

# JESSICA CHUBAK

*Curriculum vitae*

## BIOGRAPHICAL INFORMATION

Jessica Chubak  
Kaiser Permanente Washington Health Research Institute  
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## EDUCATION

Bachelor of Arts in Molecular Biology, *summa cum laude*, May 2000  
Pomona College, Claremont, California  
  
Master of Bioethics and Health Law, awarded with distinction, March 2002  
University of Otago, Dunedin, New Zealand  
  
Doctor of Philosophy in Epidemiology, August 2007  
University of Washington, Seattle, Washington

## LICENSURE

Not applicable

## PROFESSIONAL POSITIONS

### Current position

Senior Scientific Investigator, September 2018 – present\*  
Kaiser Permanente Washington Health Research Institute, Kaiser Foundation Health Plan of Washington, Seattle, Washington  
  
Affiliate Associate Professor, June 2014 – present  
Department of Epidemiology, University of Washington School of Public Health, Seattle, Washington

### Past positions

Associate Scientific Investigator, May 2013 – September 2018\*  
Kaiser Permanente Washington Health Research Institute, Kaiser Foundation Health Plan of Washington, Seattle, Washington  
  
Assistant Scientific Investigator, October 2007 – April 2013  
Group Health Research Institute, Group Health Cooperative, Seattle, Washington  
  
Affiliate Assistant Professor, 2008 –2013  
Department of Epidemiology, University of Washington School of Public Health, Seattle, Washington  
  
Bioethics Tutor (Section Lecturer), 2001 – 2002  
University of Otago Medical School, Dunedin, New Zealand

Research Assistant, 2002 – 2006

Fred Hutchinson Cancer Research Center, Seattle, Washington

Epidemiologic Methods Teaching Assistant, 2006 – 2007

University of Washington School of Public Health and Community Medicine, Seattle, Washington

*\*Kaiser Permanente acquired Group Health in February 2017, at which point Group Health Research Institute became Kaiser Permanente Washington Health Research Institute.*

## **HONORS, AWARDS, SCHOLARSHIPS**

Tileston Physics 1 Prize, top student in introductory physics course, Pomona College, 1997

Pomona College Scholar, 1997 – 1999

Phi Beta Kappa, Pomona College, 1999

Phi Beta Kappa Award, awarded for quality of scholarship and promise of future distinction, 2000

*Summa cum laude*, Pomona College, 2000

Rena Gurley Archibald High Scholarship Prize, awarded to college's highest ranked graduate, 2000

Fulbright Graduate Student Award to New Zealand, 2000 – 2002

Master's degree awarded with distinction, 2002

NIH Cancer Epidemiology and Biostatistics Training Program pre-doctoral trainee, 2003 – 2006

Presenter, Student Workshop, Society for Epidemiologic Research, Toronto, Canada, 2005

International Society for Pharmacoepidemiology, travel scholarship, 2006

American Society of Preventive Oncology, abstract among top 16 at annual meeting, 2009

Cancer Research Network (CRN) Scholars Program participant, 2009 – 2011

American Society of Preventive Oncology, honorable mention for poster, annual meeting, 2012

International Cancer Screening Network, travel scholarship, 2012

Participant and presenter, National Cancer Institute, Division of Cancer Control and Prevention, New Grantee Workshop, 2014.

Extraordinary Principal Investigator Award, Kaiser Permanente Washington Health Research Institute, 2017

Most grant funding in past year at Associate Investigator level, Kaiser Permanente Washington Health Research Institute, 2017

Most grant publications in past year at Associate Investigator level, Kaiser Permanente Washington Health Research Institute, 2017

Nominee for Outstanding Faculty Mentor, 2016-2018

## **PROFESSIONAL ACTIVITIES AND SERVICE**

### **Committees**

Member, Student Health Advisory Committee, Pomona College, 1996 – 1997

Member, Epidemiology Seminar Planning Committee, University of Washington, 2002 – 2003

Co-director & co-founder, Forum on Science Ethics and Policy (FOSEP), University of Washington, 2004 – 2007

Member, Graduate Process Advisory Committee, University of Washington, 2004 – 2006

Member, Research Ethics Education Oversight Committee, Fred Hutchinson Cancer Research Center, 2003 – 2007

Coordinator, Cancer Researchers Group, Group Health Research Institute, 2007 – 2010

Member, Postdoctoral Fellow Search Committee, Group Health Center for Health Studies, 2008

Member, Faculty Retreat Planning Committee, Group Health Center for Health Studies, 2008

Member, Scientific Policy Committee, Group Health Research Institute, 2009 – 2013

Co-chair, Scientific Policy Committee, Group Health Research Institute, 2010 – 2011

Member, Strategic Planning Steering Committee, Group Health Research Institute, 2011

Co-chair, Scientific Policy Committee, Group Health Research Institute, 2012 – 2013

Member, Technical Specialist Hiring Committee, Group Health Research Institute, 2013

Member, American Society of Preventive Oncology Junior Members Organizing Committee, 2013

Member, Biostatistics Investigator Search Committee, Group Health Research Institute, 2014 – 2015

Member, Data & Informatics Strategy Committee, Group Health Research Institute 2014 – present

Member, Scientific Advisory Committee, Group Health Research Institute, 2015 – present

Member, Colorectal Cancer Screening Guideline Team, Group Health, 2015 – 2017

Member, Director of Research IT Search Committee, Group Health Research Institute, 2016

Member, Policy around Purchased Services for Science Workgroup, Group Health Research Institute, 2016

Member, Oversight Processes Related to Sharing Data, Specimens, and Derivatives Workgroup, Kaiser Permanente Washington Health Research Institute, 2017

### **Study section and grant reviews**

Reviewer, Native Elder Research / Resource Center for Minority Aging Research (NERC/RCMAR) Native Investigator Program, mock NIH review section, University of Washington, 2008

Reviewer, Group Health Partnership for Innovation, 2008, 2010

Reviewer, Cancer Research Network Pilot Projects, 2008 – 2009

Reviewer, Institute of Translational Health Sciences Community/Practice-Based Research Activity Funding, 2010

Reviewer, Cancer Research Network Scholars Program, 2013

Reviewer, Patient Centered Outcomes Research Institute, PCORI Cycle II, Comparative Effectiveness Research Panel A, 2013

Reviewer, Emerging Leaders In Science & Society Fellowship, American Association for the Advancement of Science, 2014

Reviewer, Diabetes UK, 2014

Ad hoc reviewer, National Institutes of Health, Cancer, Heart, and Sleep Epidemiology Panel A, October 2015, June 2017

### **Organization of conferences and symposia**

Co-organizer, public forum. “Stem Cells: The Science, The Policy, Possibilities.” University of Washington. Seattle, Washington, 2004.

Planning committee member, School of Public Health and Community Medicine’s 2nd Annual Symposium on Teaching and Learning. University of Washington, Seattle, Washington, 2005.

