



**KAISER
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Kaiser Permanente Washington Health Research (KPWHRI) Institute and Washington Permanente Medical Group (WPMG)

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Current Positions

	Years
Senior Investigator Kaiser Permanente Washington Health Research Institute, KPHRI (Senior investigator 4yrs, Associate Investigator 5 yrs, Affiliate Investigator 6 yrs)	2018 - current
Family Physician Washington Permanente Medical Group (WPMG), Kaiser Permanente Washington (KPWA, previously Group Health Cooperative),	37 years 2021
Professor, Kaiser Permanente Bernard J Tyson School of Medicine Faculty, Department of Health System Science (Methods Mentor, FTE 0.20)	2022

Education and Training

Degrees Awarded

	Year Issued
BA, American Studies with Honors, University of Michigan, Ann Arbor, WA, USA	1973
MD, Medical College of Ohio, Toledo, OH, USA	1977
MPH, Epidemiology, University of Washington (UW), School of Public Health, Seattle, W	1984

Postdoctoral Training

	Years
Residency, Family Medicine, Oregon Health Sciences University, Portland, OR, USA	1977 - 1980
Preventive Medicine Residency, University of Washington, School of Medicine	1982 - 1984
Robert Wood Johnson Fellow, University of Washington, Dept of Family Medicine, WA,USA	1982 - 1984

Certificates

	Year Issued
Fellow of the American Association of Hypertension (FASH)	2010
Fellow of the American Association of Cardiology (FAHA)	2018
FDA License, US Government	1976 - 2018, currently inactive
Citi - CR #28062174 Biomedical Human Subjects Protection certification	expires 7/13/2023
Citi - CR #28062172 Behavioral Intervention	expires 3/24/2024
Citi - CR#38952594 Responsible Conduct of Research	expires 4/24/2024

Academic Activities: Appointments and Educational Roles

Current Academic Appointments

	Years
Professor, Kaiser Permanente Bernard J Tyson School of Medicine Faculty, Department of Population Health Sciences (Methods Mentor, FTE 0.20)	2022 - current
Clinical Professor, University of Washington School of Medicine (UWSOM), Department of Family Medicine (clinical faculty since 2006) Seattle, WA, USA	2022 - current

Prior Academic Appointments

Academic Committee Service

	Years
Advisory committee member for the Northwestern University-Patient-centered and Engagement Training Program (Nu-Patient) K12 Faculty Scholars Training Program	2016 - 2018
Search Committees, Faculty Equity and Inclusion Committee	Multiple



Teaching in Programs and Courses

Instructor, Introduction to Clinical Medicine, UWSOM
Seattle, WA, USA. 1987 - 1988

Clinical Teaching and Supervision

Preceptor, Maine-Dartmouth Family Practice Residency, Augusta, ME, USA 1980 - 1981
 Preceptor, University of Oregon Family Medicine Residency, Portland, OR, USA 1981 - 1982
 Preceptor, Group Health Family Medicine Residency, Seattle, WA, USA 1982 - 1984
 Clinical Instructor, University of Washington School of Medicine, Seattle, WA 1994 - 1997

Advising and Mentoring

Years

Postdoctoral Trainees

Katie O’Farell MD, MPH, UW Family Medicine Fellow 2009 - 2012
 SM. Van Brommel, Maastricht University, Netherlands 2009 - 2010
 Master’s Thesis, systematic review home BP monitoring, patient and health professional knowledge, beliefs, practices
 Sharon Laing PhD, UW, Health Promotion Research Center, Mentor 2012 - 2014
 Current Position: Adjunct Associate Professor, University of Washington, Tacoma

Doctoral Trainees

Christina Chun 2015 - 2016
 UW School of Human Centered Design and Engineering

Faculty

Karen Wernli PhD, KPWHRI, Primary Mentor 2019 - current
 Mentee’s current position, Associate Investigator, KPHRI
 Clarissa Hsu PhD, KPWHRI, Primary Mentor 2021 - current
 Mentees current position, Associate Investigator, KPHRI

Physicians

Susan Powell, MD, MPH, Mentor, WPMG
 Mentees current position: primary care physician
 Assisted physician in obtaining funding, design, evaluation, and publishing results of a quality improvement project.

Medical Students Kaiser Permanente Bernard J Tyson School of Medicine

2022 - current

Henry Dong
 Izzy Franklin
 Heejong Kim
 Kelly Shriver

Teaching Peers

I have presented at KPWA conferences and virtual continuing education activities almost every year on the following topics: hypertension, colorectal and other cancer screening, healthy lifestyles, motivation interviewing skills training sessions.

Other

Course: Introduction to Clinical Medicine (ICM-ii), UWSOM 1995 - 1997
 CME: Vietnam, CME Medical Exchange, Hue Medical College, Hue, Vietnam 2007
 Content area, hypertension and prevention of cardiovascular disease
 UW, Department of Industrial Engineering, required student project. 2010 - 2011
 Title: “Improving the Accuracy of BP measurement in the Clinic” product: thesis, poster



Clinical Activities

Licensure and Board Certification

State Medical Licenses: Washington state (active) 1982 - current
 Oregon, Maine (inactive) 1980 - 1982
 Specialty Certification, Family Medicine Years: 1980, 1987, 1994, 2001, 2008 - 2015

Clinical Practice

Family Medicine physician at KPWA, practiced at least 0.50 to 0.70 FTE from 1984 to 2014, 0.30 2015 - 2017

Clinical Committee Service

Chair of the Committee on Prevention, KPWA, 2001 - 2005
 Oversight for population based preventive guidelines and strategies for implementing these

Chair, Breast Care Steering and Breast Executive Committees, KPWA 2003 - 2005
 Obesity subcommittee member, CDC/Kaiser Care Management Institute 2003 - 2006

Clinical Leadership and Administration

Associate Director of the Department of Preventive Medicine, KPWA, Seattle 1998 - 2005
 Physician lead for population based screening programs and quality improvement initiatives, KPWA
 Preventive health quality improvement activities

Professional Development Activities

Meta-analysis Course Tufts University, Boston, MA August 4 - 8, 2003
 Leadership Training, WPMG, Seattle WA 2005
 Meta-analysis Course, University of Oxford, Oxford Continuing Education, Oxford, UK May 5 - 9, 2008
 Training Institute for Dissemination and Implementation, selected for a July 9 - 13, 2013
 one-week intensive workshop, San Jose, CA
 Leadership Training, Kaiser Permanente Online Learning (workshop and other activities) 2022

Professional Honors and Awards

Award	Institution	Year
Magna Cum Laude; Honors Degree in American Studies	University of Michigan, Ann Arbor	1973
Angell Scholar	University of Michigan. Ann Arbor	1973
Alpha Omega Alpha Medical Honor Society,	Medical College of Ohio	1978
American Women's Association Scholastic Achievement award	Medical College of Ohio	1978
Glenn Hartquist Award for Outstanding Clinical Practice	WPMG	1999
Recognition award for participation as an active teacher	American Family Physicians	2000
Breast Cancer Screening Program 2004 GHP Annual Team Excellence Award	KPWA (previously Group Health Cooperative)	2004
Finalist for the Lifetime Achievement Award	WPMG	2004
Author in the Room	Institute for Healthcare Improvement & JAMA	2008
Short List Nominee British Medical Journal Group Award for Research Paper of the Year.	Green BB et al. JAMA. Jun 25, 2008;299(24):2857-2867	2008
Birnbaum award for the e-BP study pharmacist's contribution to research	KPWA	2009

Top 10% of Reviewers	Journal of the American Board of Family Medicine	2009, 2014 - 2020
Fellow of the American Society for Hypertension (FASH) for contributions to hypertension research.	American Society of Hypertension	2010
Outstanding reviewer	American Journal of Preventive Medicine	2017
Associate Investigator Group – Most grant funding in 2017	Kaiser Permanente Washington Health Research Institute	2018
Fellow of the American Heart Association (FAHA) recognition of outstanding research and professional accomplishments in the field of cardiovascular medicine	American Heart Association	2018
Elected to be a member of the National Steering Committee (2 year term)	National Colorectal Cancer Round Table	2020
Appointed as a member of the Validated BP Device Listing Steering Committee	American Medical Association	2021
Vice-chair of the Section on Hypertension of the Tele-Cardiology Working Group	International Society for Telemedicine and eHealth	2021
Appointed to the American Heart Association Primary Care Committee Council on Quality of Care and Outcomes Research (QCOR). Elected position	American Heart Association	2022
Appointed to the Target:BP Advisory Group. Two year term	American Heart Association and American Medical Association	2022
Abbreviations: WPMG, Washington Permanente Medical Group; KPWA, Kaiser Permanente Washington; JAMA, Journal of the American Medical Association;		

