
William R. Carpenter, IV

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Career Statement

A health services professional and researcher focused on understanding, developing, and implementing systems to advance cancer clinical research and scientific discovery, with a goal of reducing cancer morbidity and mortality in general, including cancer health disparities, specifically.

Education

- 2004 PhD** **Doctorate in Health Policy and Administration.** Gillings School of Global Public Health, University of North Carolina, Chapel Hill.
- 1997 MHA** **Master of Healthcare Administration.** Medical College of Virginia, Richmond, VA.
- 1993 BS** **Bachelor of Science in Biology.** Hampden-Sydney College, Hampden-Sydney, VA.

Certifications

- 2015 CNA** **Certified Nurse Aide I (Number 480132).** North Carolina Department of Health and Human Services, Raleigh, NC.
- 1994 EMT** **Emergency Medical Technician (Certification).** City of Richmond, Virginia.

Professional Experience

- 2017 –** Senior Research Investigator, University of North Carolina at Chapel Hill, UNC-Lineberger Comprehensive Cancer Center.
- 2014 –** Adjunct Associate Professor, Department of Health Policy and Management, Gillings School of Global Public Health, University of North Carolina at Chapel Hill.
- 2013 – 2014** Associate Professor (Tenure), Department of Health Policy and Management, Gillings School of Global Public Health, University of North Carolina at Chapel Hill.
- 2010 – 2014** Faculty Director, Integrated Cancer Information and Surveillance System (ICISS), UNC-Lineberger Comprehensive Cancer Center.
- 2010 – 2013** Assistant Professor, Department of Health Policy and Management, Gillings School of Global Public Health, University of North Carolina at Chapel Hill.
- 2007 – 2014** Member, UNC-Lineberger Comprehensive Cancer Center.
- 2007 – 2014** Fellow, Cecil G. Sheps Center for Health Services Research.
- 2007 – 2010** Research Assistant Professor (Aug 2007 – Mar 2010), Department of Health Policy and Management, Gillings School of Global Public Health, University of North Carolina at Chapel Hill.
- 2007 – 2010** Epidemiologist, North Carolina Comprehensive Cancer Program, North Carolina Department of Health and Human Services.
- 2007 – 2010** Research Associate, Institute for Health, Social, and Community Research, Shaw University, Raleigh, NC
- 2004 – 2007** Post-Doctoral Fellow, Cancer Control Education Program, Lineberger Comprehensive Cancer Center, University of North Carolina, Chapel Hill, NC.
- 2002 – 2004** Pre-Doctoral Fellow, Cancer Control Education Program, Lineberger Comprehensive Cancer Center, University of North Carolina, Chapel Hill, NC.
- 2000 – 2004** Teaching Fellow / Research Assistant, Department of Health Policy and Administration, School of Public Health, University of North Carolina at Chapel Hill.

- 1999 – 2000 Manager of Operations, Department of Medicine, Duke University Medical Center, Durham, NC.
- 1997 – 1999 Business Manager, Emergency Services and Department of Emergency Medicine, University of North Carolina Hospitals and School of Medicine, Chapel Hill, NC.
- 1993 – 1996 Research Associate / Clinical Research Manager, Medical College of Virginia, Richmond, VA.
- 1992 – 1993 Nurse's Aide / Intern, Emergency Department / Radiology Department, Mary Immaculate Hospital, Newport News, VA.

Honors

- 2004 – 2007 **Post-Doctoral Fellowship in Cancer Prevention and Control.** University of North Carolina, Lineberger Comprehensive Cancer Center, NCI-funded Cancer Control Education Program; Chapel Hill, NC.
- 2002 – 2004 **Pre-Doctoral Fellowship in Cancer Prevention and Control.** University of North Carolina, Lineberger Comprehensive Cancer Center, NCI-funded Cancer Control Education Program; Chapel Hill, NC.
- 2004 **Jean Yates Doctoral Student Award** recognizing scholarship in health services research and contributions to the discipline. University of North Carolina, Chapel Hill. Department of Health Policy and Administration.
- 2003 **Harry T. Phillips Award** for outstanding teaching by a doctoral student. University of North Carolina, Chapel Hill. Department of Health Policy and Administration.
- 1995 **Stuart D. Ogren Scholarship** for academic performance and professional development. Medical College of Virginia, Health Administration Department.
- 1993 **Dean's List.** Hampden-Sydney College.
- 1993 **Chi Beta Phi.** National Scientific Honor Society. Hampden-Sydney College.
- 1993 **Phi Beta Kappa.** Academic Honor Society. Hampden-Sydney College.
- 1993 **Magna Cum Laude.** Final grade point average of 3.5; top 10% of graduating class. Hampden-Sydney College.

Publications

Refereed Articles (*trainee/student/mentee)

H-Index Score: 19 (February, 2017)

Under Review.

1. Carney TJ*, **Carpenter WR**, and Hibbler EA. (Revise and Resubmit). "Closing the Gaps in Cancer Intelligence." *Journal of Biomedical Informatics*. 29pp.
2. Robinson WR*, Cheng MM, Howard AG, **Carpenter WR**, Brewster WR, Doll KM. (Under review). "For U.S. Black women, dissemination of hysterectomy to outpatient settings may have lagged behind White women: a claims-based analysis, 2011-2013." *Journal of Clinical Epidemiology*.

2017

1. Chen RC, Basak R, Meyer AM, Kuo TM, **Carpenter WR**, Agans RP, Broughman JR, Reeve BB, Nielsen ME, Usinger DS, Spearman KC, Walden S, Kaleel D, Anderson M, Sturmer T, Godley PA. (2017). "Association between choice of radical prostatectomy, external beam radiotherapy, brachytherapy, or

active surveillance and patient-reported quality of life among men with localized prostate cancer.” *JAMA*. 317(11):1141-1150.

2. Zullig LL, Carpenter WR, Williams CD. (2017). “Next steps to Improve Disparities in Lung Cancer Treatment Clinical Trial Enrollment.” *Annals of Translational Medicine*. 5(5):118-20.
3. Vines AI, **Carpenter WR**, Chen RC, Cherry MW, Long DG, Amos KD, Godley PA. (In Press). “Responding to a Community’s Concern: a Comparison of Breast Cancer Characteristics and Initial Treatment in Three Selected North Carolina Counties.” *North Carolina Medical Journal*. 19pp.
4. Allicock M, Haynes Maslow L, Johnson L, **Carpenter WR**, Vines AI, Belle D, Phillips R, Cherry M. (In Press). “Peer Connect for African American Breast Cancer Survivors and Caregivers: A train-the-trainer approach for peer support.” *Translational Behavioral Medicine*. 26pp.

2016

5. Ye F, DH Moon, **WR Carpenter**, BB Reeve, DS Usinger, RL Green, K Spearman, NC Sheets, KA Pearlstein, AR Lucero, MR Waddle, PA Godley, RC Chen. (In Press). “Comparison of patient report versus medical records of comorbidities: results from a population-based cohort of prostate cancer patients.” *JAMA Oncology*. 23pp.
6. Ellis SD*, Chen RC, Dusetzina SB, Wheeler SB, Jackson GL, Nielsen ME, **Carpenter WR**, Weinberger M. (2016). “Are Small Reimbursement Changes Enough to Change Cancer Care?: Reimbursement Variation in Prostate Cancer Treatment .” *Journal of Oncology Practice*. 12(4):e423-36.
7. Zullig LL* and Fortune-Britt* (co-first authors), Rao S, Tyree SD, Godley PA, **Carpenter WR**. (2016). “Enrollment and Racial Disparities in National Cancer Institute Cancer Treatment Clinical Trials in North Carolina.” *North Carolina Medical Journal*. 77(1):52-8.
8. Cobran EK*, Chen RC, Overman R, Meyer AM, Kuo TM, O’Brien J, Sturmer T, Sheets NC, Goldin GH, Penn DC, Godley PA, **Carpenter WR**. (2016). “Racial Differences in Diffusion of Intensity-Modulated Radiation Therapy for Localized Prostate Cancer.” *American Journal of Men’s Health*. 10(5):399-407.