- Co-organizer, symposium. “Scientists, the Public, and Policy-makers in Dialogue: Principles and Applications.” American Association for the Advancement of Science. St. Louis, Missouri, 2006.
- Co-chair, Survivorship Special Interest Group breakfast session. “Identifying key questions to advance research and practice in cancer survivorship follow-up care.” American Society of Preventive Oncology. Tampa, Florida, 2009.
- Chair, spotlight session. “Opportunities and Challenges in Studying Outcomes of Cancer.” Society for Epidemiologic Research. Seattle, Washington, 2010.
- Planning committee member, career development session. “Careers in cancer prevention: what you may not see from inside your academic department.” American Society of Preventive Oncology. Washington DC, 2012.
- Co-chair. “Cancer II – Cancer Research Network.” HMO Research Network Meeting. Seattle, Washington, 2012.
- Co-chair. “Breast Cancer: Risk Prediction, Screening, and Behavior Modification.” American Society of Preventive Oncology. Washington DC, 2012.
- Co-chair, career development session. “Transitioning to independence and maintaining a research career in the new funding climate.” American Society of Preventive Oncology Memphis, Tennessee, 2013.
- Scientific Planning Committee member, International Cancer Screening Network meeting, Rotterdam, the Netherlands, 2015.
- Co-organizer and moderator. “Individualized screening.” International Cancer Screening Network meeting, Rotterdam, the Netherlands, 2015.
- Co-chair, symposium. “Epidemiology and implementation science: Designing and conducting research with the real world in mind.” Society for Epidemiologic Research, Denver, Colorado, 2015.
- Co-chair, symposium. “Moving beyond numbers: how qualitative data can complement your quantitative study.” Epidemiology Congress of the Americas, Miami, Florida, 2016.
- Co-chair, symposium. “Epidemiology's next 50 years through the lens of the last 50.” Society for Epidemiologic Research, Seattle, Washington, 2017.
- Co-chair, symposium. “Thinking beyond diagnosis, procedure, and drug codes: Shaping the future of epidemiologic research using electronic healthcare databases.” Society for Epidemiologic Research, Baltimore, Maryland, 2018.
- Co-host, symposium. “What problems can electronic health records solve? The strengths and pitfalls of EHR data.” 7<sup>th</sup> Kolokotronis Symposium on Data Science, Harvard University, Boston, Massachusetts, 2019.

### **Manuscript reviewer**

- Ad hoc reviewer, Pharmacoepidemiology and Drug Safety, 2008 – present (honored as one of “best reviewers” in 2017)
- Ad hoc reviewer, Cancer Causes and Control, 2008 – present
- Ad hoc reviewer, Cancer Epidemiology Biomarkers & Prevention, 2008 – present
- Ad hoc reviewer, American Journal of Epidemiology, 2008 – present
- Ad hoc reviewer, Breast Cancer Research and Treatment, 2011 – present
- Ad hoc reviewer, European Journal of Public Health, 2011 – present
- Ad hoc reviewer, Medical Care, 2011 – present
- Ad hoc reviewer, Cancer Epidemiology, 2011 – present
- Ad hoc reviewer, Journal of Oncology Practice, 2012 – present

Ad hoc reviewer, European Journal of Gastroenterology & Hepatology, 2012 – present

Ad hoc reviewer, Journal of Clinical Epidemiology, 2012 – present

Ad hoc reviewer, Health Services Research, 2013 – present

Ad hoc reviewer, Journal of the National Cancer Institute, 2014 – present

Ad hoc reviewer, Annals of Epidemiology, 2014 – present

Ad hoc reviewer, Epidemiologic Methods, 2014 – present

Ad hoc reviewer, British Journal of Cancer, 2014 – present

Ad hoc reviewer, JAMA Oncology, 2015 – present

Ad hoc reviewer, BMJ Open, 2015 – present

Ad hoc reviewer, Psycho-Oncology, 2016 – present

Ad hoc reviewer, Journal of Cancer Survivorship, 2016 – present

Ad hoc reviewer, American Journal of Preventive Medicine, 2016 – present

Ad hoc reviewer, Preventive Medicine, 2017 – present

Ad hoc reviewer, Gastroenterology, 2017 – present

Ad hoc reviewer, JMIR mHealth and uHealth, 2018 – present

Ad hoc reviewer, Integrative Cancer Therapies, 2019 – present

Ad hoc reviewer, PLOS ONE, 2019 – present

Ad hoc reviewer, Cancer, 2019 – present

#### **Abstract reviews for national conferences**

Abstract reviewer, 2012 HMO Research Network Annual Meeting

Abstract reviewer, 2012 American Society of Preventive Oncology Annual Meeting

Abstract reviewer, 2013 Society for Epidemiologic Research Annual Meeting

Abstract reviewer, 2015 International Cancer Screening Network Meeting

Poster judge, 2018 Society for Epidemiologic Research Annual Meeting

#### **Editorial board member**

Journal of Cancer Survivorship, 2016 – present

#### **Membership in professional organizations**

American Society of Preventive Oncology, 2008 – present

Society for Epidemiologic Research, 2009 – present

International Society for Pharmacoepidemiology, 2011

#### **Community service**

Panelist, Epidemiology 584 Career Panel, University of Washington, 2009

Panelist, Whitman Middle School Annual Science Fair, 2009 – 2011

Speaker, Eckstein Middle School, Student Interest Assessment (college/career planning), 2013

Participant, Epi Expo, University of Washington, 2014

Volunteer (Dental Admin), Seattle King County Clinic, October 2016

Volunteer (General Support), Seattle King County Clinic, October 2017

Tutor, Seattle Youth Tutoring Program, 2018

Co-organizer, High School Student Outreach Day, Kaiser Permanente Washington Health Research Institute, October 2018

## RESEARCH

### Completed projects

1. Trainee: Cancer Epidemiology and Biostatistics Training Grant, 2003-2006 (Principal Investigator: Noel S. Weiss). T32CA09168 funded by the National Cancer Institute.
2. Analyst (15% effort): Medications and Colorectal Cancer Risk, 8/1/2004-7/31/2008 (Principal Investigator: Denise Boudreau). 5R03CA110851-02 funded by the National Cancer Institute. Total direct costs \$100,000.
3. Co-investigator (10% effort, 1 year): Institutional and Clinical Translational Science Award, 9/17/2007-5/31/2012 (Principal Investigator: Nora Dsis). 5UL1RR025014 funded by National Institutes of Health. Group Health direct costs: \$1,319,532.
4. Co-investigator (10% effort): Center for Health Studies Value Metrics Program, 1/1/2008-12/31/2008 (Principal Investigator: Paul Fishman). Funded by Group Health Center for Health Studies. Total direct costs: \$226,591.
5. Principal Investigator (15% effort): Organization of Cancer Survivorship Care in Community-based Delivery Systems, 1/1/2009-12/31/2009. Funded by Group Health Center for Health Studies. Total direct costs: \$51,575.
6. Co-investigator (10% effort): Web-Based, Patient-Centered Approach to CVD Risk-Factor Management and Reduction, 9/30/2006-6/30/2011 (Principal Investigator: Jeffery Henderson). 5U01HL087422 funded by the National Heart, Lung, and Blood Institute. Group Health direct costs: \$66,569.
7. Principal Investigator (5% effort): Medicare Advantage SNP Evaluation, 12/1/2007-6/30/2011. Funded by Group Health Research Institute. Total direct costs: \$367,707.
8. Principal Investigator (15% effort): Cognitive Function and Breast Cancer Care. Pilot study funded by Northwest Roybal Center: Improving Healthcare for Cognitively Impaired Elders and Their Caregivers, 9/30/2009-8/31/2011 (Principal Investigator: Linda Teri). 1P30AG0345592 funded by the National Institute on Aging. Total direct costs of pilot: \$66,569.
9. Co-investigator (2% effort): Prevention of Ovarian Cancer in Women Participating in Mammography, 9/30/2007-9/29/2011 (Principal Investigator: Nicole Urban) 5R18DP001142 funded by the Centers for Disease Control and Prevention. Group Health direct costs: \$78,125.
10. Co-investigator (effort contributed): Feasibility study of pre-invasive HPV-related anogenital neoplasia surveillance in western Washington state, 10/1/2008-12/31/2011 (Principal Investigator: Stephen Schwartz) funded by Merck. Group Health direct costs: \$37,910.
11. Co-investigator (effort contributed): Natural Language Processing for Cancer Research Network Surveillance Studies, 9/30/2009-8/31/2011 (Principal Investigator: David Carrell). RC1CA146917 funded by the National Cancer Institute. Total direct costs: \$688,161.
12. Principal Investigator (20% effort): Algorithms to Identify Second Breast Cancer Events from Electronic Data, 1/04/2010-12/31/2011. R21CA143242 funded by the National Cancer Institute. Total direct costs: \$270,259.