Scholarship and Research: Peer Reviewed

1. Soman MP, **Green BB**, Daling JR. Risk factors for early neonatal sepsis. *Am J Epidemiol*. 1985;121:712-9.
2. **Green BB**, Daling JR, Weiss NS, Liff JM, Koepsell T. Exercise as a risk factor for infertility with ovulatory infertility. *Am J Public Health*. 1986; 76:1432-1436. PMID: PMC1646979.
3. **Green BB**, Weiss NS, Daling JR. Risk of ovulatory infertility in relation to body weight. *Fertil Steril*. 1988;50:721-6.
4. **Green BB**, McAfee T, Madsen L, Caplow M, Buist D. Effectiveness of telephone support in increasing physical activity levels in primary care patients. *Am J Prev Med*. 2002;22:177-83.
5. **Green BB**, Kaplan RC, Psaty BM. How minor changes in the definition of blood pressure control affect the reported success of hypertension treatment? *Am J Manag Care*. 2003;9:219-24. PMID: 12643339.
6. **Green BB**, Taplin S. Breast cancer screening controversies. *J Am Board Fam Pract*. 2003;16:233-41.
7. **Green BB**. MyBP: Improving care of high blood pressure. *Am J Hypertens*. 2005;18:263A.
8. Scholes D, Grothaus L, McClure J, Reid R, Fishman P, Sisk C, Lindenbaum JE, **Green BB**, Grafton J, Thompson RS. A randomized trial of strategies to increase chlamydia screening in young women. *Prev Med*. 2006;43:343-50.
9. Glasgow RE, Nelson CC, Kearney MA, Reid R, Ritzwoller DP, Strecher VJ, Couper M, **Green BB**, Wildenhaus K. Reach, engagement, and retention in an internet-based weight loss program in a multi-site RCT. *J Med Internet Res*. 2007;9:e11. PMID: PMC1874718.
10. **Green BB**, Ralston JD, Fishman PA, Catz SL, Cook A, Carlson J, Tyll L, Carrell D, Thompson RS. Electronic communications and home blood pressure monitoring (e-BP) study: design, delivery, and evaluation framework. *Contemp Clin Trials*. 2008; 29(3):376-95. PMID: 2645352.
11. **Green BB**, Cheadle A, Pellegrini AS, Harris JR. Active for Life: a work-based physical activity program. *Prev Chronic Dis*. 2007;4:A63.
12. **Green BB**, Cook AJ, Ralston JD, Fishman PA, Catz SL, Carlson J, Carrell D, Tyll L, Larson EB, Thompson RS. Effectiveness of home blood pressure monitoring, Web communication, and pharmacist care on hypertension control: The e-BP randomized controlled trial. *JAMA*. 2008;299:2857-67. PMID:

PMC2715866. Cited by 696 articles. Short-listed by the British Medical Journal for article of the year.

13. **Green BB**, Cook AJ, Ralston JD, Carlson J. Patient use of and satisfaction with a Web-based pharmacist intervention (the e-BP trial) to improve hypertension control. *J Clin Hypertens*. 2009; 11(4s): A58.
14. **Green BB**, Wang CY, Horner K, Catz S, Meenan RT, Vernon SW, Carrell D, Chubak J, Ko C, Laing S, Bogart A. Systems of support to increase colorectal cancer screening and follow-up rates (SOS): Design, challenges, and baseline characteristics of trial participants. *Contemp Clin Trials*. 2010;31:589-603. PMID: PMC2956868.
15. **Green BB**, Anderson ML, Ralston JD, Catz S, Fishman PA, Cook AJ. Patient ability and willingness to participate in a web-based intervention to improve hypertension control. *J Med Internet Res*. 2011;13:e1. PMID: PMC3217242.
16. Fishman PA, Anderson ML, Cook AJ, Ralston JD, Catz SL, Carlson J, Larson EB, **Green BB**. Accuracy of blood pressure measurements reported in an electronic medical record during routine primary care visits. *J Clin Hypertens (Greenwich)*. 2011;13:821-8. PMID: PMC3211104.
17. **Green BB**, Estabrooks P. Assessing the scale-up of a weight loss program: narrowing the gap between research and practice. *Am J Prev Med*. 2011;41:548-9. PMID: PMC3953454.
18. Carter BL, Bosworth HB, **Green BB**. The hypertension team: the role of the pharmacist, nurse and teamwork in hypertension therapy. *J Clin Hypertens*. 2012 Jan;14(1):51-65. PMID: 3257828
19. **Green BB**, Bogart A, Chubak J, Vernon SW, Morales LS, Meenan RT, Laing SS, Fuller S, Ko C, Wang CY. Nonparticipants in population-based trial to increase colorectal cancer screening rates. *Am J Prev Med*. 2012 Apr;42: 390-397. PMID: 3549634
20. **Green BB**, Anderson ML, Cook AJ, Catz S, Fishman PA, McClure JB, Reid R. Using BMI data in the electronic health record to calculate cardiovascular risk. *Am J Prev Med*. 2012 Apr; 42(4):342-247. PMID: 3308122
21. O'Farrell C, Baldwin LM, Reid R, **Green BB**, Bowen D. Physician-patient colorectal cancer screening discussions among physicians with high and low cancer screening rates. *J Am Board Fam Med*. 2012;25:771-81.
22. **Green BB**, Wang CY, Anderson ML, Chubak J, Meenan RT, Vernon SW, Fuller S. An automated intervention with stepped increases in support to increase uptake of colorectal cancer screening. A randomized controlled trial. *Annals of Internal Medicine*. 2013 Mar 5; 158(5 Pt 1):301-311. PMID: 3953144
23. Magid D, **Green BB**. Take it to the Bank. *JAMA*. Jul 3; 2013 310(1):40-1. doi: 10.1001/jama.2013.6550. PubMed PMID: 23821085.
24. **Green BB**, Anderson ML, Ralston JD, Catz S, Fishman PA, Cook AJ. Blood Pressure One Year after Completion of Web-based Pharmacist Care. *JAMA. Internal Medicine*. 2013 Jul 8; 173(13):1250-2. PMID:23689927
25. Fishman PA, Cook AJ, Anderson MS, Ralston JD, Catz SL, Carlson J, **Green BB**. Improving BP Control through Electronic Communications: An Economic Evaluation. *American Journal of Managed Care*. 2013 Sep; 19(9):709-16. PMID: 3938103
26. Robins LS, Jackson JE, **Green BB**, Korngiebel D, Force RW, Baldwin LM. Barriers and facilitators to evidence-based blood pressure control in community practice. *J Am Board FAM Med*. 2013 Sep-Oct; 26(5):539-57. PMID: 3882900
27. **Green BB**. Caring for Patients with Multiple Chronic Conditions: Balancing Evidenced-based and Patient-centered Care. *Journal of the American Board of Family Medicine*. 2013 Sep-Oct;26(5):484-5PubMed PMID: 24004699
28. Chubak J, Bogart A, Fuller S, Laing SS, **Green BB**. Uptake and positive predictive value of fecal occult blood tests: A randomized controlled trial. *Prev Med*. 2013 Nov; 57(5):671-8. PMID: 3856243
29. Murphy CC, Haddock NM, Anderson ML, Chubak J; **Green BB**. Longitudinal predictors of colorectal cancer screening among participants in a randomized controlled trial. *Prev Med*. 2014 Jun 15; 66c:123-130. PMID: 4209306
30. Laing SS, Bogart A, Chubak J, Fuller S, **Green BB**. Psychological Distress after a Positive Fecal Occult