2015

9. Ellis SD*, Nielsen M, **Carpenter WR**, Jackson GL, Wheeler SB, Liu H, Weinberger M. (2015). "Gonadotropin-releasing Hormone Agonist Overuse: Urologists' Response to Reimbursement and Characteristics Associated with Persistent Overuse." *Prostate Cancer and Prostatic Diseases*. 18(2):173-81.
10. Trantham LC*, **Carpenter WR**, DiMartino LD*, White BS, Green M, Teal R, Corbie-Smith G, Godley PA. (2015). “Perceptions of cancer clinical research among African American men in North Carolina.” *Journal of the National Medical Association*. 107(1):33-41. PMID: PMC4477827.
11. Mack CD*, Brookhart MA, Glynn RJ, Meyer AM, **Carpenter WR**, Sandler RS, Stürmer T. (2015). “Comparative Effectiveness of Oxaliplatin vs. 5-flourouracil in Older Adults: An Instrumental Variable Analysis.” *Epidemiology*. 26(5):690-9.
12. Chen RC, **Carpenter WR**, Kim M, Hendrix LH, Agans RP, Meyer AM, Joffmeyer A, Reeve BB, Mielsen ME, Usinger DS, Strigo TS, Jackman AM, Anderson M, Godley PA. (2015). “Design of the North Carolina Prostate Cancer Comparative Effectiveness & Survivorship Study (NC ProCESS).” *J Comparat Effect Res*, 4(1):3-9.
13. Penn DC*, Chang YK, Meyer AM, Mack CD, Sanoff HK, Stitzenberg K, **Carpenter WR**. (2015). “Provider-Based Research Networks May Improve Early Access to Innovative Colon Cancer Treatment for African Americans Treated in the Community.” *Cancer*. 121(1):93-101. PMID: PMC4270819
14. Tan HJ, Meyer AM, Kuo TM, Smith AB, Wheeler SB, **Carpenter WR**, Nielsen ME. (2015). “Provider-based research networks and the diffusion of surgical technologies among patients with early-stage kidney cancer.” *Cancer*. Mar 15; 121(6):836-43. PMID: PMC4352108

2014

15. Meyer AM, Kuo TM, Chang Y, **Carpenter WR**, Chen RC, Sturmer T. (2014). "Using Procedure Codes to Define Radiation Toxicity in Administrative Data: The Devil is in the Details." *Medical Care*. Dec 16.
16. Reeder-Hayes KE*, Freburger J, Feaganes J, Hinton SP, Henderson LM, Massing M, Schenck AP, Stearns SC, **Carpenter WR**, Chen RC, Khandani AH. (2014). "Comparative Effectiveness of Follow-up Imaging Approaches in Pancreatic Cancer." *Journal of Comparative Effectiveness Research*. 3(5):491-502.
17. Dusetzina SB, Tyree S, Meyer AM, Meyer A, Green L, **Carpenter WR**. (2014). *Linking Data for Health Services Research: A Framework and Instructional Guide*. Rockville (MD): Agency for Healthcare Research and Quality (US); 2014 Sep. Report No.: 14-EHC033-EF.
18. Meyer AM, Olshan AF, Green L, Meyer A, Wheeler SB, Basch EM, **Carpenter WR**. (2014.) "Big Data for Population-based Cancer Research: The Integrated Cancer Information and Surveillance System (ICISS)." *North Carolina Medical Journal*. 75(4):265-9.
19. Haynes-Maslow L*, Godley PA, DiMartino L*, White B, Odom JM, Richmond A, **Carpenter WR**. (2014). "African American women's perceptions of cancer clinical trials." *Cancer Medicine*. Oct. 3(5):1430-9.
20. Dinan M*, Curtis LH, **Carpenter WR**, Biddle AK, Abernethy AP, Patz EF Jr, Schulman KA, Weinberger M. (2015). "Redistribution of Health Care Costs After the Adoption of Positron Emission Tomography Among Medicare Beneficiaries With Non-Small-Cell Lung Cancer, 1998-2005." *J Thoracic Oncology*. 9(4):512-8.
21. VanderWalde NA*, Meyer AM*, Deal AM, Layton JB, Liu H, **Carpenter WR**, Weissler MC, Hayes DN, Fleming ME, Chera BS. (2014). "Effectiveness of chemoradiation for head and neck cancer in an older patient population." *International Journal of Radiation Oncology Biology, Physics*. 89(1):30-7.
22. Chen RC, **Carpenter WR**, Hendrix LH, Bainbridge J*, Wang AZ, Nielsen ME, Godley PA. (2014). "Receipt of Guideline-Concordant Treatment in Elderly African American and Caucasian Prostate Cancer Patients." *International Journal of Radiation Oncology Biology and Physics*. 88(2):332-8.
23. Meyer AM, Wheeler SB, Weinberger M, Chen RC, **Carpenter WR**. (2014). "An overview of methods for Comparative Effectiveness Research." *Seminars in Radiation Oncology*. 24(1):5-13.
24. Salloum R*, Kohler RE*, Jensen GA, **Carpenter WR**, Biddle AK. (2014). "U.S. Preventive Services Task Force Recommendations and Cancer Screening among Female Medicare Beneficiaries." *Journal of Women's Health*. 23(3):211-7. PMID: PMC3952589.

2013

25. Fortune-Greeley AK*, Wheeler SB, Meyer AM, Reeder-Hayes KE, Biddle AK, Muss HB, **Carpenter WR**. (2013). "Preoperative Breast MRI and Surgical Outcomes in Elderly Women with Invasive Ductal and Lobular Carcinoma: a Population Based Study." *Breast Cancer Research and Treatment*. 143(1):203-12.
26. VanderWalde NA*, Meyer AM*, Zullig LL*, Tyree SD, **Carpenter WR**, Weissler MC, Shores CG, Hayes DN, Chera BS. (2013). "Patterns of Care in Older Patients with Squamous Cell Carcinoma of the Head and Neck: A Surveillance Epidemiology and End Results-Medicare Analysis." *Journal of Geriatric Oncology*. 4(3):262-270.
27. Trantham LC*, Nielsen ME, Mobley L, Wheeler SB, **Carpenter WR**, Biddle A. (2013). "Use of prostate-specific antigen testing as a disease surveillance tool following radical prostatectomy." *Cancer*. 119(19):3523-30.
28. Zullig LL*, **Carpenter WR**, Abbott DH, Provenzale DT, Weinberger M, Reeve BB, Jackson GL. (2013). "Examining Potential Colorectal Cancer Care Disparities in the Veterans Affairs Healthcare System." *Journal of Clinical Oncology*. 31(28):3579-84.
29. Zullig LL*, Jackson GL, Weinberger M, Provenzale D, Reeve BB, **Carpenter WR**. (2013). "An Examination of Racial Differences in Process and Outcome of Colorectal Cancer Care Quality among Users of the

Veterans Affairs Healthcare System.” *Clinical Colorectal Cancer*. 2013 Dec;12(4):255-60.
PMCID: PMC3838793.

30. Zullig LL*, **Carpenter WR**, Provenzale DT, Weinberger M, Reeve BB, Williams CD, Jackson GL. (2013). “The Association of Race with Timeliness of Care and Survival among Veterans Affairs Healthcare System Patients with Late-Stage Non-Small Cell Lung Cancer.” *Cancer Management and Research*. Jul 24;5:157-63. PMCID: PMC3726302.
31. Meyer AM*, Reeder-Hayes K*, Liu H, Wheeler SB, Penn D*, Weiner BJ, **Carpenter WR**. (2013). "Differential receipt of sentinel lymph node biopsy within practice-based research networks." *Medical Care*. 51(9):812-818.
32. Moore AD*, Knafl GJ, Hamilton JB, Godley PA, **Carpenter WR**, Bensen JT, Mohler JL, Mishel M. (2013). “The influence of mistrust, racism, religious participation, and access to care on patient satisfaction for African-American men: The North Carolina-Louisiana Prostate Cancer Project (PCaP).” *Journal of the National Medical Association*. 105(1):59-68.
33. Goldin GH*, Sheets NC*, Meyer AM*, Wu Y, Kuo M, Sturmer T, Brookhart MA, Godley PA, **Carpenter WR**, Chen RC. (2013). “Comparative Effectiveness of Intensity Modulated Radiation Therapy and Conventional Conformal Radiation Therapy in the Treatment of Prostate Cancer after Radical Prostatectomy.” *JAMA Internal Medicine*. 173(12):1136-43.
34. Ellis SD* and Blackard B (co-first authors), **Carpenter WR**, Mishel M, Chen RC, Godley PA, Mohler JL, Bensen JT. (2013). "Receipt of NCCN Guideline-Concordant Prostate Cancer Care among African- and Caucasian-American Men in North Carolina." *Cancer*. Jun 15;119(12):2282-90. PMCID: PMC3775483.
35. Mack CD*, Glynn RJ, Brookhart MA, **Carpenter WR**, Meyer AM*, Sandler RS, Stürmer T. (2013). “Calendar Time-Specific Propensity Scores and Comparative Effectiveness Research for Stage III Colon Cancer Chemotherapy.” *Pharmacoepidemiology and Drug Safety*. Aug;22(8):810-8. PMCID: PMC3659185..
36. Dinan MA*, Curtis LH, **Carpenter WR**, Biddle AK, Abernethy AP, Patz EF Jr, Schulman KA, Weinberger M, et al. (2013). “Variations in the Use of Positron Emission Tomography Among Medicare Beneficiaries With Non-Small-Cell Lung Cancer, 1998-2007.” *Radiology*. 267(3):807-17.
37. Dinan MA, **Carpenter WR**, Patz EF Jr, Abernethy AP, Biddle AK, Schulman KA, Curtis LH. “Reply to M.S. Hofman et al.” *J Clin Oncol*. 2013 Feb 20;31(6):820.
38. Rajan SS*, **Carpenter WR**, Stearns SC, Lyman G, Trivedi M. (2013) "Short-term costs associated with primary prophylactic G-CSF use during chemotherapy.” *American Journal of Managed Care*. 19(2):150-9.
39. Sanoff HK, Carpenter WR, Stürmer T. “Reply to H. Wong et al.” *J Clin Oncol*. 2013 Feb 1;31(4):512-3.