13. Principal Investigator (5% effort): Risk of non-Hodgkin's Lymphoma in Relation to Tricyclic Antidepressant Use, 9/01/2011-8/31/2012: R03CA156357 funded by the National Cancer Institute. Total direct costs: \$50,000.
14. Co-investigator (5% effort): Cancer Research Network Across Health Care Systems – Infrastructure, 5/1/2007-4/30/2012 (Principal Investigator: Ed Wagner) 2U19CA079689 funded by the National Cancer Institute. Total direct costs: \$15,362,544.
15. Co-investigator (10% effort). Systems of support (SOS) to Increase Colorectal Cancer Screening and Follow-up (Principal Investigator: Beverly B. Green), 7/1/2007-5/31/2013. R01CA121125 funded by the National Cancer Institute. Total direct costs: \$2,301,470.
16. Co-investigator (5% effort): Short and Long-Term Effects of a Positive CRCS Test and Longitudinal Survival Analysis of CRCS Screening Rates - Administrative Supplement, 8/1/2009-7/31/2011 (Principal Investigator: Beverly Green). 3R01CA121125-03S1 funded by the National Cancer Institute. Total direct costs: \$331,890.
17. Co-investigator and Methods Core co-lead (20% effort): SEARCH: Cancer Screening Effectiveness And Research in Community-based Healthcare, 9/30/2009-8/31/2012 (Principal Investigators: Diana Buist and Chyke Doubeni). 1UC2CA148576 funded by the National Cancer Institute. Total direct costs: \$3,619,324.
18. Co-investigator (10% effort): Commonly Used Medications and Breast Cancer Recurrence, 9/1/2007-07/31/2012 (Principal Investigator: Denise Boudreau). 1R01CA1205621 funded by the National Cancer Institute. Total direct costs \$1,141,602.
19. Co-investigator (2% effort): Commonly Used Medications and Breast Cancer Recurrence-Administrative Supplement, 9/29/2009-8/31/2012 (Principal Investigator: Denise Boudreau). R206130930 funded by the National Cancer Institute. Total direct costs: \$199,721.
20. Principal Investigator (15% effort): Relationship between health care and health status in people with Type 1 diabetes, 1/1/2012-3/31/2013. Funded by Group Health Research Institute Development Fund. Total direct costs: \$100,849.
21. Site Principal Investigator (5% effort): LiveSTRONG 2012 Cancer Survivorship Survey: Collaboration with the HMO Cancer Research Network, 12/12/2012-10/31/2014. Funded by LiveSTRONG Foundation (Principal Investigator: Larissa Nekhlyudov). Group Health direct costs: \$76,973.
22. Co-investigator (2% effort): Testing an Optimal Model of Patient-Centered Cancer Care: CRN Clinical Communication Research Center, 9/30/2008-8/31/2014 (Principal Investigator: James Dearing). P20CA137219 funded by the National Cancer Institute. Group Health direct costs: \$1,022,474.
23. Lead Investigator (20% effort): Evidence-Based Practice Center Task Order #2, 2/1/2013-11/30/2014. Funded by Agency for Healthcare Research and Quality contract to Evelyn Whitlock. Group Health direct costs: \$218,924.
24. Co-investigator (15% effort): Comparative Effectiveness of Preoperative Breast MRI on Surgery and Outcomes, 9/1/2011-7/31/2016 (Principal Investigator: Tracy Onega). R01CA149365 funded by the National Cancer Institute. Group Health direct costs: \$616,368.
25. Co-investigator (concurrent effort). Statistical Methods for Estimation of Benefits & Harms of Repeat Cancer Screening, 1/1/2014-12/31/2015 (Principal Investigator: Rebecca Hubbard). R03CA182986 funded by the National Cancer Institute. Total direct costs: \$100,000.

26. Principal Investigator (9% effort): Developing Trials of Animal-Assisted Activities for Youth with Cancer, 4/1/2013-3/31/2015. 1R03CA169573-01A1 funded by the National Cancer Institute. Total direct costs: \$91,535.
27. Principal Investigator (concurrent effort). Positioning the PORPOISE Study for R01 funding, 1/1/2014-12/31/2016. Funded by Group Health Research Institute Development Fund. Total direct costs: \$30,434.
28. Principal Investigator (15%). Cancer Survivor Survey on Electronic Cigarettes and Symptom Burden, 1/1/2016-12/31/2016. Funded by Group Health Research Institute Development Fund. Total direct costs: \$128,729.
29. Site Principal Investigator (10% effort): A Cohort Study of Sessile Serrated Polyps and Subsequent Colorectal Neoplasia, 4/22/2013-3/31/2017 (Principal Investigator: Polly Newcomb). R01CA168338 funded by the National Cancer Institute. Group Health direct costs: \$772,199.
30. Principal Investigator (10% effort): Developing expertise and methods to support a trial of therapy dog visits in pediatric oncology. 10/1/2017 – 12/31/2017. Funded by Kaiser Permanente Washington Health Research Institute Development Fund. Total direct costs: \$11,323.
31. Principal Investigator (8% effort): Sessile Serrate Polyp study completion, 10/1/2017 – 12/31/2017. Funded by Kaiser Permanente Washington Health Research Institute Development Fund. Total direct costs: \$9,892.
32. Principal Investigator and Project 2 Lead (30% effort): SuCCESS: Studying Colorectal Cancer: Effectiveness of Screening Strategies, 9/1/2011-5/31/2018. U54CA163261 funded by the National Cancer Institute. Total direct costs: \$3,594,020.
33. Multiple Principal Investigator (5% effort): SuCCESS: Studying Colorectal Cancer: Effectiveness of Screening Strategies – Cervical Cancer Unit, 9/20/2011-5/31/2018 (Principal Investigators: Aruna Kamineni and Jessica Chubak). U54CA163261 funded by the National Cancer Institute. Total direct costs: \$812,340.
34. Multiple Principal Investigator (20% effort): SuCCESS: Studying Colorectal Cancer: Effectiveness of Screening Strategies – Administrative supplement, 6/1/2016 – 5/31/2018 (Principal Investigators: Jessica Chubak and Aruna Kamineni). U54CA163261 funded by the National Cancer Institute. Total direct costs: \$424,800.
35. Principal Investigator (15% effort): Commonly Used Medications and Colorectal Cancer Recurrence, 9/19/2013 – 7/31/2018. R01CA172973 funded by the National Cancer Institute. Total direct costs: \$1,562,771.

### **Currently funded projects**

1. Site Principal Investigator, Informatics Core co-lead (20% effort): CRN4: Cancer Research Resources & Collaboration in Integrated Health Care Systems, 9/25/2012-2/28/2019 (Principal Investigator: Larry Kushi). 1U24CA171524 funded by the National Cancer Institute. Kaiser Permanente Washington direct costs: \$1,607,111.
2. Co-investigator (2% effort). Competitive Revision: Systems of support (SOS) to Increase Colorectal Cancer Screening and Follow-up, 9/1/2013-6/30/2019 (Principal Investigator: Beverly B. Green). R01CA121125 funded by the National Cancer Institute. Total direct costs: \$2,314,253.
3. Co-investigator (2% effort). Competitive Revision: Systems of support (SOS) to Increase Colorectal Cancer Screening and Follow-up Administrative Supplement: Financial Incentives for Completion of Colorectal Cancer (CRC) Screening for Priority Populations (Principal Investigator: Beverly B.



Green), 9/1/2013-6/30/2019. R01CA121125 funded by the National Cancer Institute. Total direct costs: \$93,528.