- Blood Test Result among Members of an Integrated Healthcare Delivery System. *Cancer Epidemiol Biomarkers Prev.* 2014 Jan; 23(1):154-9. PMID: 3947142
31. Woolf SH, Tracy Orleans C, **Green BB**, Curry S, Thompson RS, Bauman A, Wallace RB. Transforming preventive medicine science, practice, education, and policy: looking back at the last 20 years of the American Journal of Preventive Medicine. *Am J Prev Med.* 2013 Dec; 45(6):678-86. PMID: 24237909
 32. Coronado G, Sanchez J, Devoe J, **Green BB**. Advantages of Wordless Instructions on how to Complete a Fecal Immunochemical Test: Lessons from Patient Advisory Council Members of a Federally Qualified Health Center. *J Cancer Educ.* 2014 Mar; 29(1):86-90. PMID: 3946071
 33. James D. Ralston MD MPH, Andrea J. Cook PhD, Melissa L. Anderson MS, Sheryl L. Catz PhD, Paul A. Fishman PhD, James Carlson PharmD, Ron Johnson MA, Beverly B. **Green MD MPH**. Home blood pressure monitoring, secure electronic messaging and medication intensification for improving hypertension control: a mediation analysis. *Applied Clinical Informatics.* 2014 Mar 12; 5(1):232-48. PMID: 3974258
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 35. **Green BB**, Anderson ML, Cook AJ, Catz S, Fishman PA, McClure JB, Reid R. e-Care for Heart Wellness. A Feasibility Trial to Decrease Blood Pressure and Cardiovascular Risk. *Am J Prev Med.* 2014 Apr; 46(4):368-77. Doi: 10.1016/j.amepre.2013.11.009. PMID: 3978093
 36. **Green BB**, Coronado GD, Devoe JE, Allison J. Navigating the Murky Waters of Colorectal Cancer Screening and Health Care Reform. *Am J Public Health.* 2014 Jun; 104(6):982-6. PMID: 4062021
 37. Coronado GD, Vollmer WM, Petrik A, Aquirre J, Kapka T, DeVoe J, Puro J, Miers T, Turner A, Sanchez J, Retecki S, Nelson C, **Green BB**. Strategies and Opportunities to STOP Colon Cancer in Priority Populations: Pragmatic Pilot Study Design and Outcomes. *BMC Cancer.* 2014 Feb 26; 14:55. PMID: 3936821
 38. Wernli KJ, Hubbard RA, Johnson E, Chubak J, Kamineni A, **Green BB**, Rutter CM. Patterns of colorectal cancer screening uptake in newly-eligible men and women. *Cancer Epidemiol Biomarkers Prev.* 2014 Jul; 23(7):1230-7. PMID: 4082473
 39. Coronado GD, Burdick T, Kapka T, Retecki S, **Green BB**. Using an automated data-driven EHR-embedded program for mailing FIT kits: Lessons from the STOP CRC pilot study. *Journal of General Practice.* 2014 Feb 26; 14:55. PMID: 3936821
 40. Wang VY, De Dieu Tapsoba J, Anderson M, Vernon S, Chubak J, Fuller S, **Green BB**. Time to Screening in the Systems of Support to Increase Colorectal Cancer Screening Trial. *Cancer Epidemiol Biomarkers Prev.* 2014 Aug; 23(8):1683-8. PMID: 4119537
 41. Coronado GD, Vollmer WM, Petrik A, Taplin S, Burdick T, Meenan RT, **Green BB**. Strategies and Opportunities to STOP Colon Cancer in Priority Populations, *Methods. Contemporary Trials.* *BMC Cancer.* 2014 Feb 26; 14:55. PMID: 3936821
 42. Coronado GD, Schneider JL, Sanchez JJ, Petrik AF. **Green BB**. Reasons for non-response to a direct-mailed FIT program: lessons learned from a pragmatic colorectal cancer screening study in a federally sponsored health center. *Transl Behav Med.* 2015 Mar; 5(1):60-7. PMID: 4332898
 43. **Green BB**, Anderson ML, Wang CY, Vernon SW, Chubak J, Meenan RT, Fuller S. A Randomized Trial to Evaluate Nurse Navigation Follow-Up after a Positive Fecal Occult Blood Test or Sigmoidoscopy on Complete Diagnostic Testing in an Integrated Health Care System. *J Am Board Fam Med.* 2014 Nov-Dec; 27(6):789-95. PMID: 4278960.
 44. **Green BB**, Coronado GD. "BeneFITs" to increase colorectal cancer screening in priority populations. *JAMA Intern Med.* 2014 Aug; 174(8):1242-3. PMID: 4217574
 45. Meenan RT, Anderson ML, Chubak J, Vernon SW, Fuller S, Wang CT, **Green BB**. An economic evaluation of colorectal cancer screening in primary care practice. *Am J Prev Med.* 2015 Jun; 48(6):714-21. doi: PMC4217574. 10.1016/j.amepre.2014.12.016. PMID: 4441758
 46. **Green BB**. BP Here, There, and Everywhere. Mobile Health Applications (Apps) and HTN Care. *J Am Soc Hypertens*, Accepted 12-15-2014. *J Am Soc Hypertens.* 2015 Feb; 9(2):137-9. doi:

- 10.1016/j.jash.2014.12.010. Epub 2014 Dec 24. PMID: 25660365.
47. Hamine S, Gerth-Guyette E, Faulx F, **Green BB**, Ginsburg AS. "m-Adherence" and Chronic Diseases Management: A Systematic Review. *J Med Internet Res*. 2015 Feb 24;17(2):e52.
 48. Margolis KL, Asche SE, Bergdall AR, Dehmer SP, Maciosek MV, Nyboer Resorcinol PJ, Pawloski PA, Sperl-Hillen JM, Trower NK, Tucker AD, **Green BB**. A Successful Multifaceted Trial to Improve Hypertension Control in Primary Care: Why Did It Work? *J Gen Intern Med*. 2015 Nov; 30(11):1665-72. PMID: 4617923
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 50. Reid RJ, Anderson ML, Fishman PA, McClure JB, Johnson RL, Catz SL, **Green BB**. Relationship between cardiovascular risk and lipid testing in one health care system: a retrospective cohort study. *BMC Health Serv Res*. 2015 Jul 23; 15(1): 281. PubMed PMID: 26201968. PMID: 4511977
 51. James Sheppard, Katherine Tucker, Richard Stevens, Hayden Bosworth, Ilkka Kantola, Sally Kerry, Marshall Godwin, **Beverly Green**, David Magid, Karen Margolis, Brian McKinstry, Stefano Omboni, Gianfranco Parati, Nashat Qamar, Willem Verberk, Richard Hobbs, Richard McManus. Individual patient data meta-analysis of self-monitoring of blood pressure (BP-SMART) *Journal of the American Society of Hypertension* 04/2015; 9(4): e47. DOI: 10.1016/j.jash.2015.03.108
 52. Volmer WM, Coronado GD, **Green BB**. Analytic Challenges Arising from the STOP CRC Trial: Pragmatic Solutions for Pragmatic Problems" eGEMs (Generating Evidence & Methods to improve patient outcomes) accepted 11-16-15, 2015 Dec 9; 3(1):1200. PMID: 470809
 53. Gloria D Coronado, Sally Retecki, Jennifer Schneider, Stephen H Taplin, Tim Burdick, Beverly B **Green**. Recruiting community health centers into pragmatic research: Findings from STOP CRC. 2016 Apr;13(2):214-22. PMID: 4785071.
 54. **Green BB**, Anderson ML, Chubak J, Fuller S, Meenan RT, Vernon SW. Impact of continued mailed fecal tests in the patient-centered medical home: Year 3 of the Systems of Support to Increase Colon Cancer Screening and Follow-Up randomized trial. *Cancer*. 2016 Jan 15; 122(2):312-21. PMID: 4868396
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- adherence among hypertensive patients receiving home blood pressure telemonitoring and pharmacist management. *J Clin Pharm Ther.* 2016 Oct; 41(5):493-8. PMID: 5644343.
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145. Domit R, Ziebell RA, Kaminen A, Phipps AI, Weiss NS, Breslau ES, Corley DA, **Green BB**, Halm EA, Levin TR, Schottinger JE, Chubak J. Risk of colorectal cancer and colorectal cancer mortality beginning 10 years after a negative colonoscopy, among screen-eligible patients 76-85 years old. *Cancer Epidemiology, Biomarkers, and Prevention*. Accepted 8-23-22. *Cancer Epidemiol Biomarkers Prev*. 2022 Sep 13:EPI-22-0581. doi: 10.1158/1055-9965.EPI-22-0581. Epub ahead of print. PMID: 36099431.
 146. Margolis KL, Bergdall, Crain AL, Jaka MM, Anderson JP, Solberg LI, Beran MS, **Green BB**, Haugen P, Norton C, Kodet AJ, Sharma R, Appana D, Trower NK, Pawloski PA, Pharauder DJ, McKinney A, Kottke TE, Ziegenfuss JY, Williams RA, O'Connor PJ. Pragmatic Cluster-Randomized Trial Comparing Pharmacist-Led Telehealth Care and Clinic-Based Care for Uncontrolled High Blood Pressure. *Hypertension*. Accepted 9-7-22. *Hypertension*. 2022 Dec;79(12):2708-2720. PMID: PMC9649877. <https://doi.org/10.1161/HYPERTENSIONAHA.122.19816> <https://www.ahajournals.org/doi/suppl/10.1161/HYPERTENSIONAHA.122.19816>
 147. Winer R, Lin J, Anderson ML, Tiro J, Hongyuan G, Meenan R, Sparks A, Green DN, Kilgore-Martin S, **Green BB**, Buist D. Design of a pragmatic randomized controlled trial of home-based human papillomavirus (HPV) self-sampling for increasing cervical cancer screening uptake in a U.S. healthcare system: the STEP trial. *Contemporary Clinical Trials*. Accepted Oct 4, 2022.
 148. Huguet N, **Green BB**, Voss RW, Larson AE, Angier H, Marino M, Liu S, Latkovic-Taber M, DeVoe JE. Factors associated with always, partially, or never controlled blood pressure among patients with hypertension receiving care in community health centers. *Am J Prev Med*. 2023 Jan 4:S0749-3797(22)00564-5. doi: 10.1016/j.amepre.2022.11.002. Epub ahead of print. PMID: 36609093.
 149. Thompson MJ, Anderson ML, Cook AJ, Ehrlich K, Hall YN, Hsu C, Margolis KL, McClure JB, Munson SA, **Green BB**. Acceptability and Adherence to Home, Kiosk, and Clinic Blood Pressure Measurement Compared to 24-H Ambulatory Monitoring. *J Gen Intern Med*. 2023 Jan 17:1–8. doi: 10.1007/s11606-023-08036-3. Epub ahead of print. PMID: 36650328; PMID: PMC9845022
 150. **Green BB**. Defensive Information Processing. Peer reviewed editorial submitted to *Cancer*. Accepted November 22, 2022. Will be published on 2-11-23
 151. Hsu C, Hansell L, Ehrlich K, Munson S, Anderson ML, Margolis KL, McClure JB, Hall J, Thompson MJ, Joseph D, **Green BB**. Primary Care Physician Knowledge, Beliefs and Practice regarding Blood Pressure Measurement: Results from BP-CHECK Qualitative Interviews. Submitted to *BMC Health Services*. Accepted 12-20-22.