2012

40. **Carpenter WR**, Meyer AM*, Abernethy AP, Stürmer T, Kosorok MR. (2012). “A framework for understanding data needs for cancer comparative effectiveness research.” *Journal of Clinical Epidemiology*. 65(11): 1150-8.
41. Sanoff HK, **Carpenter WR**, Sturmer T, Goldberg RM, Martin CF, Fine JP, McCleary NJ, Meyerhardt JA, Niland J, Kahn KL, Schymura MJ, Schrag D. (2012). “Effect of Adjuvant Chemotherapy on Survival of Patients with Stage III Colon Cancer Diagnosed After Age 75.” *Journal of Clinical Oncology*. 30(21):2624-34.
42. **Carpenter WR**, Tyree S, Wu Y, Meyer AM*, DiMartino LD, Zullig LL*, Godley PA. (2012). "A surveillance system for monitoring, public reporting, and improving minority access to cancer clinical trials." *Clinical Trials*. 9(4):426-35.
43. Meyer AM*, **Carpenter WR**, Abernethy AP, Stürmer T, Kosorok MR. (2012). “Data for Cancer Comparative Effectiveness Research: Past, Present, and Future Potential.” *Cancer*. Apr 19. 118(21):5186-97.
44. Dinan MA*, Curtis LH, **Carpenter WR**, Biddle A, Abernethy AP, Patz E, Schulman KA, Weinberger M. (2012). “Stage Migration, Selection Bias, and Survival Associated With the Adoption of PET Among

Medicare Beneficiaries With Non-Small-Cell Lung Cancer, 1998-2003.” *Journal of Clinical Oncology*.30(22):2725-30.

45. Henderson LM, Hinton SP, Reeder-Hayes K*, **Carpenter WR**, Chen RC. (2012). “A comparison of cancer management strategies reported by physicians in the National Oncologic PET Registry and services received in Medicare claims data.” *Archives of Internal Medicine*. Apr 23;172(8):664-6.
46. Ellis SD*, **Carpenter WR**, Minasian L, Weiner BJ. (2012). “Effect of state-mandated insurance coverage on accrual to community cancer clinical trials.” *Contemporary Clinical Trials*. 33(5):933-41.
47. Wheeler SB*, Wu Y, Meyer AM*, **Carpenter WR**, Richardson L, Smith JL, Lewis MA, Weiner BJ. (2012). “Use and timeliness of radiation therapy after breast conserving surgery in low-income women with early stage breast cancer.” *Cancer Investigation*. 30(4): 258-267.
48. Sheets NC*, Goldin GH*, Meyer AM*, Wu Y, Chang YK, Sturmer T, Holmes JA*, Reeve BB, Godley PA, **Carpenter WR**, Chen RC. (2012). “Association of Intensity Modulated Radiation Therapy, Proton Therapy, or Conformal Radiation Therapy with Morbidity and Disease Control in Localized Prostate Cancer.” *JAMA*. Apr 18; 307(15):1611-20
49. Moore AD*, Hamilton JB, Knafl G, Godley PA, **Carpenter WR**, Bensen J, Mohler JL, Mishel M. (2012). “Patient Satisfaction Influenced by Interpersonal Treatment and Communication for African-American Men: The North Carolina-Louisiana Prostate Cancer Project (PCaP).” *American Journal of Men's Health*. 6(5):409-19.
50. **Carpenter WR**, Meyer AM*, Wu Y, Qaqish B, Sanoff HK, Goldberg RM, Weiner BJ. (2012). “Translating research into practice: the role of provider based research networks in the diffusion of an evidence-based colon cancer treatment innovation.” *Medical Care*. Aug; 50(8): 737-48. PMID: PMC3389231.
51. Holmes JA*, Wang AZ, Hoffman KE, Hendrix LH, Rosenman JG, **Carpenter WR**, Godley PA, Chen RC. (2012). "Is Primary Prostate Cancer Treatment Influenced by Likelihood of Extraprostatic Disease? A SEER Patterns of Care Study." *International Journal of Radiation Oncology, Biology, Physics*. 84(1): 88-94.
52. Wheeler SB*, **Carpenter WR**, Peppercorn J, Schenck AP, Weinberger M, Biddle AK. (2012). “Structural/organizational characteristics of health services partly explain racial variation in timeliness of radiation therapy among elderly breast cancer patients.” *Breast Cancer Research and Treatment*. 133(1):333-45.
53. Sanoff HK, **Carpenter WR**, Freburger J, Ling L, Chen, K, Zullig L*, Goldberg RM, Scymura MJ, Schrag D. (2012). “Comparison of Adverse Events During 5FU versus 5FU/Oxaliplatin Adjuvant Chemotherapy for Stage III Colon Cancer: A Population Based Analysis.” *Cancer*. 118(17): 4309-20.
54. Holmes JA*, **Carpenter WR**, Wu Y, Hinton SP, Massing M, Schenck AP, Meyer AM*, Diao K, Wheeler SB*, Godley PA, Stitzenberg KB, Chen RC. (2012). “Impact of distance to a Urologist on early diagnosis of prostate cancer among African American and Caucasian Patients.” *Journal of Urology*. J Urol. 2012 Mar; 187(3): 883-888.
55. Meyerhardt JA, Ling L, Sanoff HK, **Carpenter W 4th**, Schrag D. (2012). “The Effectiveness of Bevacizumab with First-Line Combination Chemotherapy for Medicare Patients with Stage IV Colorectal Cancer.” *Journal of Clinical Oncology*. 2012 Feb 20; 30(6): 608-15. PMID: PMC3295559
56. Sanoff HK, **Carpenter WR**, Martin CF, Sargent DJ, Meyerhardt JA, Stürmer T, Fine JP, Weeks J, Niland J, Kahn KL, Schymura MJ, Schrag D. (2012). “Comparative Effectiveness of Oxaliplatin vs Non-Oxaliplatin-containing Adjuvant Chemotherapy for Stage III Colon Cancer.” *JNCI*. 2012; 104(3): 211-227.
57. **Carpenter WR**, Fortune-Greeley AK*, Zullig LL*, Lee SY, Weiner BH. (2012). “Sustainability and Performance of the National Cancer Institute’s Community Clinical Oncology Program.” *Contemporary Clinical Trials*. 2012 Jan; 33(1):46-54. PMID: PMC3253894.

58. Wheeler SB*, **Carpenter WR**, Peppercorn J, Schenck AP, Weinberger M, Biddle AK. (2012). "Predictors of timing of adjuvant chemotherapy in older women with hormone receptor negative stage II-III breast cancer." *Breast Cancer Research and Treatment*. 131(1):20-7.
59. Mack CD*, **Carpenter W**, Meyer AM*, Sanoff HK, Stürmer T. (2012). "Racial disparities in receipt and comparative effectiveness of oxaliplatin for stage III colon cancer in older adults." *Cancer*. 118(11):2925-34.

2011

60. Sommer CA*, Stitzenberg KB, Tolleson-Rinehart S, **Carpenter WR**, Carey TS. (2011). "Breast MRI Utilization in Patients with Newly Diagnosed Breast Cancer." *Journal of Surgical Research*.170(1):77-83. PMC3166796.
61. Rajan SS*, Stearns S, Lyman G, **Carpenter WR**. (2011). "Effect of Primary Prophylactic G-CSF use on Systemic Therapy Administration for Elderly Breast Cancer Patients." *Breast Cancer Research and Treatment*. May 17. 130(1):255-66.
62. **Carpenter WR**, Yeh WS*, Wobker SB*, Godley PA. (2011). "Getting cancer prevalence right: Using state cancer registry data to estimate cancer survivors." *Cancer Causes and Control*. 22(5):765-73. PMID 3225120.
63. Reeder-Hayes K*, Bainbridge J, Meyer AM, Amos KD, Weiner BJ, Godley PA, **Carpenter WR**. (2011). "Race and age disparities in receipt of sentinel lymph node biopsy for early-stage breast cancer." *Breast Cancer Research and Treatment*. 128(3):863-71. PMC3117101
64. Rajan SS*, Lyman GH, Stearns SC, **Carpenter WR**. (2011). "Effect of primary prophylactic granulocyte-colony stimulating factor use on incidence of neutropenia hospitalizations for elderly early-stage breast cancer patients receiving chemotherapy." *Medical Care*. 49(7):649-57.
65. Patel SC*, **Carpenter WR**, Tyree S, Couch ME, Weissler M, Hackman T, Hayes DN, Shores C, Chera BS. (2011). "Increasing incidence of squamous cell carcinoma of the oral tongue in young white females, ages 18-44." *Journal of Clinical Oncology*.29(11):1488-94.
66. **Carpenter WR**, Reeder-Hayes K*, Bainbridge J*, Meyer AM*, Amos KD, Weiner BJ, Godley PA. (2011). "The Role of Organizational Affiliations and Research Networks in the Diffusion of Breast Cancer Treatment Innovation." *Medical Care*. 49(2):172-9. PMC3037724.
67. Rajan SS*, Lyman GH, **Carpenter WR**, Stearns SC. (2011). "Chemotherapy characteristics are important predictors of primary prophylactic G-CSF administration in elderly breast cancer patients." *Breast Cancer Research and Treatment*. 127(2):511-20.
68. Richardson LC, Townsend JS, Fairley TL, Steele CB, Shah S, Woldman RL, **Carpenter WR**. (2011). "Use of 2001-2002 Behavioral Risk Factor Surveillance System (BRFSS) Data To Characterize Cancer Survivors in North Carolina." *North Carolina Medical Journal*. 72(1):20-7.