4. Principal Investigator (12% effort): Psychological benefits and potential pathogen transmission in hospitalized pediatric oncology patients receiving therapy dog visits: a randomized controlled trial, 5/1/2017 – 4/30/2019. R21HD091877 funded by the National Institute of Child Health and Human Development. Total direct costs: \$324,090.
5. Multiple Principal Investigator (20% effort): ReCAPSE: Recurrence using Claims And PROs for SEER Expansion. 9/25/2017 – 8/31/2018 (Principal Investigators: Ruth Etzioni, Jessica Chubak, and Bin Huang). UG3CA218909 funded by the National Cancer Institute. Kaiser Permanente Washington year 1 direct costs: \$77,858.
6. Site Principal Investigator (10% effort): Weight loss as a predictor of cancer in primary care, 6/22/2017 – 12/31/2018 (Principal Investigator: Brian Nicholson). Funded by United Kingdom National Institute for Health Research. Kaiser Permanente Washington direct costs: \$25,000.
7. Co-investigator (4% effort): Harms of hepatocellular carcinoma screening in patients with cirrhosis, 8/1/2017-7/31/2022 (Principal Investigator: Amit Singal). R01CA212008 funded by the National Cancer Institute. Kaiser Permanente Washington year 1 direct costs: \$10,191.
8. Site Principal Investigator (18% effort). Causal Analyses of Nested Case-Control Studies for Comparative Effectiveness Research. 3/1/2018 – 2/28/2020 (Principal Investigator: Goodarz Danaei). Funded by Patient-Centered Outcomes Research Institute. Kaiser Permanente total direct costs: \$225,319.
9. Principal Investigator (1% effort). Critical Support and Expansion of a Trial of Therapy Dog Visits in Pediatric Oncology, 1/1/2018-12/31/2018. Funded by the Kaiser Permanente Washington Health Research Institute Development Fund. Direct costs: \$37,980.
10. Multiple Principal Investigator (22%-40% effort). Optimizing Colorectal Cancer Screening PREcision and Outcomes in CommunItY-baSEd Populations (PRECISE). 4/15/2018 – 3/31/2023 (Principal Investigators: Douglas Corley, Jessica Chubak, Aruna Kamineni, Joanne Schottinger, Ethan Halm, and Celette Skinner). UM1CA222035 funded by the National Cancer Institute. Total direct costs: \$14,150,037. Kaiser Permanente Washington direct costs: \$3,108,999.
11. Co-investigator (20% effort). Multi-level Optimization of the Cervical Cancer Screening Process in Diverse Settings & Populations (METRICS). 4/10/2018 – 3/31/2023 (Principal Investigators: Jasmin Tiro, Aruna Kamineni, Celette Skinner, and Jennifer Haas). UM1CA229140 funded by the National Cancer Institute. Total direct costs: \$12,863,051 (\$3,452,150 to Kaiser Permanente Washington).
12. Multiple Principal Investigator (concurrent effort). Leveraging machine learning to improve risk prediction for chemotherapy induced neuropathy. 10/1/2018 – 12/31/2018. Cancer Research Network Catalyst Funds. Kaiser Permanente Washington direct costs: \$1,329.

### **Pending projects**

1. Site Principal Investigator (10% effort). Improving confounder control in EHR-based studies of cancer epidemiology. 12/1/2018 – 11/30/2020 (Principal Investigator: Rebecca A. Hubbard). R21 application submitted to National Cancer Institute. Kaiser Permanente direct costs requested: \$77,292. *Expected funding date: 1/1/2019.*
2. Co-investigator (20%). Systems of Support (SOS) to Increase Colorectal Cancer Screening and Follow-up. 7/1/2019 – 6/30/2024 (Principal Investigator: Beverly B. Green). R01 application submitted to National Cancer Institute. Kaiser Permanente total direct costs requested: \$2,656,174.

**PUBLICATIONS**

<http://www.ncbi.nlm.nih.gov/sites/myncbi/jessica.chubak.1/bibliography/40881859/public/?sort=date&direction=ascending>

**Published peer-reviewed research articles**

1. Tworoger SS, **Chubak J**, Aiello EJ, Ulrich CM, Atkinson C, Potter JD, Yasui Y, Stapleton PL, Lampe JW, Farin FM, Stanczyk FZ, McTiernan A. Association of *CYP17*, *CYP19*, *CYP11B1*, and *COMT* polymorphisms with serum and urinary sex hormone concentrations in postmenopausal women. *Cancer Epidemiol Biomarkers Prev*. 2004 Jan;13(1):94-101.
2. Tworoger SS, **Chubak J**, Aiello EJ, Yasui Y, Ulrich CM, Farin FM, Stapleton PL, Irwin ML, Potter JD, Schwartz RS, McTiernan A. The effect of CYP19 and COMT polymorphisms on exercise-induced fat loss in postmenopausal women. *Obes Res*. 2004 Jun;12(6):972-81.
3. McTiernan A, Tworoger SS, Rajan KB, Yasui Y, Sorenson B, Ulrich CM, **Chubak J**, Stanczyk FZ, Bowen D, Irwin ML, Rudolph RE, Potter JD, and Schwartz RS. Effect of exercise on serum androgens in postmenopausal women: A 12-Month randomized clinical trial. *Cancer Epidemiol Biomarkers Prev*. 2004 Jul;13(7):1099-1105.
4. **Chubak J**, Tworoger SS, Aiello EJ, Yasui Y, Ulrich CM, Stanczyk FZ, McTiernan A. Associations between reproductive and menstrual factors and postmenopausal sex hormone concentrations. *Cancer Epidemiol Biomarkers Prev*. 2004 Aug;13(8):1296-1301.
5. **Chubak J**, Tworoger SS, Yasui Y, Ulrich CM, Stanczyk FZ, McTiernan A. Associations between reproductive and menstrual factors and postmenopausal androgen concentrations. *Journal of Women's Health*. 2005 Nov;14(8):704-712.
6. Mohanka M, Heckbert SR, Yasui Y, Sorensen B, **Chubak J**, Tworoger SS, Ulrich CM, McTiernan A. Serum lipoproteins in overweight/obese postmenopausal women: 1-year exercise clinical trial. *Medicine & Science in Sports & Exercise*. 2006 Feb;38(2):231-9.
7. **Chubak J**, Ulrich CM, Tworoger SS, Sorensen B, Yasui Y, Irwin ML, Stanczyk FZ, Potter JD, McTiernan A. Effect of exercise on bone mineral density and lean mass in postmenopausal women. *Medicine & Science in Sports & Exercise*. 2006 Jul;38(7):1236-1244.
8. **Chubak J**, McTiernan A, Sorensen B, Wener MH, Yasui Y, Velasquez M, Wood B, Rajan KB, Wetmore CM, Potter JD, Ulrich CM. Moderate-intensity exercise reduces the incidence of colds among postmenopausal women – results from a randomized trial. *American Journal of Medicine*. 2006 Nov;119(11):937-942.
9. Tworoger S, Sorensen B, **Chubak J**, Irwin M, Stanczyk F, Ulrich C, Potter J, McTiernan A. Effect of a 12-month randomized clinical trial of exercise on serum prolactin concentrations in postmenopausal women. *Cancer Epidemiol Biomarkers Prev*. 2007 May;16(5):895-899.
10. Rhew I, Yasui Y, Sorensen B, Ulrich CM, Neuhaus M, Potter JD, Tworoger SS, **Chubak J**, Bowen DJ, McTiernan A. Minimal effects of an exercise intervention trial on self-reported health behaviors in obese post-menopausal women. *Contemporary Clinical Trials*. 2007 Jul;28(4):472-481.
11. **Chubak J**, Doherty JA, Cushing-Haugen KL, Voigt LF, Saltzman BS, Hill DA, Beresford SAA, Weiss NS. Endometrial cancer risk in estrogen users after switching to estrogen-progestin therapy. *Cancer Causes Control*. 2007 Nov;18(9):1001-1007.