Forthcoming Articles – Print Journals

1. Beaver E, Zheng Y, Chubak J, Corley D, Doria-Rose P, Torp J, Vachani A, Barlow W, Burnett-Hartman A, Lafata J, **Green BB**, Haas J, Li C, Selby K, Crosswell J. Effective, Safe, Time, Equitable, and Patient-centered Cancer Screening Quality Measures. Submitted to *Cancer*. R1
2. Selby K, Sedki M, Levine E, Kaminen A, **Green BB**, Vachani A, Haas JS, Ritzwoller DP, Crosswell DM, Ohikere K, Doria-Rose VP, Rendle KA, Chubak J, Lafata JE, Inadomi J, Corley DA. Test performance metrics for breast, cervical, colon and lung cancer screening: a systematic review and recommendations from the National Cancer Institute's PROSPR consortium. Submitted to *JNCI*. R1
3. Hall Y, Anderson ML, Ehrlich K, Hall YN, Margolis KL, McClure JB, Thompson MJ, **Green BB**. Integrating Blood Pressure Diagnostic Testing into Clinical Practice in the BP-CHECK study. Submitted to *JGIM*
4. Elaine C. Khoong, MD, MS; **Beverly B. Green, MD, MPH**; James D Ralston, MD, MPH; Crystal Zhou, PharmD; Faviola Garcia; Charles E. McCulloch, PhD; Urmimala Sarkar, MD, MPH; Courtney R. Lyles, PhD Randomized trial protocol for remote monitoring for equity in advancing the control of hypertension in safety net systems (REACH-SNS) study. Submitted to *Contemporary Clinical Trials* 12-15-22

BOOK CHAPTERS

1. McAfee TA, **Green BB**. Chapter 7: Health Promotion. *Current Care of Women: Diagnosis and Treatment*. 2nd ed: McGraw Hill; 2004.

OTHER PUBLICATIONS

1. **Green BB**. A patient-centered, workplace-based counselling program may increase workers' physical activity (Commentary). *Evid Based Health*. 2003;7:138-9..
2. **Green BB**, Cheadle A, Pellegrini A, Harris JR. Active for Life: An evaluation of a worksite-based physical activity program. NAASO's Scientific Meeting; Vancouver, Canada, 2005.
3. **Green BB**. Web-based care: a new paradigm in hypertension management? *Therapy*. 2008;5:735-7.
4. An intervention involving pharmacist care via the Web improved blood pressure control in uncontrolled hypertension. *ACP J Club*. 2008;149:11.
5. **Green BB**. Web-facilitated home monitoring and ongoing pharmacist support improve blood pressure control in hypertensive patients Washington, DC: Agency for Healthcare Research and Quality; 2008; Available from: <https://innovations.ahrq.gov/profiles/web-facilitated-home-monitoring-and-ongoing-pharmacist-support-improve-blood-pressure>.
6. Comprehensive Cancer Control Partnership, (Including **Green, BB**). Washington State Cancer Control Plan 2004-2008. Olympia, Washington: Washington State Department of Health; 2004.
7. NIH Collaboratory Phenotypes, Data Standards, and Data Quality Core. Assessing data quality for healthcare systems data used in clinical research. *Rethinking Clinical Trials*: Duke University; 2015; Available from: <https://sites.duke.edu/rethinkingclinicaltrials/assessing-data-quality/>.
8. NIH Collaboratory Health Care Systems Interactions Core. Lessons learned from the NIH Health Care Systems Collaboratory demonstration projects. *Rethinking Clinical Trials*; 2016. Available from: <https://sites.duke.edu/rethinkingclinicaltrials/tools-for-research/lesson-learned-from-the-national-institutes-of-health-nih-health-care-research-collaboratory-demonstration-projects/>
9. Alpert B, **Green BB**, Townsend R, Padwal R, Gelfer M. What is a 'validated' blood pressure kiosk and why should you care? *Drug Store News*; May 2017; Available from: <https://drugstorenews.com/pharmacy/what-validated-blood-pressure-kiosk-and-why-should-you-care>.
10. Tuzzio L, Chambers D, Tambor E, Suls J, **Green BB**, Huang S, Weinfurt K, Zatzick D. Dissemination Approaches for Different Stakeholders: Introduction. In: *Rethinking Clinical Trials: A Living Textbook of Pragmatic Clinical Trials*. Bethesda, MD: NIH Health Care Systems Research Collaboratory. Available at: <https://rethinkingclinicaltrials.org/chapters/dissemination/dissemination-different-stakeholders/dissemination-to-different-stakeholder-introduction/>. Updated November 2, 2022. DOI: 10.28929/083.
11. Simon G, Coronado G, DeBar L, Dember L, **Green BB**, Huang S, Jarvik J, Mor V, Ramsberg J, Septimus E, Vazquez M, Vollmer W, Zatzick D, Hernandez A, Platt R. Data Sharing and Embedded Research: Introduction. In: *Rethinking Clinical Trials: A Living Textbook of Pragmatic Clinical Trials*. Bethesda, MD: NIH Health Care Systems Research Collaboratory. Available at: <https://rethinkingclinicaltrials.org/chapters/dissemination/data-share-top/data-sharing-and-embedded-research-introduction/>. Updated July 25, 2019. DOI: 10.28929/068.
12. Chambers D, Coronado G, **Green BB**, Jarvik J, Septimus E, Tuzzio L, Zatzick D. Designing with Implementation and Dissemination in Mind: Introduction. In: *Rethinking Clinical Trials: A Living Textbook of Pragmatic Clinical Trials*. Bethesda, MD: NIH Health Care Systems Research Collaboratory. Available at: <https://rethinkingclinicaltrials.org/chapters/design/designing-implementation-dissemination-mind-top/designing-with-implementation-and-dissemination-in-mind-introduction/>. Updated January 22, 2021. DOI: 10.28929/049.
13. Zatzick D, Tuzzio L, Chambers D, Suls J, Darnell D, Coronado G, DeBar L, **Green BB**, Huang S, Jarvik J, Septimus E, Simon G, Vazquez M. Dissemination and Implementation: Conceptualizing the Challenge. In: *Rethinking Clinical Trials: A Living Textbook of Pragmatic Clinical Trials*. Bethesda, MD: NIH Health Care Systems Research Collaboratory. Available at: <https://rethinkingclinicaltrials.org/chapters/dissemination/dissemination-implementation-top/conceptualizing-the-challenge-of-dissemination-and-implementation-in-pragmatic-research/>. Updated June 1, 2020. DOI: 10.28929/072.

1. Group Health Cooperative patient education pamphlets. Topics include: nutrition, hypertension, cholesterol, folate, calcium, exercise, asthma, obesity and osteoporosis. 1994—2005
2. Writer and editor for Group Health Cooperative MY.GHC web pages. Including the Health Risk Assessment Tool, 1999-2005.
3. Breast Cancer Screening Guideline, GHC, Revised Clinical Practice Guidelines, 2001, 2004.
4. Colorectal Cancer Screening Guideline, GHC, Revised Clinical Practice Guidelines, 2001, 2004, 2010, 2013, 2019.
5. Chlamydia Guideline, GHC Web page, Clinical Practice Guidelines and other related GHC publications, 2000, 2002.
6. Pneumococcal Vaccine Guideline for Adults and Children GHC Clinical Practice Guidelines, and other related GHC publications, 2000.
7. Elevated Blood Pressure Guideline GHC Web page, Clinical Practice Guidelines, and other related GHC publications, 2000, 2004.
8. White Paper on Strategies to Address Obesity. Report to the GHC Quality Committee on current resources, gaps and recommendations to prevent and treat obesity, 2004
9. Recommendations for Weight Management and Morbid Obesity Surgery, GHC Web page, 1999, 2004.
10. Nutrition Guideline for Ages 2 to Adult, GHC Clinical Practice Guidelines, and other related GHC publications, 1995.
11. Prostate Specific Antigen (PSA) Screening Test for Prostate Cancer, GHC Web page, Clinical Practice Guidelines, GHC Forum Magazine, and other GHC publications, 1993.
12. Recommendations for Routine Urinalysis Screening, Report to the GHC Urinalysis Subcommittee of the Committee on Prevention. Related article in GHC Forum Magazine, 1991.