2010

69. Minasian L, **Carpenter WR**, Weiner BJ, McCaskill-Stevens W, Nelson S, Whitman C, Kelaghan J, O'Mara A, Kaluzny AD. (2010). "Translating Research into Evidence-Based Practice: The National Cancer Institute's Community Clinical Oncology Program." *Cancer*. 116(19):4440-4449. PMC2945622.
70. Carson AP*, Howard DL, **Carpenter WR**, Taylor YJ, Peacock S, Schenck AP, Godley PA. (2010). "Trends and Racial Differences in the Use of Androgen Deprivation Therapy for Advanced Prostate Cancer." *Journal of Pain and Symptom Management*. May;39(5):872-881.
71. **Carpenter WR**, Howard DL, Taylor YJ, Ross LE, Wobker SE*, Godley PA. (2010). "Racial Differences in PSA Screening Interval and Stage at Diagnosis." *Cancer Causes and Control*. 2010 Jul;21(7):1071-80. Epub 2010 Mar 24. PMC2883656.

72. Do YK*, **Carpenter WR**, Spain P, Clark JA, Hamilton RJ, Galanko JA, Jackman A, Talcott JA, Godley PA. (2010). "Race, Healthcare Access and Physician Trust Among Prostate Cancer Patients." *Cancer Causes and Control*. 21(1):31-40. PMC2811408.

2009

73. **Carpenter WR**, Godley PA, Clark JA, Talcott JA, Finnegan T*, Mishel M, Bensen JT, Rayford W, Su LJ, Fonthan ET, Mohler JL. (2009). "Racial differences in trust and regular source of patient care and the implications for prostate cancer screening use." *Cancer*. 115(21):5048-5059. PMC2779840.
74. **Carpenter WR**, Peppercorn J. (2009). "Beyond Toxicity: The challenge and importance of understanding the full impact of treatment decisions." *Cancer*. 115(12):2598-601

2008

75. Spain PC*, **Carpenter WR**, Talcott JA, Clark JA, Do YK, Hamilton RJ, Galanko JA, Jackman AM, Godley PA. (2008). "Perceived Family History Risk and Symptomatic Diagnosis of Prostate Cancer: The North Carolina Prostate Cancer Outcomes Study." *Cancer*. 113(8):2180-7. PMID: PMC2584965.
76. Gooden K*, Howard DL, **Carpenter WR**, Carson AP*, Taylor YJ, Peacock S, Schenck A, Godley PA. (2008). "The Effect of Hospital and Surgeon Volume on Racial Differences in Recurrence-Free Survival After Radical Prostatectomy." *Medical Care*. 46(11): 1170-6. PMID: PMC2811406.
77. **Carpenter WR**, Beskow LM, Blocker DE, Forlenza MJ, Kim AE, Pevzner ES, Rose JM, Tran AN, Webber KH, Knight K, O'Malley MS. (2008). "Towards a More Comprehensive Understanding of Cancer Burden in North Carolina: Priorities for Intervention." *North Carolina Medical Journal*. 69(4): 275-82. PMID: PMC2743945.
78. Feldmann J, **Carpenter WR**, Lee CB, Shea TC, Atkins JN, Gray TF. (2008). "Cancer Clinical Trials in North Carolina." *North Carolina Medical Journal*. 69(4): 306-8.
79. **Carpenter WR**, Robinson WR*, Godley PA. (2008). "Getting over testosterone: Postulating a fresh start for etiologic studies of prostate cancer." *JNCI*. 100(3):158-9.

2007

80. Swanson G, **Carpenter WR**, Thompson IM, Crawford ED. (2007). "Urologists' attitudes regarding cancer clinical research." *Urology*. 70(1):19-24
81. Cunningham-Sabo L, **Carpenter WR**, Peterson J, Anderson L, Helfrich C, Davis S. (2007). "Utilization of prevention research: Searching for evidence." *American Journal of Preventive Medicine*. July. 39(1S):S9-20.
82. Talcott JA, Spain P, Clark JA, **Carpenter WR**, Do YK, Hamilton RJ, Galanko JA, Jackman A, Godley PA. (2007) "Hidden Barriers Between Knowledge and Behavior: The North Carolina Prostate Cancer Screening and Treatment Experience." *Cancer*. Mar 12;109(8):1599-1606.
83. Godley PA, **Carpenter WR**. (2007). "Case-control prostate cancer screening studies should not exclude subjects with lower urinary tract symptoms." *Journal of Clinical Epidemiology*. 60(2):176-180.

2006

84. **Carpenter WR**, Weiner BJ, Kaluzny AD, Domino ME, Lee SY. (2006). "The effect of managed care and competition on community-based clinical research." *Medical Care*. 44(7):671-9.
85. Weiner BJ, McKinney M, **Carpenter WR**. (2006). "Adapting clinical trials networks to promote cancer prevention and control research." *Cancer*. 106(1):180-7.

86. McKinney M, Weiner BJ, **Carpenter WR**. (2006). "Building community capacity to participate in cancer prevention research." *Cancer Control: Journal of the Moffitt Cancer Center*. 13(4):295-302.
87. Cohen JH, Schenck AP, Kaufman JS, Talcott JA, Peacock S, Amamoo MA, Symons M, Schoenbach V, **Carpenter WR**, Godley PA. (2006). "Racial differences in disease-free survival in a Medicare population after treatment for clinically localized prostate cancer." *Cancer Causes and Control*. 17(6):803-11.

Select Refereed, Published Abstracts (trainee/student/mentee*)

1. Dusetzina SB, Tyree S, Meyer AM, Carpenter W. (2014). "Performance of Methods for Linking Registry Data to Insurance Claims When Unique Identifiers are Unavailable." *Pharmacoepidemiology and Drug Safety*. 23(S1):348-9.
2. Ellis SD, Nielsen ME, Carpenter WR, Jackson GL, Wheeler SB, Liu H, Wienberger M. (2014). "Changes in androgen deprivation therapy overuse: Reimbursement response and characteristics of persistent overusers." *Journal of Clinical Oncology*. 32(15S):5044.
3. Cobran EK, Overman R, **Carpenter WR**, Godley PA, Chen R. (2013). Racial Disparities in Diffusion, Comparative Morbidity, and Disease Control of Intensity-Modulated Radiation Therapy Compared to Conformal Radiation Therapy for Localized Prostate Cancer. *Value in Health*. 16(7):A396.
4. Zullig LL, Jackson GL, Weinberger M, Provenzale D, Reeve BB, **Carpenter WR**. (In Press) "Are There Racial Differences in Colorectal Cancer Care Timeliness among Users of the Veterans Affairs Healthcare System?" *Journal of Clinical Oncology, ASCO Annual Meeting Abstracts*.
5. Meyer AM*, Reeder-Hayes K*, Liu H, Wheeler SB*, Penn D*, Weiner BJ, **Carpenter WR**. (2012). "Differential receipt of sentinel lymph node biopsy within practice-based research networks." *Journal of Clinical Oncology, ASCO Annual Meeting Proceedings*. 30(34S):6104.
6. Chen RC, **Carpenter WR**, Hendrix LH, Wang ZA, Nielsen ME, Godley PA. (2012). "Receipt of guideline-concordant treatment in elderly African American and Caucasian patients with prostate cancer." *Journal of Clinical Oncology, ASCO Quality Care Symposium Abstracts*. 30(34S):222.
7. Meyer AM*, Reeder-Hayes K*, Liu H, Wheeler SB*, Penn D*, Weiner BJ, Stitzenberger K, **Carpenter WR**. (2012). "Differential receipt of sentinel lymph node biopsy within practice-based research networks." *Journal of Clinical Oncology, ASCO Quality Care Symposium Abstracts*. 30(34S):102.
8. Zullig LL, **Carpenter WR**, Abbott DH, Provenzale DT, Meinberger M, Reeve BB, Jackson GL. (2012). "Examining potential cancer care disparities in an equal access system: Quality of colorectal cancer care (CRC) in the Veterans Affairs (VA) health care system." *Journal of Clinical Oncology, ASCO Quality Care Symposium Abstracts*. 30(34S):229.
9. VanderWalde NA*, Meyer AM*, Zullig LL*, Tyree SD, **Carpenter WR**, Weissler MC, Shores CG, Hayes DN, Chera BS. (2012). "Patterns of Care in Elderly Patients with Squamous Cell Carcinoma of the Head and Neck: A SEER-Medicare Analysis." *Journal of Clinical Oncology*. 30 suppl:5539.
10. Goyal RK, Meyera A, Sheets NC, Federspiel JJ, **Carpenter WR**, Chen RC, Biddle AK. "Cost-utility of proton therapy in the treatment of localized prostate cancer." *Journal of Clinical Oncology, ASCO Annual Meeting Proceedings*. 30(15S):e15184.
11. Sheets NC, Goldin G, Meyer A, Wu Y, Chang YK, Sturmer T, Holmes JA, Reeve BB, Godley PA, **Carpenter WR**, Chen RC. "Comparative effectiveness of intensity modulated radiation therapy (IMRT), Proton Therapy (PT), and conformal radiation therapy (CRT) in the treatment of localized prostate cancer." *Journal of Clinical Oncology, ASCO Annual Meeting Abstracts*. 30(5):3.
12. Wheeler SB*, Wu Y, Meyer AM, **Carpenter WR**, Richardson LC, Smith JL, Lewis MA, Weiner BJ. (2011). "Use of radiation therapy after breast conserving surgery among Medicaid recipients with early-stage breast cancer." *Journal of Clinical Oncology*. 29(15S):408s.