12. **Chubak J**, Buist DSM, Boudreau DM, Rossing M, Lumley T, Weiss NS. Breast cancer recurrence risk in relation to antidepressant use after diagnosis. *Breast Cancer Research and Treatment*. 2008;112:123-132.
13. Hawkins V, Foster-Schubert K, **Chubak J**, Sorensen B, Ulrich CM, Stanczyk FZ, Plymate S, Stanford J, White E, Potter JD, McTiernan A. Effect of exercise on serum sex hormones in men: a 12-month randomized clinical trial. *Medicine & Science in Sports & Exercise*. 2008 Feb;40(2):223-233.
14. **Chubak J**, Bowles EA, Terry MB, Trentham-Dietz A, Buist DSM. Antidepressant medications and change in mammographic density in postmenopausal women. *Cancer Epidemiol Biomarkers Prev*. 2009 Feb;18(2):676-679.
15. **Chubak J**, Boudreau DM, Rulyak SJ, Mandelson MT. Colorectal cancer risk in relation to use of acid suppressive medications. *Pharmacoepidemiology and Drug Safety*. 2009 Jul;18(7):540-4.
16. Buist DSM, **Chubak J**, Prout M, Yood MU, Bosco JLF, Thwin SS, Gold HT, Owusu C, Field TS, Quinn VP, Wei F, Silliman RA. Referral, receipt, and completion of chemotherapy in patients with early-stage breast cancer older than 65 years and at high risk of breast cancer recurrence. *J Clin Oncol*. 2009 Aug;27(27):4508-4514.
17. **Chubak J**, Boudreau DM, Fishman PA, Elmore JG. Cost of breast-related care in the year following false positive screening mammograms. *Med Care*. 2010 Sep;48(9):815-20.
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### Non-author contributions (group authorship)

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2. **Chubak J**, Boudreau DM, Buist DSM, McKnight B, Rossing MA, Weiss NS. Approaches to reducing confounding by indication in a study of breast cancer prognosis in relation to the use of antidepressants after diagnosis. *Pharmacoepidemiology and Drug Safety* 2006; 15:S94-S.
3. Boudreau D, **Chubak J**, Stang P, Wirtz H, Key D, Von Korff M. Comparison of Different Methods for Calculating Medication Exposure. *Pharmacoepidemiology and Drug Safety* 2011; 20:S309-S.
4. **Chubak J**, Tuzzio L, Hsu C, Alfano C, Rabin B, Hornbrook M, Spegman A, Von Worley A, Williams A, Nekhlyudov L. Providing Care to Cancer Survivors in Integrated Health Care Delivery Systems: Barriers, Facilitators and Opportunities. *Psycho-Oncology* 2013; 22:2-3.
5. **Chubak J**, Hubbard RA, Johnson E, Kamineni A, Rutter CM. Assessing the effectiveness of a cancer screening test in the presence of another screening modality in nonrandomized studies. *American Journal of Epidemiology* 2013; 177:S110-S.
6. Boudreau DM, Yu OC, **Chubak J**, Bowles E, Wirtz HS, Fujii M, et al. Comparative Safety of Cardiovascular Medication Use and Breast Cancer Outcomes. *Pharmacoepidemiology and Drug Safety* 2013; 22:192-.
7. Wirtz HS, Buist DSM, Gralow JR, Barlow WE, Gray S, **Chubak J**, Yu O, Bowles E, Fujii M, Boudreau DM. Frequent Antibiotic Use and Breast Cancer Outcomes. *Pharmacoepidemiology and Drug Safety* 2013; 22:73-.
8. Ludman E, Bowles E, Rutter C, **Chubak J**, Penfold R, Reid R, et al. Newly Diagnosed Cancer Patients With and Without Depressive Symptoms Benefit From Nurse Navigation. *Psycho-Oncology* 2014; 23:109-10.
9. Nekhlyudov L, Walker R, Ziebell R, Rabin B, Nutt S, **Chubak J**. Cancer survivors' experiences with insurance, employment and personal finances: Results from a multi-site study. *Journal of Clinical Oncology* 2015; 33:1.
10. Resta R, Drescher CW, Beatty D, Andersen MR, Watabayashi K, Thorpe J, Purkey H, **Chubak J**, Hanson N, Buist DSM, Urban N. Systematic identification of high risk women for genetic counseling and surgical prevention of ovarian cancer. *Clinical Cancer Research* 2015; 21:1.
11. Dickerson JF, **Chubak J**, Rabin B, Nekhlyudov L, Varga AM, Fujii M, Ziebell R, Banegas MP. The association between employment changes and healthcare use in the year after cancer diagnosis. *Journal of Clinical Oncology* 2017; 35:5.
12. Jones S, Ziebell R, Walker R, Nekhlyudov L, Rabin B, Nutt S, Fujii M, **Chubak J**. Relationship of worry about cancer to perceived risk and positive and negative effects of cancer. *Ann Behav Med* 2017; 51:S1897-S8.

### Submitted manuscripts under review

1. Yong J, Huang J, Chubak J, Wang X, Hubbard RA, Chen Y. An augmented estimation procedure for EHR-based association studies accounting for differential misclassification. Under Review: *JAMIA: Journal of the American Medical Informatics Association*.
2. Burnett-Hartman AN, **Chubak J**, Hua X, Ziebell R, Kamineni A, Zhu L, Upton MP, Hardikar S, Newcomb PA. The association between colorectal sessile serrated adenomas/polyps and subsequent advanced colorectal neoplasia. Revision Invited: *Cancer Causes and Control*.
3. Dickerson JF, **Chubak J**, Rabin B, Nekhlyudov L, Varga AM, Ziebell R, Rabin B, Banegas MP. Employment patterns and health care utilization among cancer survivors. Under Review: *JAMA Oncology*.

4. Chen L, **Chubak J**, Yu O, Pocobelli G, Ziebell RA, Bowles EJA, Fujii MM, Sterrett AT, Boggs JM, Ritzwoller DP, Hubbard RA, and. Boudreau DM. Changes in use of opioid therapy after colon cancer diagnosis: a population-based study. Under Review: *Cancer Causes & Control*.
5. Check DK, Hutcheson KA, Poisson L, Pocobelli G, Sakoda LC, Zaveri J, Chang SS, **Chubak J**. Identifying potential predictors of work discontinuation among older and working-age survivors of oropharyngeal cancer. Revision Invited: *Head and Neck*.
6. Hua X, Newcomb PA, **Chubak J**, Malen R, Ziebell R, Kamineni A, Zhu LC, Upton MP, Wurscher MA, Thomas SS, Newman H, Hardikar S, Burnett-Hartman AN. Colorectal serrated polyp molecular characteristics associated with subsequent advanced colorectal neoplasia. Under Review: *Modern Pathology*.
7. Lee JK, Jensen CD, Levin TR, Zauber AG, **Chubak J**, Kamineni AS, Schottinger JE, Ghai NR, Udaltsova N, Zhao WK, Fireman BH, Quesenberry CP, Oray J, Skinner SK, Halm EA, Corley DA. Long-term risk of colorectal cancer and related deaths after adenoma removal in a large, community-based population. Under Review: *Gastroenterology*.
8. Burnett-Hartman AN, Kamineni A, Corley DA, Singal AG, Halm EA, Rutter CM, **Chubak J**, Lee JK, Doubeni CA, Inadomi JM, Doria-Rose VP, Zheng Y. Colonoscopy indication algorithm performance across diverse health systems in the PROSPR Consortium. Revision Invited: *eGEMs (Generating Evidence & Methods to improve patient outcomes)*.