Grant Activities

Grant Funding

Current

Agency: National Heart, Lung, and Blood Institute (NHLBI), RO1HL159372, Lyles 9/20/2021 - 8/31/2026

Title: Remote monitoring for Equity in Advancing Control of Hypertension (REACH)

To adapt a hypertension management program that has been shown to work in integrated delivery systems and implement it in a safety net healthcare system (San Francisco Health Network) with diverse minoritized patients randomized and test its effectiveness in a pragmatic randomized controlled trial. Y

Level of funding: \$348,881

Role: Co-investigator, Effort 10%

Agency: National Cancer Institute (NCI), R01CA262015, Wernli 7/15/2021 - 6/30/2026

Title: Multilevel Interventions to Increase Adherence to Lung Cancer Screening (LARCH)

A pragmatic randomized controlled trial to test different strategies for increasing adherence to lung cancer screening.

Level of funding: \$3,299,124

Role: Co-investigator, Effort 8%

Agency: Patient Centered Outcomes Research Institute (PCORI), CER-1511032979, Hsu 8/1/2021 - 8/31/2025

Title: Engaging Staff to Improve COVID-19 Vaccination Rates at Long-Term Care Facilities (ENSPIRE)

A comparative cluster randomized effectiveness trial comparing different communication strategies for decreasing COVID-19 vaccine hesitancy among long-term care facility health care workers.

Level of funding: \$3,528,429

Role: Co-investigator, Effort 10%

Agency: Center for Disease and Infection Control (CDC), U48 DP001911, Ko

9/30/2019 - 9/29/2024

Title: Alliance for Reducing Cancer, Northwest (ARCNW)



This Seattle-based site for the Cancer Prevention and Control Research Network, which aims to facilitate and conduct community-based cancer prevention and control research that will build upon existing knowledge of cancer prevention and control and lead to the adoption, implementation, and dissemination of successful programs in communities.

Level of funding: \$52,367

Role: Co-investigator, Effort 5%

Agency: National Cancer Institute (NCI), R01CA249375, Green, Winer 7/1/2019 - 12/31/2023

Title: Self-Testing options in the Era of Primary HPV screening for cervical cancer (STEP) trial

A pragmatic randomized controlled trial among women aged 30-65 overdue for cervical cancer screening comparing: 1. direct mailing of home HPV kits, 2. opt-in strategies for providing home HPV, to 3. usual care on completion of cervical cancer screening.

Level of funding: \$2,858,550

Role: Principle Investigator, Effort 15%

Agency: National Heart, Lung, and Blood Institute (NHLBI), RO1HL136575, Devoe 4/1/2018 - 3/31/2023

Title: Evaluating Control of Hypertension - Effect of Social Determinants (ECHOES)

This study will use electronic health record (EHR) data from the ADVANCE clinical data research network of PCORnet to compare hypertension control outcomes and moderators among 2,000,000 patients receiving care from 376 Community Health Centers (CHCs) in 14 states with expanded Medicaid to 224 CHCs that did not expand Medicaid.

Level of funding: \$115,899

Role: Co-investigator, Effort 10%

Agency: National Heart, Lung, and Blood Institute (NHLBI), Rosenberg 6/1/2018 - 3/31/2023

Title: Healthy Aging Resources to Thrive (HART, R01HL132880, Rosenberg)

Randomized trial of wrist activity monitor plus behavioral intervention to reduce sitting time. Primary outcomes sedentary time, blood pressure.

Level of funding: \$3,290,139

Role: Co-investigator, Effort 5%

Agency: National Cancer Institute (NCI), U54CA163261, Corley 4/15/2018 - 3/31/2023

Title: Population-based Research to Optimize the Screening Process (PROSPR)

To conduct well-powered observational studies (8,900,000 patients) to close evidence gaps regarding in *whom* and *when* colorectal cancer screening and surveillance should be performed, *why* failures occur, and *how* to improve test effectiveness.

Level of funding: \$4,404,170

Role: Co-investigator, Effort 5%

Agency: Kaiser Permanente Washington Health Research Institute (Green) 8/1/22 – 12/31/2023

Title: Blood Pressure Checks for Improving Hypertension Diagnosis V2.

Quality improvement project for increasing patient engagement in home BP monitoring

Role: Principal Investigator, Innovation Effort 5%

Completed

Agency: Agency for Health Research and Quality, RO1HS10514, Thompson 1999 - 2003

Title: Translating Chlamydia Guidelines into Practice (TRIP)

The goal of the study is to evaluate the effectiveness of several multi-faceted strategies for Chlamydia screening guideline implementation.

Role: Co-investigator

Agency: Spacelabs, HS-00-097, Green 2000 - 2001

Title: Validation of a Blood Pressure Kiosk

The goal of this project was to test the accuracy and utility of the Vitastat BP monitor computer-based kiosk.



Role: Principal Investigator

Agency: National Cancer Institute, CA 78424-01A1, Lewis 2000 - 2005

Agency: National Cancer Institute

Title: Helping the Mother with Breast Cancer Support Her Children

A randomized trial to evaluate the impact of a multi-component in-home educational counseling program on the quality of the mother-child relationship and the child's behavioral-emotional adjustment to the acute phase of the mother's breast cancer treatment.

Role: Site Principal Investigator

Agency: National Cancer Institute, U01 CA63731, Buist 2000 - 2005

Title: Breast Cancer Surveillance in a Defined Population

The goal of this study is to continue multidisciplinary collaboration using carefully designed prospective observational and evaluative studies to contribute to improvements in breast cancer screening and the understanding of breast cancer biology. Dr. Green is the liaison physician between the surveillance team and the GHC Breast Cancer Screening Program.

Role: Co-investigator

Agency: Group Health Foundation, Reid 2003 - 2004

Title: Patterns in the Use of the Adult "Periodic Health Examination"

Retrospective analysis of utilization, costs, and co-factors related to screening examinations and tests of Group Health Patients.

Role: Co-investigator

Agency: Robert Wood Johnson Foundation, None, Glasgow 2003 - 2007

Title: Effectiveness of Web-based Tailored Weight Management Program (TheME)

To test effectiveness of tailored web-based weight management program with and without nutrition and goal setting support.

Role: Co-Investigator

Agency: CDC, Harris, None 2005 - 2007

Title: Surveillance of Screening for Colon and Prostate Cancer in Washington State

To establish baseline of colorectal and prostate cancer screening levels in Washington state.

Role: Site Principal Investigator

Agency: National Heart Lung Blood Institute, 5 R01 HL075263, Green 2004 - 2009

Title: Electronic Communications & Home BP Monitoring (e-BP)

Randomized controlled trial testing the use of home BP monitoring, patient portal communication, and pharmacist collaborative care to improve hypertension control.

Level of Funding: \$3,600,000

Role: Principal Investigator

Agency: Group Health Research Institute mid-Year Requests 2006 - 2007

Title: Elevated Blood Pressure in the Electronic Medical Record (Embers)

This analysis will ascertain the completeness of BP data and diagnoses captured in the EHR

Role: Principal Investigator

Agency: National Cancer Institute, R01CA121125 2007 - 2013

Title: Systems of Support (SOS) to Increase Colon Cancer Screening

This pragmatic randomized controlled trial enrolled 4675 patients aged 50-79 overdue for colorectal cancer screening to either usual care, mailed fecal tests, mailed fecal tests plus medical assistant brief assistance, or mailed, assistance, plus nurse navigation. The primary outcome was adherence to colorectal cancer screening over two years.

Level of Funding

Role: Principal Investigator

Agency: NHLBI, 1RC1HL100590 2009 - 2012

Title: Collaborative Behavioral e-Care to Decrease Cardiovascular Risk (e-Care of Heart Wellness)



Using EHR records we identified at moderate risk for cardiovascular disease and uncontrolled hypertension to participate in a randomized controlled study of Web-based patient portal collaborative care delivered by dietitians to decrease CVD risk.

Role: Principal Investigator

Agency: National Heart, Lung, and Blood Institute, 2R-01HL075263 2009 - 2013

Title: Long-Term Outcomes and Costs of Web-Based Hypertension Care (e-BPLT)

The e-BP study showed that HTN control was improved with home BP monitors, patient web-portal communications, and pharmacist assistance. We studied the long-term effects of a Web-based HTN intervention on BP and health care costs.

Role: Principal Investigator

Agency: Group Health Research Institute Directors Fund 2011

Title: Communications and Improving Hypertension Control in Community Practice (e-CHIP)

Qualitative assessment of Hispanic individuals use of telehealth resources and home BP monitoring.

Role: Principal Investigator

Agency: National Cancer Institute, R01CA121125S 2010 - 2012

Title: Systems of Support (SOS) to Increase Colon Cancer, Administrative Supplement

For this Administrative, we proposed three new ancillary aims: 1) Comparative adherence to a one sample fecal immunochemical fecal test (FIT), two sample FIT, and 3 sample stool guaiac test and the positive predictive value of each for CRC and advanced adenomas; 2) Time to completion of fecal testing, analyzing the time taken to complete stool testing in years 1 and 2 of the main trial; 3) Distress related to a positive fecal test.