13. Holmes JA*, **Carpenter WR**, Wu Y, Hinton SP, Massing M, Schenck AP, Meyer AM, Wheeler SB, Godley PA, Chen RC. (2011). "Impact of travel distance on early diagnosis of prostate cancer (CaP) and receipt of curative treatment." *Journal of Clinical Oncology*. 29(15S):416s.
14. Mack CD*, **Carpenter WR**, Stürmer T. (2010). "Race, Oxaliplatin use, and Treatment Outcomes for Stage III Colon Cancer." Abstracts of the 43rd Annual Meeting society for Epidemiologic Research 184-S. *Am J Epidemiol*. 171(Suppl 11):184-S.
15. Chen RC, Bainbridge J, Carpenter WR, Wang ZA, Nilsen ME, Dater J, Godley PA. "Racial differences in receipt of guideline-recommended treatment in men with low-, intermediate-, and high-risk prostate cancer (CaP): A population-based study." 28(15):9002.
16. Mack CD*, **Carpenter WR**, Stürmer T. (2010). "Race, Oxaliplatin Use, and Treatment Outcomes for Stage III Colon Cancer among Elderly Medicare Patients." Abstract of the 26th ICPE 2010. *Pharmacoepidemiology and Drug Safety*. 19: S298.
17. Wobker S*, Yeh W-S*, **Carpenter WR**. (2010). ASPO 34th Annual Meeting: "Focus on Survivorship: Refining Complete Prevalence Estimates Using Local Cancer Registry Data." *Cancer Epidemiology Biomarkers and Prevention*. 19:897.
18. **Carpenter WR**, Weiner BJ, Richardson LC, Lee JW, Peppercorn J, Lewis MA, Whitmire JT, Walden SP, Hinson LO. (2008). "Beyond claims data: Assessing the problem of access to radiation therapy for low-income women with breast cancer." *Journal of Clinical Oncology (Meeting Abstracts)* 6579.
19. Gooden KM*, Howard DL, **Carpenter WR**, Carson AP*, Taylor YJ, Peacock S, Schenck A, Godley PA. (2007). "The effect of hospital and physician volume on racial differences in disease recurrence following surgery for prostate cancer." *Proceedings of the American Association for Cancer Research Annual Meeting*. 48:812-813.

Books and Book Chapters (trainee/student/mentee*)

1. Fried BJ, and **Carpenter WR**. (2013). "Understanding and improving team effectiveness in quality improvement." in Curtis P. McLaughlin and William Sollecito (eds). *Continuous Quality Improvement in Health Care, 4th Ed*. Boston: Jones and Bartlett. pp117-153.
2. **Carpenter WR**, and Weiner BJ. (2009) "Provider Based Research Networks." in Ross Mullner, et al. (eds.) *Encyclopedia of Health Services Research*. Sage Publications. 13 Nov. 2009. http://www.sage-reference.com/healthservices/Article_n331.html
3. Wang V*, and **Carpenter WR**. (2009) "Healthcare Cost and Utilization Project (HCUP) Quality Indicators." in Ross Mullner, et al. (eds.) *Encyclopedia of Health Services Research*. Sage Publications. 13 Nov. 2009. http://www.sage-ereference.com/healthservices/Article_n164.html
4. Amick HR*, and **Carpenter WR**. (2009). "Community-Based Participatory Research." in Ross Mullner, et al. (eds.) *Encyclopedia of Health Services Research*. Sage Publications. 13 Nov. 2009. http://www.sage-reference.com/healthservices/Article_n77.html
5. **Carpenter WR**, Shortell SM, Kaluzny AD (eds). (2006). *Health Care Management: Organization Design and Behavior, 5th Ed. / Instructor's Manual*. Albany, NY: Delmar.
6. Fried BJ, and **Carpenter WR**. (2006). "Understanding and improving team effectiveness in quality improvement." in Curtis P. McLaughlin and Arnold D. Kaluzny (eds). *Continuous Quality Improvement in Health Care: Theory, Implementation, and Applications, 3rd Ed*. Boston: Jones and Bartlett. pp154-88
7. **Carpenter WR**. (2004). *The impact of managed care on the National Cancer Institute's Community Clinical Oncology Program*. (Doctoral dissertation.) University of North Carolina at Chapel Hill. 145pp.

Select Solicited Abstracts, Oral, and Poster Presentations from well over 100 (trainee/student/mentee*)

1. Allicock M, **Carpenter WR**, Haynes-Maslow L, Vines AI, Johnson, L, Belle D, Phillips R, & Cherry M (June 2017). "A Community-Academic Partnership to Deliver a Motivational Interviewing-based Peer Support Program: Success and Challenges." Oral Presentation at the International Conference of Motivational Interviewing, Philadelphia, PA.
2. Ellis SD*, Nielsen M, Jackson G, Weinberger M, Wheeler S, **Carpenter WR**. "Prior GNRH agonist Overuse and Contemporary Quality of Prostate Cancer Care." 79th Annual SESAUA Conference. Savannah, GA. March 20, 2015.
3. Cobran E*, Overman R*, **Carpenter WR**, Godley PA, Chen RC. "Racial Disparities in Diffusion, Comparative Morbidity, and Disease Control of Intensity-Modulated Radiation Therapy Compared to Conformal Radiation Therapy for Localized Prostate Cancer." 16th Annual ISPOR European Congress. November 2, 2013. Dublin, Ireland.
4. Zullig LL*, **Carpenter WR**, Provenzale D, Weinberger M, Reeve BB, Jackson GL. Poster: "Examining Potential Colorectal Cancer Care Timeliness Disparities in the Veterans Affairs Healthcare System." *Durham Veterans Affairs Medical Center Research Week*. Durham, NC; May 2013. **1st Place Winner of Institute for Medical Research Young Investigator Poster Contest.**
5. Zullig LL*, **Carpenter WR**, Provenzale DT, Weinberger M, Reeve BB, Jackson GL. Poster: "Examining Potential Cancer Care Quality Disparities in the Veterans Affairs (VA) Healthcare System." *Lineberger Scientific Retreat*. Chapel Hill, NC; May 2013. **Winner, 2nd Prize in Population Sciences category.**
6. Ellis SD* and Blackard B (co-first authors), **Carpenter WR**, Mishel M, Chen RC, Godley PA, Mohler JL, Bensen JT. (In Press). "Prostate Cancer Guideline-Concordance in a North Carolina Population-based Sample of African and Caucasian and Caucasian Americans." *Lineberger Scientific Retreat*. Chapel Hill, NC; May 2013. **Winner, 3rd Prize in Population Sciences category.**
7. Dinan MA,* Curtis LH, **Carpenter WR**, Biddle AK, Abenethy AP, Patz EF, Schulman KA, Weinberger M. "Changes in Radiotherapy, Surgery, and Costs for Treatment of Non-Small-Cell Lung Cancer after the Adoption of Positron Emission Tomography, 1998-2005." American Society for Radiation Oncology (ASTRO) Annual Meeting. Atlanta, GA, September 23, 2013.
8. Zullig LL*, **Carpenter WR**, Abbott DH, Provenzale DT, Weinberger M, Reeve BB, Jackson GL. Poster: "Quality of Colorectal Cancer Care in the Veterans Affairs Healthcare System - Examining Potential Colorectal Cancer Disparities in an Equal Access System." *Association of Veterans Affairs Hematology & Oncology*. Omaha, NE; October 2012.
9. **Carpenter WR**, Tyree SD, Zullig LL*, Fortune-Greeley AK*, White B, DiMartino L, Godley PA. Poster: "A statewide surveillance system and web-based reporting for monitoring and improving minority access to cancer clinical trials." *National Cancer Institute Community Networks Program Centers (CNPC) Program Meeting*. Bethesda, MD. July 30, 2012.
10. Sheets NC*, Goldin G, Meyer AM*, Wu Y, Chang YK, Sturmer T, Holmes JA, Reeve BB, Godley PA, **Carpenter WR**, Chen RC. Oral: "Comparative effectiveness of intensity modulated radiation therapy (IMRT), proton therapy (PT), and conformal radiation therapy (CRT) in the treatment of localized prostate cancer. The ASCO Genitourinary Cancers Symposium 2012 (Abstract 3). (Chosen as one of 5 abstracts for ASCO Media Session)
11. **Carpenter WR**, Trantham LC*, DiMartino LD, White BS, Green MA, Wright G, Teal R, Corbie-Smith G, Godley PA. Poster: "Barriers to cancer clinical trial participation among African American men in North Carolina." *NCI Center to Reduce Cancer Health Disparities Program Meetings*. Rockville MD, July 14, 2011.
12. Wheeler SB*, **Carpenter WR**, Peppercorn J, Schenck AP, Weinberger M, Biddle AK. Oral: "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*. Seattle, WA. June, 2011.
13. Moore A*, **Carpenter WR**, et al. Oral: "The influence of patient-provider communication, interpersonal treatment, and communication on patient satisfaction for African- American men in North Carolina

treated for prostate cancer.” *The American Academy of Nurse Practitioners 26th National Conference*. Las Vegas, NV. June 24, 2011.