### Manuscripts in progress

1. Zheng Y, Corley DA, Doubeni C, Shortreed SM, Halm E, Barlow WE, Zauber A, Tosteson TD, Doria-Rose P, **Chubak J**. Analyses of preventive care measures with incomplete historical data in electronic medical records: an example from colorectal cancer.
2. Wernli KJ, Kamineni A, Johnson E, Shortreed SM, Green BB, Rutter CM, **Chubak J**. Current patterns of colorectal cancer screening in US insured population.
3. Tiro JA, Kamineni A, Chao CR, Wheeler CM, Doria-Rose VP, Silverberg MJ, Pruitt SL, Kim JJ, Winer RL, Beaber EF, **Chubak J**, Corley DA, Quinn VP, Kobrin S. Characterizing HPV vaccine dosing patterns among young adult women in the PROSPR I Cervical Consortium.
4. Kamineni A, Harding B, Gunderson GD, Oliver M, Graham V, **Chubak J**. Validation of Administrative Data to Identify Cervical Diagnostic and Treatment Procedures in a Mixed-Model Health Care Setting.

## PRESENTATION OF RESEARCH FINDINGS AT PROFESSIONAL MEETINGS

### Contributed oral presentations

1. “Human germline genetic modification and our responsibilities to future generations.” New Zealand Bioethics Conference. Dunedin, New Zealand, 2002.
2. “A student initiated grassroots effort to increase dialogue about science.” American Association for the Advancement of Science. St. Louis, Missouri, 2006.
3. “Endometrial cancer risk in former users of unopposed estrogens: The influence of switching to combined estrogen-progestin therapy.” Congress of Epidemiology. Seattle, Washington, 2006.
4. “Breast cancer recurrence risk in relation to antidepressant use after diagnosis” HMO Research Network Annual Meeting. Minneapolis, Minnesota, 2008.

5. “Colorectal cancer risk in relation to antidepressant use.” American Society of Preventive Oncology. Tampa, Florida, 2009. *Honored as one of the top 16 abstracts submitted.*
6. “Providing care for cancer survivors in integrated delivery systems: preliminary results from an assessment of current practices and future opportunities.” HMO Research Network Annual Meeting. Austin, Texas, 2010.
7. “Algorithms to identify second breast cancer events from administrative data.” Society for Epidemiologic Research Annual Meeting. Minneapolis, Minnesota, 2012.
8. “Assessing the effectiveness of a cancer screening test in the presence of another screening modality.” Society for Epidemiologic Research Annual Meeting. Boston, Massachusetts, 2013.
9. “The Cancer Research Network: a platform for survivorship research.” Biennial Cancer Survivorship Research Conference. Atlanta, Georgia, 2014.

### **Invited oral presentations**

1. “Methodological challenges in comparing the effectiveness of approaches to cancer screening.” Western North American Region of the International Biometric Society. Seattle, Washington, 2010.
2. “Introduction to the Chronic Care Model.” Cancer Survivorship & Chronic Care Roundtable, George Washington Cancer Institute. Washington DC, 2011.
3. “Common ground: proposed terminology for consistency in comparative effectiveness research—the case of cancer screening.” American Society of Preventive Oncology. Washington DC, 2012.
4. “Providing Care to Cancer Survivors in Integrated Health Care Delivery Systems: Barriers, Facilitators, and Opportunities.” American Psychosocial Oncology Society 10th Annual Conference. Huntington Beach, California, 2013.
5. “Commonly used medications and risk of colorectal cancer recurrence.” National Cancer Institute, Division of Cancer Control and Prevention, New Grantee Workshop, Rockville, Maryland, 2014.
6. “Data Improvement in the Cancer Research Network.” HMO Research Network Conference. Phoenix, Arizona, 2014.
7. “Research careers within health care systems.” Professional development session on “International/alternative career paths.” Epidemiology Congress of the Americas, Miami, Florida, 2016.
8. “EMR algorithms for health research: what, when, and how?” Health Care Systems Research Network Conference. San Diego, California, 2017.
9. “Using claims and electronic health record data to study cancer screening: challenges and opportunities.” Society for Epidemiologic Research. Baltimore, Maryland, 2018.
10. “Using health care data to study and improve colorectal cancer screening.” 3<sup>rd</sup> Seattle Symposium on Health Care Data Analytics. Seattle, Washington, 2018.
11. “Recurring challenges in studying cancer recurrence.” UNC Lineberger Cancer Outcomes Research Program Breakfast Seminar. Chapel Hill, North Carolina, 2019.
12. “Administrative and EHR data: What, why, and how?” 7<sup>th</sup> Kolokotronis Symposium on Data Science, Harvard University, Boston, Massachusetts, 2019.
13. “Methodological issues in observational studies of second-line diabetes agents.” 7<sup>th</sup> Kolokotronis Symposium on Data Science, Harvard University, Boston, Massachusetts, 2019.

### Meeting presentations made by preceptees

1. Lowry S. "Risk of non-Hodgkin lymphoma in relation to tricyclic antidepressant use." American Society of Preventive Oncology. Washington DC, 2012. *Honored as one of the top 20 abstracts submitted.*
2. Lowry S. "Risk of non-Hodgkin lymphoma in relation to tricyclic antidepressant use." American College of Epidemiology. Chicago, Illinois, 2012. *Received Doctoral Student Prize.*

### Poster presentations

1. Tworoger SS, **Chubak J**, Aiello EJ, Ulrich CM, Yasui Y, Janssen P, Potter J, Farin F, McTiernan A, "Association between *CYP17*, *CYP19*, and *COMT* genotypes and estrogen and SHBG concentrations in postmenopausal women." American Association for Cancer Research. Washington DC, 2003.
2. Mitchell B, Roberts M, Benki S, **Chubak J**, Robey T. "The Forum on Science Ethics and Policy: A new Seattle organization stimulates discussion on the role of science in our society." American Association for the Advancement of Science. Washington DC, 2005.
3. **Chubak J**, Tworoger SS, Yasui Y, Ulrich CM, Stanczyk FZ, McTiernan A. "Associations between reproductive and menstrual factors and postmenopausal androgen concentrations." American Association for Cancer Research. Anaheim, California, 2005.
4. Tworoger SS, Sorensen B, **Chubak J**, McTiernan A. "The effect of a 12-month randomized controlled trial of exercise on serum prolactin concentrations in postmenopausal women." Congress of Epidemiology. Seattle, Washington, 2006.
5. Hawkins V, **Chubak J**, Sorensen B, Stanford J, White E, McTiernan A. "Influence of exercise on serum sex hormones in men: a 12-month randomized controlled clinical trial." Congress of Epidemiology. Seattle, Washington, 2006.
6. **Chubak J**, Buist DSM, Boudreau DM, McKnight B, Rossing MA, Weiss NS. "Approaches to reducing confounding by indication in a study of breast cancer prognosis in relation to the use of antidepressants after diagnosis." International Congress of Pharmacoepidemiology. Lisbon, Portugal, 2006.
7. Tuzzio L, **Chubak J**, Hsu C, Kirlin B, Nekhlyudov L, for the CRN Survivorship Scientific Interest Group. "Providing care for cancer survivors in integrated delivery systems: an assessment of current practices and future opportunities." AcademyHealth. Boston, Massachusetts, 2010.
8. **Chubak J**, Hsu C, Tuzzio L, Kirlin B, Nekhlyudov L, for the CRN Survivorship Scientific Interest Group. "Providing care for cancer survivors in integrated delivery systems: an assessment of current practices and future opportunities." Fifth Biennial Cancer Survivorship Research Conference. Washington DC, 2010.
9. Bowles EJA, Buist DSM, **Chubak J**, Yu O, Boudreau DM. "Uptake of tamoxifen and aromatase inhibitors in women with early stage, invasive breast cancer in a community setting, 2001-2008." American Society of Preventive Oncology. Las Vegas, Nevada, 2011.
10. Pocobelli G, **Chubak J**, Buist D, Hanson N, Drescher C, Resta R, and Urban N. "Rates of prophylactic oophorectomy before and after the introduction of a clinical practice guideline on the referral of high-risk women to genetic counseling." American Society of Preventive Oncology. Las Vegas, Nevada, 2011.
11. **Chubak J**, Pocobelli G, Weiss NS. "Considerations in developing and using electronic healthcare data algorithms for epidemiologic and health services research." Congress of Epidemiology. Montreal, Canada, 2011.