Role: Principal Investigator

Agency: Agency Healthcare Research and Quality 18HS018461-02 (Saver) 2011 - 2014

Title: Controlling Disease Using Inexpensive IT Hypertension in Diabetes: Conduit-HID

Patients with diabetes will be randomized to receive an automated BP monitor, instructions for uploading this to their existing personal health record (linked to an EMR), and phone-based nurse management or usual care. Primary outcome was change in BP at 12 months and percent with controlled hypertension.

Role: Consultant

Agency: National Cancer Institute, R01CA121125, Competitive Revision 2011 - 2013

Title: Systems of Support (SOS) to Increase Colon Cancer Screening, Competitive Revision

For this Competitive Revision, we proposed two new ancillary aims to answer the following questions: 1) Does a medical home model modify (i.e. enhance or reduce) the effectiveness of the SOS intervention? 2) Is a continued systems-level intervention required to maintain increases in CRCS for those choosing annual FOBT?

Role: Principal Investigator

Agency: NCI, 2R-R01CA121125, Continuation 2013 - 2019

Title: Systems of Support (SOS) to Increase Colon Cancer Screening, Continuation

Role: Principle Investigator (4.2 calendar months per year)

SOS interventions were continued up to 9 years, with adherence to screening (covered time) persisting long-term.

Role: Principal Investigator

Agency: PharmaSmart VEN-AC721331-2001 (Green) 2012 - 2013

Title: PharmaSmart Tacoma

We placed a validated Web-enhanced BP Kiosk in a pharmacy. Patients using the pharmacy or who receive care in a nearby clinic with hypertension will be encouraged to get a smart card that can be used to track and average BPs in safety net clinic.

Role: Principal Investigator

Agency: National Institutes of Health UH2 AT0077882 (Coronado, Green) 2012 - 2018

Title: Strategies and Opportunities to Stop Colon Cancer in Priority Populations

STOP CRC was a pragmatic cluster randomized trial that randomized 26 federally qualified health center clinics to either usual care or an electronic health record embedded tools to identify individuals overdue for CRC screening and facilitate stepwise implementation of a mailed fecal immunochemical program.

Role: Co-Principle Investigator

Agency: National Heart, Lung, and Blood Institute, R01 HL090965 (Margolis) 2013 - 2016
Title: Home Blood Pressure Telemonitoring and Case Management to Control Hypertension (Hyperlink 2)
 Competitive continuation of a telemonitoring grant to improve hypertension control in a primary care using a collaborative care team model.
 Role: Co-investigator

Agency: NHLBI, R01 HL-125440 (Klasnja) 2014 - 2019
Title: Heart Steps: Adaptive mHealth intervention for physical activity maintenance
 The goals of this project are to develop and pilot test a mobile adaptive just-in-time intervention for physical-activity maintenance after cardiac rehabilitation. The project is also developing a new trial design—micro-randomized trials—and related statistical analyses for early-stage efficacy testing of mHealth interventions.
 Role: Site Principal Investigator

Agency: CDC, U48 DP-14-0012 (Baldwin, Coronado, Green) 2015 - 2019
Title: BeneFITs to Increase Colorectal Cancer Screening (BeneFITs)
 A hybrid implementation-effectiveness two Medicaid health plan mailed fecal immunochemical test (FIT) programs, among 20,000 Medicaid enrollees.
 Role: Co-Principal Investigator

Agency: NCI, R01CA121125, Disparities Supplement 2016 - 2019
Title: Systems of Support (SOS) to Increase Colon Cancer Screening, Disparities Supplement
 Randomized trial of 838 adults (predominantly people of color or Medicaid insurance) overdue for colorectal cancer screening were randomized to receive either mailed fecal immunochemical test kits only, or either 2) \$10 incentive, or 3) 1 in 10 chance of \$50 lottery incentive for completing colorectal screening.
 Total Directs: \$90,000
 Role: Principal Investigator

Agency: Amgen, Inc., Chubak 2019 – 2021
Title: Heart Failure Algorithm
 Heart Failure Algorithm is an industry-funded study awarded to the Kaiser Foundation Health Plan of Washington to evaluate the accuracy of using electronic health record data to identify individuals with reduced ejection fraction heart failure.
 Role: Co-Investigator

Agency: Patient Centered Outcomes Research Institute, CER-1511-32979 2016 - 2021
Title: Blood Pressure Checks for Diagnosing Hypertension (BP-CHECK)
 A randomized controlled diagnostic that included 510 patients aged 18-85 with high BP and no diagnosis of hypertension and not on hypertension medications to 1 of 3 protocols for diagnosing hypertension: (1) Clinic BPs; (2) Home BPs; and (3) Kiosk BPs. All completed 24-hour ambulatory BP monitoring.
 Role: Principal Investigator

Agency: Kaiser Permanente Washington Health Research Institute Development Fund Award 2017 - 2018
Title: BP-CHECK and Automated Office BP Measurements
 The goal of this study is to determine the comparability of automated BP measurements and 24-hour ambulatory BP measurements, the impact of rest time, attendance, and their accuracy in diagnosing hypertension.
 Role: Principal Investigator

Agency: Patient Centered Outcomes Research Institute, IHS1507-31146 (Margolis) 2016 - 2021
Title: Pragmatic Trial Comparing Telehealth Care and Optimized Clinic-Based Care for Uncontrolled High Blood Pressure (HyperLink 3)
 Pragmatic cluster randomized trial included over 3000 patients with uncontrolled hypertension and compared best-practice clinic based hypertension care to pharmacist led home BP telemonitoring. The primary outcomes were change in BP over 12 months and patient reported outcomes.
 Role: Co-Investigator

Role: Co- Investigator (effort 10%)

Agency: National Cancer Institute, R01CA262015 (Wernli) 7/15/2021- 6/30/2026
Title: Multilevel Interventions to Increase Adherence to Lung Cancer Screening (LARCH)



Factorial design patient level randomized controlled trial testing systems and patient level interventions to increase adherence to annual lung cancer screening after enrolling in lung cancer screening.
 Role: Co-Investigator (effort 6%)

Pending

Agency: PCORI, Phased Large Comparative Effectiveness Studies 2024 - 2030

Title: Systolic Blood Pressure Targets and Improving Hypertension Outcomes

Pragmatic cluster randomized trial multi-site trial comparing systolic BP targets of 140 mmHg to 130 mmHg among 10,000 patients and aged 50 a risk for cardiovascular disease. The primary outcomes are combined major cardiovascular event and non-cancer deaths and differences in systolic BP. JIT requested 4-25-21.

Role: Principal Investigator

Agency: NHLBI, RO1 2023 - 2028

Title: Evaluation of Telemedicine for diabetes and hypertension care in Latinos (E-Treat)

Using a multilevel framework, assess the impact of individual- and community-level social determinants of health on the effectiveness of telemedicine in mitigating disparities in diabetes and hypertension care between Latino populations and non-Hispanic white populations in Community Health Centers

Role: Co-Investigator

Current Unfunded Projects

Title: Kaiser Permanente Washington Hypertension Care Pathway

Remote Patient BP telemonitoring program with patient portal phone app and BPs integrated into the EHR integrated into primary care, and population based care programs (nursing/pharmacy).

Grant Review Activities

	Years
Reviewer, NHLBI contract proposals for SPRINT, Washington DC	2008
NIH Challenge Grants, NHLBI Grand Opportunity Grants, Washington DC	2009
Reviewer for AHRQ Comparative Effectiveness Grants	2010
Reviewer, Study Section for NIH PAR-10-133. Understanding and Promoting Health Literacy	2012
Reviewer, PCORI, disparities comparative effectiveness proposals	2012
Reviewer, ad hoc, HSOD study section, NIH grant proposals	2012
Reviewer, PCORI, obesity treatment options in underserved patients proposals	2014
Reviewer, PCORI, disparities comparative effectiveness proposals	2015
Reviewer, NIH Small Business Translation and Innovation Studies, RFA	2015
Reviewer, CDC Heart Disease and Stroke Prevention Division	2018
"Using the Pharmacists' Care Process to Improve BP Management" exemplary programs nominations.	
Reviewer, PCORI, COVID-19 comparative effectiveness study proposals.	2020
Reviewer, PCORI, Hypertensive Disease of Pregnancy Comparative Effectiveness study proposals	2021
Reviewer, PCORI, Health System Strategies to Address Disparities in Hypertension Management and Control	2022

Conference Review Activities

Reviewer, Health Care Systems Research Network Annual Meeting	annually
Reviewer, American Heart Association Hypertension Annual Meeting	annually
Reviewer, Annual Confererence on the Science of Dissemination and Implementation	annually

Academic Presentations

Oral Presentations

2008 "Electronic Communications and Home Blood Pressure Monitoring: The e-BP Trial": Oral Presentation
 American Society of Hypertension Meeting, May 20, 2008, San Francisco, CA