14. Holmes JA*, **Carpenter WR**, Wu Y, Hinton SP, Massing M, Schenck AP, Meyer AM, Wheeler SB, Godley PA, Chen RC. Poster: “Impact of travel distance on early diagnosis of prostate cancer (CaP) and receipt of curative treatment.” *American Society of Clinical Oncology Annual Meeting*, Chicago, IL, June 4, 2011.
15. Mack CD*, **Carpenter WR**, Meyer AM, Sanoff HK, Stürmer T. Poster: “Racial disparities in receipt and comparative effectiveness of oxaliplatin for stage III colon cancer in older adults.” *Lineberger Comprehensive Cancer Center Annual Retreat*, Chapel Hill, NC, May 25, 2011. **Winner, 1st Prize in Population Sciences category.**
16. Zullig LL*, **Carpenter WR**. Poster: “Organizational Factors Associated with Patient Accrual into Community-Based Cancer Clinical Trials.” *Lineberger Comprehensive Cancer Center Annual Retreat*, Chapel Hill, NC, May 25, 2011. **Winner, 3rd Prize in Population Sciences category.**
17. Moore A*, **Carpenter WR**, et al. Oral: “The influence of patient-provider communication, interpersonal treatment, and communication on patient satisfaction for African-American men in North Carolina treated for prostate cancer in the PCaP Study.” *The Pacific Institute of Nursing 2011 Conference*. Honolulu, HI. March 30, 2011.
18. Mack C*, **Carpenter WR**, Stürmer, T. Oral: “Race, Oxaliplatin Use, and Treatment Outcomes for Stage III Colon Cancer.” *Spotlight Session, the 43rd Annual Society for Epidemiologic Research Meeting*, Seattle, WA, June 24, 2010.
19. Wheeler SB*, Biddle AK, **Carpenter WR**, Weinberger M, Peppercorn J, Schenck AP. Poster: “Health services organization, disparities, and timely receipt of adjuvant chemotherapy among breast cancer patients enrolled in Medicare.” *AcademyHealth Annual Research Meeting*. Boston, MA. June, 2010.
20. **Carpenter WR**, Clayton LJ*, White B, Green MA, Durr A, Norcott K, Taylor C, Psek WA*, Wright G, Corbie-Smith G, Godley PA. Poster: “Increasing cancer clinical trial enrollment in North Carolina communities.” *National Cancer Institute-American Society of Clinical Oncology Cancer Trial Accrual Symposium*. Rockville, MD. April 29, 2010.
21. Weiner B, **Carpenter WR**, Richardson L, Smith JL, Lewis MA, Peppercorn J, Whitmire JT, Walden SP, Bergmire-Sweat D. Oral: “Beyond claims data: Assessing the problem of access to radiation therapy for low-income women with breast cancer.” *The 137th APHA Annual Meeting*. Philadelphia, PA. November 7-11, 2009.
22. **Carpenter WR**, Wobker SE*, Yeh WS*. Poster: “Using Local Cancer Registry Data and Complete Prevalence Methods to Inform Control and Survivorship Planning.” *20th National Conference on Chronic Disease Prevention and Control*. Washington DC, February 23-5, 2009.
23. **Carpenter WR**, Weiner BJ, Richardson LC, Lee JW, Peppercorn J, Lewis MA, Whitmire JT, Walden SP, Hinson LO. Poster: “Beyond claims data: Assessing the problem of access to radiation therapy for low-income women with breast cancer.” *American Society of Clinical Oncology Annual Meeting*, Chicago, IL, June 1, 2008.
24. Carson AP*, Howard DL, **Carpenter WR**, Gooden KM*, Jallah YB, Godley PA. “Androgen Deprivation Therapy for the Treatment of Metastatic Prostate Cancer.” *American Association for Cancer Research Annual Conference*, Los Angeles, CA, April 14, 2007.
25. **Carpenter WR**, Weiner BJ, Kaluzny AD, Domino ME, Lee SYD, O’Malley MS. Poster: “The impact of managed care on cancer clinical research in the National Cancer Institute’s Community Clinical Oncology Program.” *American Society of Preventive Oncology Annual Meeting*, San Francisco, CA. March 14, 2005.

Select Invited Presentations

1. **Carpenter, WR.** Oral: "The Integrated Cancer Information and Surveillance System: Development, and Utility for Improving Cancer Care Quality." *UNC School of Medicine Leadership Committee*, April 15, 2013.
2. **Carpenter, WR.** Oral: "The Integrated Cancer Information and Surveillance System: Development, and Utility for Improving Cancer Care Quality." *UNC Hematology Oncology Division Meeting*, February 19, 2013.
3. **Carpenter, WR.** Oral: "Data needs for cancer comparative effectiveness research, and the Integrated Cancer Information and Surveillance System." *The Second Innovative Methods Program for Advancing Clinical Trials Symposium*. Raleigh, NC. November 2, 2012.
4. **Carpenter, WR.** Oral: "The Integrated Cancer Information and Surveillance System: Development, and Utility for Improving Cancer Care Quality." *UNC Health Care Cancer Advisory Committee Meeting*, September 13, 2012.
5. **Carpenter WR.** Oral: "The Integrated Cancer Information and Surveillance System: Development and Utility for UNC Research." *UNC School of Pharmacy Executive Committee*. June 21, 2012.
6. **Carpenter WR.** Oral: "The Integrated Cancer Information and Surveillance System: Development, and Utility for Improving Cancer Care Quality." *UNC Chancellor's Cancer Research Fund Committee*. April 27, 2012.
7. Weiner BJ, and **Carpenter WR.** Oral: "Performance and sustainability of the NCI CCOP Program." *NCI Community Clinical Oncology Program CCOP/MBCCOP & Research Base Meeting*. Rockville, MD. September 16-17, 2010.
8. **Carpenter WR.** Oral: "Studying performance and sustainability of the NCI Community Clinical Oncology Program." *NCI CCOP Program Strategic Planning Retreat*. Rockville, MD. May 12, 2010.
9. **Carpenter WR.** Oral: "Cancer research using linked data in North Carolina: Comparative Effectiveness, Access to care, and Outcomes Research." Presentation to the *North Carolina Legislature and its Comparative Effectiveness Study Committee*. Raleigh, NC. March 16, 2010.
10. **Carpenter WR,** Weiner, BJ. Oral: "Organization of Clinical Research Participation and Adoption of Clinical Innovations." *Ireland-NCI Workshop on Health Economics and Health Policy Research*. Dublin, Ireland. April 22-23, 2009.
11. **Carpenter WR.** Oral: "Researching Disparities in Prostate Cancer." *The Institute for Health, Social, and Community Research Conference on Minority Health – Charting the Way to Change: Advancements in Health Disparities Research*. Raleigh, NC. September 26, 2008.
12. Weiner BJ and **Carpenter WR.** Oral: "Implementing Systemic Interventions to Close the Discovery-Delivery Gap." *National Cancer Institute CCOP, MBCCOP & Research Base Principal Investigator and Administrator Meeting*, Rockville, MD, September 18, 2007.
13. **Carpenter, WR.** Oral: "Community health care and cancer clinical research: A Research Agenda Examining Organizational Characteristics, Clinical Trials Participation, the Diffusion of Innovations, and Cancer Care Quality." *Medical University of South Carolina, Department of Health Administration and Policy*. Charleston, SC. October 4, 2006.
14. **Carpenter, WR.** Oral: "The intersection of community health care and cancer clinical research." *Guest lecture, Veteran's Administration Center for Organization, Leadership, and Management Research*. Boston, MA. January 13, 2006.
15. **Carpenter, WR.** Oral: "The intersection of community health care and cancer clinical research." *Guest lecture, Department of Health Policy and Management, University of Pittsburgh*, Pittsburgh, PA. December 7, 2005.

Teaching Activities

Classroom Teaching

University of North Carolina, Chapel Hill, NC.