12. Boudreau DM, Key D, **Chubak J**. “Comparison of different methods for calculating medication exposure.” International Congress of Pharmacoepidemiology. Chicago, Illinois, 2011.
13. **Chubak J**, Bogart A, Laing S, Green B. “Comparing uptake of fecal occult blood tests for colorectal cancer screening: results from a randomized controlled trial.” American Society of Preventive Oncology. Washington DC, 2012. *Poster received honorable mention.*
14. **Chubak J**, Bogart A, Laing S, Green B. “Comparing uptake of fecal occult blood tests for colorectal cancer screening: results from a randomized controlled trial.” International Cancer Screening Network. Sydney, Australia, 2012.
15. **Chubak J**, Hubbard R, Kamineni A, Wernli K, Rutter R. “Defining and calculating measures of screening participation for international comparative effectiveness research.” International Cancer Screening Network. Sydney, Australia, 2012.
16. **Chubak J**, Rutter CM, Kamineni A, Johnson EA, Stout NK, Weiss NS, Doria-Rose VP, Doubeni CA, Buist DSM. “Relative effectiveness measures: defining and understanding the essential features for comparative effectiveness research.” International Cancer Screening Network. Sydney, Australia, 2012.
17. **Chubak J** and Flaherty L. “Oncology Nurse Navigator Trial.” Group Health Research Rounding. Seattle, Washington, 2013.
18. Ludman E, Bowles E, Rutter C, **Chubak J**, Penfold R, Reid R, McCorkle R, Wagner E. Newly diagnosed cancer patients with and without depressive symptoms benefit from nurse navigation. American Psychosocial Oncology Society. Tampa, Florida, 2014.
19. Burnett-Hartman AN, **Chubak J**, Kamineni A, Ziebell R, Upton MP, Zhu L-C, Newcomb A. Short-term risk of colorectal cancer in colonoscopy patients with sessile serrated polyps. American Society of Preventive Oncology. Arlington, Virginia, 2014.
20. **Chubak J**, Ziebell R, Hart G, Greenlee R, Honda S, Hornbrook M, Lamerato L, Mazor K, Nekhlyudov L, Pawloski P, Ritzwoller D, Quinn V, Doria-Rose VP, Kushi L. “Cancer Research Network: Data availability pre- and post- cancer diagnosis.” HMO Research Network Conference. Phoenix, Arizona, 2014.
21. Halgrim SR, Sizemore L, Pham E, Gundersen G, Carrell DS, Wernli K, **Chubak J**, Rutter CM. “Linking adenomas between colonoscopy and pathology notes for PROSPR.” American Medical Informatics Association. Washington, DC, 2014.
22. Ziebell R, Hart G, **Chubak J**, Krajenta R, Lamerato L, Miroshnik I, Nekhlyudov L, DeFor L, Pawloski P, Tabano D, Ritzwoller D, Wong C, Schmidt M, Rust M, Hornbrook MC, Ghai N, Quinn V, McManus V, Greenlee R, Fouayzi H, Epstein M, Lee V, Kushi L. “Colorectal cancer data in the Cancer Research Network.” HMO Research Network Conference. Long Beach, California, 2015.
23. **Chubak J**, Garcia M, Burnett-Hartman A, Zheng Y, Halm EA, Corley DA, Kamineni A, Singal AG, Green BB, Doubeni CA, Klabunde CN, Rutter CM. “Factors associated with time to colonoscopy after a positive fecal occult blood test .” American Society of Preventive Oncology. Birmingham, Alabama, 2015.
24. Hubbard RA, Ripping TM, **Chubak J**, Miglioretti DM, Broeders MJM. “Accounting for censoring in estimation of cumulative risk of false-positive screening mammography results using observational data.” International Cancer Screening Network. Rotterdam, the Netherlands, 2015.

25. Wernli KJ, Hubbard RA, Johnson E, **Chubak J**, Kamineneni A, Green BB, Rutter CM. “Patterns of colorectal cancer screening uptake in newly-eligible men and women.” International Cancer Screening Network. Rotterdam, the Netherlands, 2015.
26. Nekhlyudov L, Walker R, Ziebell R, Rabin B, Nutt S, **Chubak J**. “Cancer survivors’ experiences with insurance, personal finances, and employments: results from a multi-site study.” American Society of Clinical Oncology. Chicago, Illinois, 2015.
27. Ziebell R, **Chubak J**, Vilks Y, Stout N, DeFor T, Pawloski P, Krajenta R, Neslund-Dudas C, Frankland T, Schmidt M, O’Keeffe-Rosetti M, McMullen C, Tabano D, Ritzwoller DP, Lee V, Kushi LH, Hoch B, Greenlee R, Fouayzi H, Epstein MM. “Myeloma Data in the Cancer Research Network” Health Care Systems Research Network Conference. Atlanta, Georgia, 2016.
28. **Chubak J**, Ziebell R, Aiello Bowles EJ, Sterrett A, Ritzwoller DP, Boudreau DM, Yu O, Fujii MM, Boggs JM, Hubbard RA. “Comorbidity prevalence in newly diagnosed colorectal cancer patients.” 8<sup>th</sup> Biennial Cancer Survivorship Research Conference. Washington DC, 2016.
29. Pocobelli G, Ziebell R, Fujii M, McClure J, **Chubak J**. “Symptom burden in long-term head and neck cancer survivors.” Cancer Survivorship Symposium. San Diego, California, 2017.
30. Ziebell R, **Chubak J**, Hartzel D, Rahm A, Malek S, Stout N, DeFor T, Pawloski PA, Krajenta R, Neslund-Dudas C, Mor J, Pishchalenko V, O’Keeffe-Rosetti M, McMullen C, Tabano D, Ritzwoller D, Laurent C, Kushi LH, Hoch B, Greenlee R, Fouayzi H, Epstein MM. “Adolescent and Young Adult Cancer Data in the Cancer Research Network.” Health Care Systems Research Network Conference. San Diego, California, 2017.
31. Chen L, **Chubak J**, Boudreau DM, Barlow WE, Weiss NS, Li CI. “Diabetes treatments and risks of adverse breast cancer outcomes among early stage breast cancer patients: A SEER-Medicare analysis.” Health Care Systems Research Network Conference. San Diego, California, 2017.
32. Dickerson JF, **Chubak J**, Rabin B, Nekhlyudov, Varga AM, Fujii M, Ziebell R, Banegas MP. The association between employment changes and healthcare use in the year after cancer diagnosis. *Journal of Clinical Oncology*. 2017;35(15\_suppl):6551-6551. American Society of Clinical Oncology. Chicago, Illinois, 2017.
33. Burnett-Hartman AN, Powers JD, **Chubak J**, Corley DA, Ghai NR, McMullen CK, Pawloski PA, Feigelson HS. Tumor characteristics and treatment in early-onset colorectal cancer. ASCO Gastrointestinal Cancers Symposium. San Francisco, California, 2018.
34. Burnett-Hartman AN, **Chubak J**, Hua X, Kamineneni A, Ziebell R, Hardikar S, Newcomb PA. The association between sessile serrated adenomas/polyps and subsequent advanced colorectal neoplasia. *Digestive Disease Week*. Washington DC, 2018.
35. Bowles EJ, Yu O, Ziebell R, Chen L, Boudreau D, Ritzwoller DP, Hubbard R, Boggs J, Burnett-Hartman A, Sterrett A, Fujii M, **Chubak J**. Cardiovascular medication use and risks of colon cancer recurrences and second cancers. American Society for Preventive Oncology, New York, NY, March 2018; and Kaiser Permanente National Oncology Symposium, San Francisco, California, 2018.
36. Clarke CL, Kushi LH, **Chubak J**, Pawloski PA, Bulkley JE, Epstein MM, Burnett-Hartman AN, Powell, Pearce CL, Spencer Feigelson H. Age, stage and depression are important predictors of long-term survival among HGSOc patients. 12<sup>th</sup> Biennial Ovarian Cancer Research Symposium. Seattle, Washington, 2018
37. Reding KW, Cheng RK, Aragaki A, Limacher M, Hundley WG, D’Agostino Jr RD, Chen C, **Chubak J**, Chow EJ, Smoller S, Jackson R, Habel L, Banegas MP, Morgenroth A, Brasky T,



Barrington WE, Barac A. Cardiovascular outcomes in relation to use of anti-hypertensive medications in those with and without cancer. 2018 Global Cardio-Oncology Summit. Tampa, Florida, 2018.