- 2010 “Innovative Models of Health Care Delivery”, Idaho State University, Department of Family Medicine, May 13, 2010, Pocatello, ID
“Innovative Roles of Pharmacists in Health Service Delivery”, Agency for Health Research and Quality Innovations Exchange, Webinar May 11, 2010.
- 2011 “Improving Cardiovascular Disease Care Delivery” Innovators Stories, AHRQ Annual Meeting. Bethesda, Maryland; September 20, 2011.
 HMO Research Network Annual Meeting, “Hard to Reach People: People Not Up-to-Date for Colorectal Cancer Testing and Unwilling to Participate in a Study to Increase Screening Rates” and “Electronic Health Record-Based Cardiovascular Risk Assessment and the Use of BMI When Laboratory Data is Not Available” Boston, MA February 8, 2011
“Translating Research Advances for Health Care Providers and Patients: The Knowledge-to-Action Process: Translating Evidence into Clinical Practice.” NIH Staff Training in Extramural Programs (STEP) Symposium Bethesda, Maryland
- 2012 Fit for Use. Uptake and Positive Predictive Values of Three Different Stool Tests, Cancer Prevention and Control Network., University of Washington Health Promotion Center, Seattle, Washington March 8, 2012.
e-Care for Heart Wellness, invited presentation for HMO Research Network Meeting, Seattle, WA; May 2, 2012
Assessing Readiness for Team Care in Community-Based Clinics: Barriers and Facilitators to Implementing an Evidence-Based Intervention to Improve BP Control. Poster Session HMORN Annual Meeting May 2012, Seattle
Preliminary Results from the SOS Study. Cancer Researchers Group Meeting July 23, 2012 GHRI Seattle, WA
- 2013 Systems-based Strategies for Increasing Colorectal Cancer Screening and Follow-Up, Invited Lecture, Grand Rounds, Oregon Health and Science University Grand Rounds, February 20, 2013, Portland, OR
Leveraging Technology to Deliver Team-Based Care for Hypertension and Cardiovascular Risk, OCHIN (Oregon Community Health Information Network) Lecturer Series, February 20, 2013, Portland, OR
Northwestern Medical School, Systems of Support to Increase Colorectal Cancer Screen, Grand Rounds, Chicago, IL, March 22, 2013.
Leveraging EHRs to Increase Colorectal Cancer Screening, NIH Collaboratory National Webinar March 29, 2013
 Oral and poster presentations HMORN Network Annual Meeting (SOS study) April 16, 2013.
 Seattle Implementation Research Institute Conference, poster presentation (STOP study) May 16, 2013
- 2014 Longitudinal Predictors of Colorectal Screening in a Randomized Controlled Trial, HMO Research Network Meeting, April 2, 2014, Phoenix, AZ
Healthcare Policies and Disparities in Colorectal Screening, World Endoscopy Meeting, April 16, 2014, Chicago, IL
Web-based Pharmacist Team Care and Long-Term BP Outcomes, Oral Presentation American Society of Hypertension Annual Meeting, May 19, 2014, New York, NY
- 2015 Year 3 of the Systems of Support to Increase Colorectal Cancer Trial, Oral Presentation, HMO Research Network Meeting, March 11, 2015, Long Beach, CA
Year 3 of the Systems of Support to Increase Colorectal Cancer Trial, Oral Presentation, International Cancer Screening Network Meeting, Rotterdam, Holland, June 2, 2015
An Economic Evaluation of Colorectal Cancer Screening in Primary Care Practice, Poster, International Cancer Screening Network Meeting, Rotterdam, Holland June 3, 2015
Ethical Issues in Research for the Underserved, Oral Presentation, NCI special emphasis meeting July 14, 2015 Bethesda, MD
- 2016 Addressing Colon Cancer Screening in Primary Care: An Update on the STOP CRC Trial. Collaboratory Grand Rounds: “Rethinking Clinical Research”. November 4, 2016, National Webinar

Blood Pressure Checks and Diagnosing Hypertension (BP-CHECK) a new PCORI funded trial. Clinical Prevention Workgroup, November 1, 2016 Seattle, WA

How Health Systems Can Help Improve Colorectal Cancer Screening Compliance. The Collaborative Group of Americas on Inherited Colorectal Cancer (GCA), October 3, 2016, Seattle, WA

Breakthroughs in Screening: What Research Tells Us. Washington Colorectal Cancer Round Table, March 25, 2016, Seattle, WA

BP-CHECK, Blood Pressure Checks and Improving Hypertension Diagnosis. Group Health Research Institute Faculty Meeting, January 19, 2016, Seattle, WA

BeneFITs to Increase Colorectal Cancer Screening in Priority Populations. Alliance for Reducing Cancer meeting, Health Promotion Center University of Washington, January 14, 2016, Seattle, WA

2017 A Centralized Mailed Program and Stepped Increases of Support Increases Time in Compliance with Colorectal Cancer Screening Guidelines over 5 Years: A Randomized Trial. Selected as outstanding abstract and for oral presentation at the American Society of Preventive Oncology annual meeting, March 11, 2017, Seattle WA

The Research to Practice Pipeline: Evidence-Based Cancer Screening Guidelines Putting them into Practice and Scaling Them Up. Panel presentation lead and presenter, Health Care Systems Research Network annual meeting, San Diego, CA March 23, 2017

Getting it published: Weathering Rejection and the Path to Success. Webinar for the CTSA Rising Stars Program March 17, 2017

A Centralized Mailed Program and Stepped Increases of Support Increases Time in Compliance with Colorectal Cancer Screening Guidelines over 5 Years: A Randomized Trial. Keynote speech at World Endoscopy Organization, Chicago, IL, May 5, 2017

Patient generated biometric data, BP monitoring and other self-monitoring activities. Workshop at the Washington Academy of Family Physicians meeting, Skamania Lodge, May 6, 2017.

A Centralized Mailed Program and Stepped Increases of Support Increases Time in Compliance with Colorectal Cancer Screening Guidelines over 5 Years: A Randomized Trial. CDC Cancer Conference Atlanta, August 15, 2017

Update and Thoughts from the Phenotypes, Data Standards, and Data Quality Core of the NIH HCS Research Collaboratory National Collaboratory Webinar, August 25, 2017 – Dr. Beverly Green, presenter

The Research to Practice Pipeline: Evidence-Based Cancer Screening Guidelines Putting them into Practice and Scaling Them Up. Oral Presentation, 10th Annual Dissemination and Implementation Conference, December 6th, 2017, Crystal City, Virginia.

2018 Workshop on Embedded Pragmatic Clinical Trials of Therapeutic A vs. B Interventions. Moderated Panel Discussion Examples in Action. Bethesda, Maryland, May 16, 2018

Direct Mail Programs Work... But Will Health Centers Implement Them? Findings from STOP CRC. Collaboratory Webinar. February 23, 2018

2019 Colorectal Cancer Screening Continuing Medical Education Webinar. CME Webinar for Kaiser Network physicians. November 13, 2019

Financial Incentives and Increasing Colorectal Cancer Screening in Disparity Populations. Invited oral presentation. National Colorectal Cancer Screening Round Table, Baltimore, MD, November 21, 2019

Mailed FIT Summit: Mailed Outreach Reminders: Which Reminders are Most Effective? Invited Presentation Centers for Disease Control, Atlanta GA; June 29, 2019

BeneFITs to Increase Colorectal Cancer Screening in Priority Populations. Invited Presentation Centers for Disease Control, Atlanta GA; June 28, 2019

The Systems of Support to Increase Colorectal Cancer Screening Trial (SOS). 9-year Adherence and Outcomes. Oral presentation, International Cancer Screening Network Conference, Rotterdam, Netherlands, June 3, 2019

Financial Incentives and Increasing Colorectal Cancer Screening in Disparity Populations. Oral presentation. Oral presentation, International Cancer Screening Network Conference, Rotterdam, Netherlands, June 5, 2019

Accuracy of Clinic, Home, and Kiosk BP measurements compared to Ambulatory BP Monitoring for Diagnosing Hypertension. The BP-CHECK Randomized Controlled Diagnostic Trial. Oral presentation. Health Care Systems Research Network. Oral Presentation, Radcliff College, Oxford, UK; May 29, 2019

The Systems of Support to Increase Colorectal Cancer Screening Trial (SOS). 9-year Adherence and Outcomes. Oral presentation. World Endoscopy Meeting, San Diego, California, May 17, 2019

Financial Incentives and Increasing Colorectal Cancer Screening in Disparity Populations. Oral presentation. World Endoscopy Meeting, San Diego, California, May 17, 2019

Partnering in Washington State to Decrease Medicaid Colorectal Cancer Screening Rate Disparities. Oral presentation. Washington State Colorectal Cancer Round Table. Seattle, Washington, May 13, 2019

Design and Analysis of Embedded Pragmatic Research. Panel presentation, NIH Collaboratory, Bethesda, MD, May 2, 2019.