(Historical data as accurate as possible based on current records systems)

- ♦ *HPM 886: Advanced Applications in Research Methods.* A core course in the HPM PhD Program, this course focuses on advanced applications of research methods, with examples and applications relevant to health services and health policy researchers. Was primary instructor for module in Comparative Effectiveness Research.
 - ♦ Fall 2012 – 13 students
- ♦ *HPM 766: Cancer Care Quality.* A core course in the UNC Cancer Care Quality Training Program. Provides a core grounding in recent work on defining, measuring, and improving cancer care quality, with a particular focus on overuse, underuse, and misuse across the cancer care continuum. Lead instructor.
 - ♦ Spring 2012 – 8 Students: 6 students for academic credit, 2 auditing.
 - ♦ Fall 2010 – 13 Students (2 withdrew immediately prior to completion).
 - ♦ Fall 2009 – 10 Students: 5 Students for academic credit, 5 students auditing.
- ♦ *HPM 994: Doctoral Dissertation:* Doctoral student dissertations.
 - ♦ Fall 2012 – 3 students.
 - ♦ Spring 2012 – 3 students.
 - ♦ Fall 2011 – 1 student.
- ♦ *HPM 496: Readings in HPM.* Independent study courses, focusing primarily on racial disparities in clinical trial enrollment in North Carolina and the United States.
 - ♦ Spring 2011 – 1 student.
 - ♦ Spring 2010 – 1 student.
 - ♦ Spring 2009 – 1 student.
- ♦ *HPM 230/720: Human Resources Management.* The core human resources course for students in the Executive MHA Program and the Health Care Management Certificate Program. Material covers general human resources, factors contributing to quality and high performance in organizations, and legal and ethical issues in human resources management. Lead instructor.
 - ♦ Spring 2008 – 23 students.
 - ♦ Spring 2007 – 31 students.
 - ♦ Spring 2006 – Approximately 30 students
- ♦ *HPAA 83: Introduction to Health Care Organization Theory, Structure, and Behavior.* A core course for Seniors in UNC's BSPH program teaching basic concepts of organization structure, functions, design, and behavior, as applied to health and human services organizations. Lead Instructor.
 - ♦ Fall 2004 – Approximately 30 students
- ♦ *HPAA 204: Management Principles and Practices – Organization Design and Governance.* (Co-taught). A core management course in the HPAA Public Health Certificate program. Covers an overview of management and a focus in organization design. Co-instructor.
 - ♦ Spring 2004 – Approximately 30 students.
 - ♦ Spring 2003 – Approximately 30 students.
- ♦ *HPAA 130: Organizational Design and Behavior of Health Institutions,* Teaching Assistant supporting Arnold Kaluzny, PhD, in development and administration of this core class in the MHA curriculum.
 - ♦ Spring 2003 – TA for approximately 40 students.

Student Advisees (Actual or anticipated dates of graduation or training completion)

Post-Doctoral Trainees

Mentor or Co-Mentor

- Ramzi Salloum, PhD. Research: Lung cancer treatment and outcomes. (2013).
- Yunkyung Chang, PhD. Research: Disparities in colon cancer treatment. (2012).
- Sophia K. Smith, PhD. Research: Rapid-learning cancer clinics; Survivorship. (2011).
- Sara E. Wobker, MD, MPH. Research: Cancer treatment disparities. (2011).
- April P. Carson, PhD. Research: Treatment and palliation for prostate cancer. (2009).
- Kyna M. Gooden, PhD. Research: Disparities in metastatic prostate cancer. (2008).

PhD/DrPH Students*Chair*

- Leah L. Zullig. “Equity in an equal access system? Quality and timeliness of cancer care in the Veterans Affairs Healthcare System.” (2013).
- Alice K. Fortune Greeley. “Comparative effectiveness and cost of preoperative breast MRI in elderly breast cancer patients.” (2013).
- Shellie D. Ellis. “Declining Overuse of Hormone Therapy for Localized Prostate Cancer: Predictors of Reimbursement Responsiveness and Emerging Patterns of Care.” (2013).

Committee Member

- Charles M. Belden. Topic: “Racial disparities in clinical trial accrual.” (2014).
- Christina D. Mack. “Improving the validity of nonexperimental comparative effectiveness research: The impact of time on prescribing of novel chemotherapeutic therapies for stage III colon cancer.” (2013).
- Laurel C. Trantham, PhD. “Analysis of approaches to radiation therapy in men treated with radical prostatectomy for prostate cancer.” (2012).
- Aaron J. Katz, PhD. “The use, effectiveness, and safety of bevacizumab in older adults with advanced-stage non-small cell lung cancer.” (2012).
- Cecilia Fabrizio, DrPH. “The Hong Kong Cervical Screening Programme: An Exploration of Factors Affecting Physicians’ Adoption of the Innovation.” (2011).
- Stephanie B. Wheeler, PhD. “Quality in Breast Cancer Treatment: Diffusion and Disparities.” (2010).
- Michaela Dinan, PhD. “The effect of increased PET imaging on the staging, outcomes, and health care utilization of Medicare non-small cell lung cancer patients.” (2010).
- Angelo D. Moore, PhD. “The influence of contextual characteristics, individual characteristics, and health behaviors on patient satisfaction for African American men treated for prostate cancer in North Carolina.” (2010).
- Suja Rajan, PhD. “Effects of Preventive Treatment for Neutropenia Among Medicare Cancer Patients.” (2009).
- Wei-Shi (Danny) Yeh, PhD. “Influence of Cancer on Comorbidities among Senior Prostate Cancer Survivors in the United States.” (2009).

Academic Advisor

- Devin Check (2016).
- Rebecca M. Moore (2012).

Master’s Degree Students (Select, most recent).

Academic Advisor

Richard Dunn (2013).
 Kelley Lamb (2013).
 Alexander Nance (2012).
 Britany Williams (2012).
 Greg Chang (2011).

Grants and Contracts*Select Completed Research.*

- ♦ **Contract: HHS29020050040I: AHRQ DEcIDE/DEcIDE-2 Cancer Multi-Center Research Consortium. 2008-2013**
 - In collaboration with investigators at Harvard University's Brigham and Women's Hospital DEcIDE Center, this consortium will use secondary data analysis to generate evidence in comparative effectiveness, effectiveness, safety, and outcomes of cancer care items and services. Providers, policy-makers, and patients will be able to use this information to make choices about health care services.
 - Master Task Order (DEcIDE 1 – 2008-2010)
 - **Cancer Consortium Role: PI Overall Role: Co-I; Award: \$20,000 (Total)**
 - Master Task Order (DEcIDE 2 – 2010-2013)
 - **Cancer Consortium Role: PI Overall Role: Co-I; Award: \$20,000 (Total)**
 - Work Assignment 1: Multi-database examination of comparative chemotherapy outcomes for treatment of advanced colorectal cancer.
 - **Role: PI Award: \$440,000 (Total)**
 - Work Assignment 2: Identify drugs, items, and services to monitor longitudinally in terms of their diffusion into practice and, later, their relative safety and effectiveness.
 - **Role: PI Award: \$10,000 (Total)**
 - Work Assignment 3: Developing a prospective protocol for evaluation of Positron Emission Tomography and cancer treatment outcomes to meet Coverage with Evidence Development (CED) needs for the Centers for Medicare and Medicaid Services (CMS).
 - **Role: PI Award: \$35,000 (Total)**
 - Work Assignment 4: A multi-database retrospective examination of Positron Emission Tomography and cancer treatment outcomes.
 - **Role: PI Award: \$500,000 (Total)**
 - Work Assignment 5: Formation of a data committee to assess data needs for advanced research in cancer comparative effectiveness and outcomes.
 - **Role: PI Award: \$174,000 (Total)**
 - Work Assignment 6: Comparative effectiveness of prostate cancer treatment.
 - **Role: Co-I Award: \$3,378,263 (Total)**
 - Decide 2, Task 3: Developing and Evaluating Methods for Record Linkage and Reducing Bias in Patient Registries
 - **Role: Co-I; PI for Task 1 Award: \$1,112,042 (Total)**
- ♦ **Grant: NCI: R25-CA116339: Cancer Care Quality Training Program (R25T) 2008-2013**
 - **Role: Co-I (Weiner/Basch/Reeve), Mentor Award: \$1,318,714 (Total)**