38. Green BB, Anderson ML, **Chubak J**, Fuller S, Meenan RT, Vernon SW, Cook AJ. A centralized mailed program and stepped increases of support increases time in compliance with colorectal cancer screening guidelines over 9 years: a randomized trial. Health Care Systems Research Network Conference. Portland, Oregon, 2019.
39. Hua X, Newcomb PA, **Chubak J**, Malen RC, Ziebell R, Kamineni A, Zhu LC, Upton MP, Wurscher MA, Thomas SS, Newman H, Hardikar S, Burnett-Hartman AN. Association between molecular characteristics of serrated polyps and subsequent advanced colorectal neoplasia. American Association for Cancer Research Annual Meeting. Atlanta, Georgia, 2019.

## SEMINARS

1. “Endometrial cancer risk in former users of unopposed estrogens: The influence of switching to combined estrogen-progestin therapy.” Fred Hutchinson Research Center. June 16, 2006.
2. “Determining date of death in women with breast cancer.” Breast Cancer Surveillance Scientific Meeting, Group Health Center for Health Studies. December 6, 2006.
3. “Selected methodological issues in pharmacoepidemiological studies.” Group Health Center for Health Studies. June 5, 2007.
4. “Medicare Special Needs Program Evaluation.” Group Health. January 16, 2008.
5. “Cost of false positive mammograms,” Breast Cancer Surveillance Scientific Meeting, Group Health Research Institute. June 29, 2009.
6. “Algorithms to Identify Second Breast Cancer Events from Electronic Data,” Group Health Research Institute. January 19, 2010.
7. “Fecal Occult Blood Testing - Is it FIT for large-scale population based screening? Results from a randomized trial and matched cohort study” (co-presenter) Alliance for Reducing Cancer, Northwest. December 8, 2011.
8. “Algorithms to identify second breast cancer events from administrative data,” Women’s Health Initiative Survivor Cohort Committee Meeting, Fred Hutchinson Cancer Research Center. May 3, 2013.
9. “Methodological issues in studies of cancer recurrence and mortality.” Joint Cancer Prevention/Epidemiology Seminar Series, Fred Hutchinson Cancer Research Center. January 31, 2014.
10. “The cat is out of the bag: preliminary findings from studies of animal-assisted activities in pediatric oncology.” Group Health Research Institute Scientific Seminar. April 26, 2016.
11. “Survivorship research within the Cancer Research Network.” Long Term Effects and Survivorship Affinity Group, Fred Hutchinson Cancer Research Center. May 12, 2016.
12. “Therapy Dog Visits for Children with Cancer: A Randomized Controlled Trial of Psychological Effects and Pathogen Transmission.” Washington State Department of Health. April 17, 2018.
13. “Bias in pharmacoepidemiologic studies of cancer outcomes: a case study.” UNC Pharmacoepidemiology Seminar. February 11, 2019.

## TEACHING

### Formal courses

Tutor (Lecturer), “Patient, Doctor, and Society,” University of Otago, New Zealand, 2001 – 2002  
Teaching Assistant, “Epidemiologic Methods,” University of Washington, 2006 – 2007

### Guest lecturer/instructor

Case study discussion co-leader “Research Ethics,” Fred Hutchinson Cancer Research Center, 2005  
Lecturer, “Epidemiology 101,” Group Health Center for Health Studies, 2007  
Lecturer, “Marginal Structural Models,” University of Washington, Pharmacoepidemiology, 2008  
Session leader, Epidemiology journal club, University of Washington, 2009  
Lecturer, “Cancer as a chronic disease: managing care for cancer survivors.” Oncology symposium for the primary care team, Seattle Cancer Care Alliance, 2013  
Lecturer, “Epidemiology 101,” Group Health Research Institute, 2015  
Instructor, “Exploring Bias and Threats to Validity in Studies of Cancer Recurrence and Survival” in “Applying Epidemiologic Methods for Observational Data in Survivorship Research.” 8<sup>th</sup> Biennial Cancer Survivorship Research Conference, 2016.  
CME Faculty, “Colorectal Cancer Screening Guideline Update,” Medical Staff Video Conference Series, Group Health, 2016.  
Lecturer, “Exploring Bias and Threats to Validity in Studies of Cancer Recurrence and Survival.” Epidemiology 582 (Design and Analytic Strategies to Enhance the Validity of Epidemiologic Studies), University of Washington, 2017, 2018, 2019.  
Lecturer, “Epidemiology 101,” Kaiser Permanente Washington Health Research Institute, 2019.

### Organization

Co-organizer, (Course) “Epidemiology 101,” Group Health Research Institute, 2015.  
Co-organizer, (Workshop) “Applying Epidemiologic Methods for Observational Data in Survivorship Research.” 8<sup>th</sup> Biennial Cancer Survivorship Research Conference, 2016.  
Co-organizer, (Course) “Epidemiology 101,” Kaiser Permanente Washington Health Research Institute, 2019.

## ADVISING AND FORMAL MENTORING

### PhD committees in non-chair roles

Member, Doctoral Committee for Ronit Dalmat, Department of Epidemiology, University of Washington, 2019 – present  
Member, Doctoral Committee for Sarah Lowry, Department of Epidemiology, University of Washington, 2009 – 2012. “Risk of non-Hodgkin Lymphoma in Relation to Tricyclic Antidepressant Use.”  
Member, Doctoral Committee for Lu Chen, Department of Epidemiology, University of Washington, 2014 – 2016. “Hypertension and diabetes treatment and risk of adverse outcomes among breast cancer patients.”

### Masters committee in non-chair roles

Member, Masters Committee for Sophie Mayer, Department of Epidemiology, University of Washington, 2016. “CYP2D6 inherited variation and inhibiting medication use in relation to adverse breast cancer outcomes after tamoxifen therapy.”

## **Supervision and mentoring**

Research Assistant Supervisor, Gaia Pocobelli, MSc; PhD student in Epidemiology, University of Washington, School of Public Health, 2009 – 2011

Student Intern Supervisor, David Liss, MA, PhD student in Health Services, University of Washington, School of Public Health, 2009 – 2010

### Research Associate Supervisor

Dr. Aruna Kamineni, Group Health Research Institute, 2009 – 2012

Dr. Ellen O’Meara, Kaiser Permanente Washington Health Research Institute, 2014 – present

Dr. Gaia Pocobelli, Kaiser Permanente Washington Health Research Institute, 2015 – present

### Cancer Research Network (CRN) Scholars mentoring committee member

Dr. Dori Rosenberg, PhD, Group Health Research Institute, 2013 – 2015

Dr. Amit Singal, MD, MPH, University of Texas Southwestern, 2013 – 2015

Dr. Kim Danforth, PhD, Kaiser Permanente Southern California, 2015 – 2017

### Other mentoring

Dr. Salene M.W. Jones, PhD, Group Health Research Institute, 2014 – 2015

Ms. Erin J. Aiello Bowles, MPH, Kaiser Permanente Washington Health Research Institute, 2016 – present

Dr. Lu Chen, PhD, Kaiser Permanente Washington Health Research Institute, 2018 – present