Financial Incentives and Increasing Colorectal Cancer Screening in Disparity Populations. Oral presentation. Health Care Systems Research Network. Portland, Oregon; April 10, 2019

Accuracy of Clinic, Home, and Kiosk BP measurements compared to Ambulatory BP Monitoring for Diagnosing Hypertension. The BP-CHECK Randomized Controlled Diagnostic Trial. Oral presentation. Health Care Systems Research Network. Portland, Oregon; April 9, 2019

2020 Blood Pressure Checks for Diagnosing Hypertension. Comparative Accuracy of Clinic, Home, and Kiosk BP for making a New Diagnosis of Hypertension. Oral presentation and award for best abstract. North American Primary Care Research Group Meeting Annual Meeting (Webinar). November 26, 2020

BeneFITs for Increasing Colorectal Cancer Screening. Two-year outcomes in a Washington State Medicaid/Medicare Health Plan. Oral presentation North American Primary Care Research Group Meeting Annual Meeting (Webinar). November 25, 2020

Transforming research findings into action: Building a strategy to decrease disparities in colorectal cancer screening at the local, regional, and state level. Conference paper presented at the: Annual Conference on the Science of Dissemination and Implementation in Health (D&I); December 2019; Arlington, VA.

Using Research to Identify Racism, Kaiser Permanent Washington Health Research Institute August 11. Webinar Automated Office Blood Pressure and the Impact of Attendance and Rest Time. Moderated Poster Award. American Heart Association Hypertension Meeting, Webinar presented 9-20-20

2021 Transforming Research Findings into Action: Advocating for a Medicaid Colorectal Cancer Screening Performance Metric. Western Colorectal Cancer Consortium Conference October 15, 2021. Webinar

Blood Pressure Checks for Diagnosing Hypertension, Comparative Adherence to and Acceptability of Clinic, Home, Kiosk, and 24-hour Ambulatory Blood Pressure Monitoring. Oral presentation. American Heart Association Annual Conference. September 29, 2021.

Colorectal Cancer Screening: Where Have We Been and Where Should We Go Next? Bree Collaborative Presentation and presentation of workgroup recommendations (state of Washington, governor appointed advisory board, meetings open to the public) May 14, 2021, Webinar

Advocating for a Medicaid Colorectal Cancer Screening Performance Metric -Lessons Learned and Progress to Date. World Endoscopy Organization Coalition to Reduce Inequities in CRC Screening Expert Working Group, WEO Meeting. May 6, 2021. Webinar



Financial Incentives and Increasing Colorectal Cancer Screening in Disparity Populations. Invited oral presentation. KPWHRI Scientific Meeting Webinar, May 11, 2021

Blood Pressure Checks for Diagnosing Hypertension. Comparative Accuracy of Clinic, Home, and Kiosk BP for making a New Diagnosis of Hypertension. Health Care Systems Research Network Annual Meeting, oral presentation, Webinar. April 2021.

Blood Pressure Checks for Diagnosing Hypertension. Comparative Accuracy of Clinic, Home, and Kiosk BP for making a New Diagnosis of Hypertension. Webinar presentation Grand Rounds Department of Family Medicine University of Washington School of Medicine, February 2, 2021.

2022 Which Approach to Blood Pressure Measurement and Diagnosis is Most Accurate? 32nd Annual Vascular Biology and Hypertension Symposium, Birmingham, Alabama, April 28, 2022

Blood Pressure Control and Clinician Diagnosis of Hypertension in a Hypertension Diagnostic Study. Hypertension 2022, American Heart Association, Oral Presentation, San Diego, September 12, 2022

Posters

Multiple, not systematically tracked

Abstracts published in journals that have abstract sections

Several, not systematically tracked

Community Activities

Community-Based Presentations

The Obesity Epidemic. KCTS Connects Television Show, panel discussant, March 21, 2004 Seattle, WA

Is it Baby Fat - or Cause for Parent Concern? Community Health Forum sponsored by Group Health, the YMCA, and Bellevue School District, November 19, 2005, Bellevue, WA

Community Leadership and Administration

National Colorectal Cancer Roundtable, Steering Committee, Health Policy Committee 2020 - current
Sponsored by the American Cancer Society and the Centers for Disease and Infection Control
My main interest has been in policy change to decrease disparities in screening and cancer outcomes

US Blood Pressure Validated Device Listing, independent review committee 2021 - present

Independent Review Committee member
Technical expertise in validation of BP (BP) monitoring devices

American Heart Association Commission Primary Care Committee Council on Quality of Care and Outcomes Research (QCOR) 2022 - present

Community Health Committee Services

Prevention Subcommittee, American Association of Health Plans 2001 - 2006

Comprehensive Cancer Control Committee Member, Washington State Department of Health 2005 - 2010

Self-Measured BP Monitoring, AHRQ technical review advisory group, systematic review 2010 - 2011

Invited panelist for creation of a PCORI request for applications for increasing hypertension control in disparity populations. 2013

Invited member of the Washington State Health Care Authority, Prevention Measures Technical Workgroup to develop a common cores set of Medicaid performance measures 2014

Primary Care Innovation Laboratory Advisory Board, UW 2016 - 2017

Million Hearts initiative, sponsored by the CDC and National Association of Community Health Centers to develop a roadmap for self-measured BP monitoring. 2017



Participant in a National Institute of Aging Workshop: Opportunities for Trials on Effect of Statins in primary prevention of cardiovascular disease in older adults, led to a RFA	2017
NHLBI working group on BP Assessment of Adults in Clinical Practice and Clinic-based Research, resulted in a white paper and journal publication on standards for BP measurement	2017
CDC sponsored expert panel on mailed fecal testing programs resulted in a white paper and publication	2019
Bree Committee (a committee appointed by the Washington state governor) member on an initiative to decrease disparities in colorectal cancer screening in Washington State.	2018 - 2020
Physicians for Social Responsibility (member during residency, and more recently)	2020 - current
Other Community Services:	
Medical volunteer, New Delhi and Kasganj, India	1981
Medical volunteer, Ometeppe, Nicaragua	1994
Assisting with COVID-19 vaccination clinics in King and Kitsap County, WA	2020 – 2021

Kaiser Permanente Washington Health Research Institute Service (recent activities only)

Search committee for senior or associate investigator with interest in dementia and to lead the ACT study 2022

Kaiser Permanente Washington Service (recent activities only)

Hypertension Care Pathway Team – population based care for hypertension, including population-based outreach via secure e-mail, texting, telemonitoring. 2020 – present

HPV Self-sampling cervical cancer screening program – translating trial interventions into routine practice 2022 to present.

Professional Association Activities

Professional Memberships

Alpha Omega Alpha Honor Medical Society
 Washington State Association of Physicians
 American Heart Association

Editorial Board Service

	Years
Associate Editor American Journal of Preventive Medicine	2008 - 2013
Editor American Journal of Preventive Medicine	2014 - current
Editor Journal of the Board of Family Medicine	2007 - current
Associate Editor Connect (international telehealth journal)	2021 - current

Journal Review Activities In addition to the journals where I am an editor, I generally review one – two journal articles per month, journals include: JAMA (most recently 2022), JAMA internal medicine (most recently 2022), JAMA network (most recently 2022), JAMA Cardiology, New England Journal of Medicine (most recent 2021),



Annals of Internal Medicine, Journal of General Internal Medicine (most recently 2022), Journal of the American Heart Association (most recent 2022), Journal of Human Hypertension (most recently 2021), American Journal of Hypertension (most recently 2022), Journal of Hypertension, Journal of the National Cancer Institute, Cancer (most recently 2022), Cancer Epidemiology, Biomarkers, and Prevention; Lancet Gastroenterology (most recently 2021), Journal of Medical Internet Research (most recently 2022), Journal of the American Informatics Association, Preventive Medicine (most recently 2022), Preventing Chronic Disease (most recently 2022), Annals of Family Medicine, Journal of Community Health and Primary Care (most recently 2021), BMC Cancer (most recent 2021), BMC Family Medicine, BMC Medical Informatics, PLOS One, Contemporary Clinical Trials (most recent 2022), Nature, Applied Clinical Informatics.

Data Safety Monitoring Board Member

Promoting Adherence to Improve Effectiveness of Cardiovascular Disease Therapies (PATIENT). (R01HS019341, Vollmer PI), 2010-2014.

Addressing Social Determinants to Prevent Hypertension (RESTORE); Health Equity Research Network on Prevention of Hypertension (American Heart Association, Ogedegbe PI).
2022 – 2025

Scholarship – Public Impact and Media in Medicine, Science, or Health

Letters to the Editor and Opinion Pieces (Non-Academic Publications)

1. Schooling children in healthy eating, invited commentary Seattle Times, August 15, 2003
2. Not taking hypertension medications can make you “suddenly sick”. Opinion commentary, Seattle Times, July 14, 2005, Seattle, WA

Blogs

Health Affairs, From Research to Action Advocating for a Medicaid Colorectal Cancer Screening Quality Performance Measure, August 31, 2021 <https://www.healthaffairs.org/doi/10.1377/forefront.20210827.643528>

Podcasts

JAMA: 2008-6-25, Author in the Room Audio Interview <https://edhub.ama-assn.org/jn-learning/audio-player/1916998>