- The Cancer Care Quality Training Program (CCQTP) offers pre-doctoral (2-3 years) and post-doctoral (2 years) training to clinician and non-clinician scientists who wish to work in multidisciplinary research teams to improve cancer care quality across the cancer care continuum.
- ♦ **Grant: Robert Wood Johnson Foundation: 70339 (Schenck)** **2012-2014**
 - *Role: Co-I* *Award: \$199,876 (Total)*
 - Exploring new methods and measures to assess the impact of the economic recession on public health outcomes.
- ♦ **Grant: NCI: 1 P01 CA142538-01 (Kosorok),** **2009-2014**
 - *Role: Co-I* *Award: \$2,542,900 (Direct)*
 - Statistical Methods for Cancer Clinical Trials - Project 3: This project will develop new and flexible methods for meta-analysis using a variety of models, including models for binary and discrete data, longitudinal data, and time-to-event data. It will also address the issue of design, sample size, and power considerations using these types of meta-analytic models.
- ♦ **Grant: NCI: 1 U54-CA153602-01 (Godley),** **2009-2014**
 - *Role: Co-I* *Award: \$1,778,807 (Total)*
 - *Role: PI of Component Study* *Award: \$216,448 (Total)*
 - Carolina Community Network-II. This cooperative agreement is designed to engage trainees and the community via community-based participatory research to address racial disparities in cancer care and outcomes.
- ♦ **Grant: Health Research Council of New Zealand (subcontract) (No# assigned)** **2011-2013**
 - *Role: Site PI for Subcontract* *Award: \$27,819 (Total, sub)*
 - Comparative Effectiveness Research: One-off Sigmoidoscopy or iFOBT Screening
- ♦ **Grant: NIH R01 (R01-CA124402)** **2007-2013**
 - *Role: Co-I, Lead investigator of 2/5 aims* *Award: \$2,034,077 (Total)*
 - "Implementing Systemic Interventions to Close the Discovery-Delivery Gap." This study examines environmental and organizational characteristics associated with implementation, impact, sustainability, and business success of Practice-Based Research Networks (PBRNs) in cancer care.
- ♦ **Grant: RFA-TR-12-006 – (Runge, PI)** **2013-2018**
 - *Role: Co-Investigator* *Budget: \$62,369,095 (Total)*
 - North Carolina Translational & Clinical Sciences Institute (NC TraCS). The purpose of the Institutional Clinical and Translational Science Awards (CTSA) is to strengthen the entire spectrum of NIH supported translational research. Through integrated homes that build upon and support institutional scientific strengths, they provide research resources and workforce training that improve the quality, validity, generalizability, and efficiency of clinical and translational research.
- ♦ **Contract: HHSN261201100255P: National Cancer Institute** **2011**
 - *Role: PI* *Award: \$8,500 (Total)*
 - "CCOP Sustainability: Assessing the Interplay Between Organizational, Environmental, and Network Factors that Predict Long-Term Performance and Survival." The project employs a longitudinal analysis of all CCOP organizations active from 1991 through 2006 using several secondary data sources. It investigates how organizational, network, and local environmental factors affect survival and performance in the NCI CCOP Program.
- ♦ **Contract: HHSN261200800726P: National Cancer Institute** **2008-2010**
 - *Role: PI* *Award: \$250,634 (Total)*
 - "CCOP Sustainability: Assessing the Interplay Between Organizational, Environmental, and Network Factors that Predict Long-Term Performance and Survival." The project employs a longitudinal analysis

of all CCOP organizations active from 1991 through 2006 using several secondary data sources. It investigates how organizational, network, and local environmental factors affect survival and performance in the NCI CCOP Program.

- ♦ **Grant: (No # Assigned) University Cancer Research Fund** **2008-2009**
 - **Role: PI** **Award: \$175,000 (Total)**
 - Partnering with the North Carolina Central Cancer Registry and the Carolinas Center for Medical Excellence, this study will link cancer registry data to Medicare health insurance claims and data from an observational cohort study to characterize cancer care in North Carolina, characterize the oncology provider population in North Carolina in terms of their specialization and relative volume of patients treated, and identify current or future gaps in cancer care provision that may have implications for access to and quality of care in North Carolina. Findings will inform cancer programs and Deans of North Carolina's medical schools with regard to changing policies and programs to ensure ongoing access to quality cancer care.

- ♦ **Grant: 1 U01 CA114629-01** **2005-2010**
 - **Role: Co-I (Co-Director, Policy & Dissemination Core)** **Award: \$5,210,370 (Total)**
 - **Role: PI of component study** **Award: \$111,000 (Total)**
 - "Carolina Community Network to Reduce Cancer Health Disparities (CCN)." This expanded inter-organizational network explores the use of the community-based participatory research (CBPR) approach to address cancer health disparities. As a part of this project, SEER-Medicare data are being used to examine organizational characteristics, the diffusion of innovations, and racial disparities.
 - "Increasing Cancer Clinical Trial Enrollment in North Carolina Communities." This study uses person-level NCI trial enrollment data and person-level NC Central Cancer Registry data to examine the underenrollment of North Carolina minorities in NCI clinical trials, uses focus groups to understand reasons for under-enrollment, and will develop an intervention to address it.

- ♦ **Grant: CDC PEP (2006-R-09).** **2006-2010**
 - **Role: Co-I** **Award: \$492,457 (Total)**
 - "Why Low-Income Women Don't Receive Radiotherapy (RT) After Breast Conserving Surgery (BCS)." This qualitative study examines the reasons why, among low-income women, one out of every three women who could benefit from RT following BCS does not receive it.

- ♦ **North Carolina Comprehensive Cancer Program. (01342-10)Role: Epidemiologist** **2007-2010**
 - **Role: PI** **Award: \$72,424 (Total)**
 - Analyze burden of cancer in North Carolina, develop portions of NC Cancer Plan, assist in development of evaluation plan, evaluate progress toward goals in NC Cancer Plan, serve as liaison with NC Central Cancer Registry, BRFSS Program, and UNC Cancer-related programs.

- ♦ **Grant: W81XWH-05-1-0208** **2008-2010**
 - **Role: Mentor** **Award: Unknown**
 - Shaw-UNC Center for Prostate Cancer Research. The goal of the grant is to establish infrastructure support to Shaw University junior faculty to conduct prostate cancer research on African American males by providing training, resources, and mentorship opportunities with senior researchers at Shaw and the UNC. Four studies are in-progress exploring innovation diffusion and racial disparities.

- ♦ **Grant: PC040795** **2005-2008**
 - **Role: Co-I** **Award: Unknown**
 - A Case-Control Study of Prostate Cancer Screening Among African American and Caucasian Medicare Recipients. This study is a large-scale (n=~50,000), multi-year (1992-2002) case-control study using SEER-Medicare data to determine if PSA screening is protective against death from prostate cancer.

- ♦ **Grant: 2 R25 CA057726** **2004-2007**
 - **Role: Post-Doctoral Fellow** **Award: Unknown**

- Cancer Control Education Program. The project goal is to support training and development of cancer researchers. This trainee's focus is on prostate cancer, cancer prevention and control, and the diffusion of innovations.

Professional Service

University Service

- ♦ **Member, University of North Carolina Chancellor's Faculty Committee on Research** (2011-2014).
- ♦ **Faculty Director, Integrated Cancer Information and Surveillance System, UNC Lineberger Comprehensive Cancer Center** (2010 - 2014).
- ♦ **Member, Multi-disciplinary Advisory Committee. UNC Cancer Care Quality Training Program.** (2012 - 2014).
- ♦ **Reviewer, 2011-2012 Rita Allen Scholars Award Program** (2011-2012).

Professional service

- ♦ **Ireland Health Research Board – Peer (Grant) Reviewer for Cancer-Related Applications.** Dublin, Ireland. (2012- 2014).
- ♦ **Rex Healthcare / Jimmy V Foundation Prostate Cancer Center of Excellence – Advisory Committee Member.** Raleigh, NC (2008 – 2012).
- ♦ **NavigateCancer Foundation – External Advisor.** Apex, NC. (2012 – Present).
- ♦ **Ireland-Northern Ireland-National Cancer Institute Cancer Consortium – Mentor.** Dublin, Belfast, Rockville (2009 – 2011).
- ♦ **North Carolina Advisory Committee on Cancer Coordination and Control – Member, Evaluation Subcommittee.** Raleigh, NC. (2004 – 2010).
- ♦ **Reviewer for**
 - *Journal of the National Cancer Institute*
 - *Cancer*
 - *Annals of Epidemiology*
 - *Journal of General Internal Medicine*
 - *Implementation Science*
 - *Health Services Research*
 - *Journal of Healthcare Management*
 - *Journal of Healthcare for the Poor and Underserved*
 - *Ethnicity and Health*
 - *American Journal of Managed Care*
 - *The Journal of Rural Health*
 - *Expert Review of Pharmacoeconomics & Outcomes Research*
 - *Journal of Comparative Effectiveness*
 - *BMC Health Services Research*
 - *Journal of Oncology Practice*
- ♦ **National Heart Lung and Blood Institute – Study Section (Reviewer).** Rockville, MD. (2012).
 - *RFA-HL-13-004: Cardiovascular Research Network (CVRN-II).*
- ♦ **National Heart Lung and Blood Institute – Study Section (Reviewer).** Bethesda, MD. (2008).
 - *RFA-HL-07-011: Cardiovascular Research Network (CVRN) in Community-Based Care.*

Community involvement

- ♦ **School Improvement Team Committee** – McDougle Elementary School, Chapel Hill, NC (2014-15)
- ♦ **Alumni Mentoring Program** – Phi Gamma Delta Fraternity, Hampden-Sydney College. (2001 – Present)
- ♦ **Alumni Mentor Program** – Hampton Roads Academy, Newport News, VA. (2000 – Present)

- ♦ **Young Investigator Mentor, Shaw-UNC Center for Prostate Cancer Research** – University of North Carolina, Chapel Hill / Shaw University, Raleigh. (2004 – 2010)
- ♦ **Undergraduate Mentoring Program** – University of North Carolina, Chapel Hill. (2002 – 2004)
- ♦ **Susan G. Komen Breast Cancer Foundation.** (1998 – Present, most years)
 - Volunteer/participant: Race for the Cure / Drive for the Cure, Chapel Hill / Raleigh, NC.
- ♦ **Martha Jefferson Hospital** – Charlottesville, VA. (1996 – 1997)
 - *Teensight* teenage pregnancy prevention and mentoring program.
 - Assisted in administration of community prostate screening program.
- ♦ **Habitat for Humanity** – Newport News, VA; Hampden-Sydney, VA. (1987 – 1993)