

Ellen Siobhan O'Meara, PhD
Curriculum Vitae

Kaiser Permanente Washington Health Research Institute
(formerly Group Health Research Institute)
1730 Minor Ave, Suite 1600, Seattle, Washington 98101
Phone: 206-287-2938
Fax: 206-287-2871
E-mail: Ellen.S.O'Meara@kp.org

EDUCATION

University of Washington, Seattle, Washington
PhD, Epidemiology, December 1999

University of Washington, Seattle, Washington
MS, Epidemiology, June 1995

Stanford University, Stanford, California
AB, Human Biology, June 1991

PROFESSIONAL POSITIONS

Research Associate IV, March 2018-present

Kaiser Permanente Washington Health Research Institute, Seattle, Washington

Research Associate III, November 2009-March 2018

Kaiser Permanente Washington Health Research Institute, Seattle, Washington

Research Scientist 4 (Epidemiologist), September 1999-October 2009

Collaborative Health Studies Coordinating Center, Department of Biostatistics
University of Washington, Seattle, Washington

Research Associate, September 1996-September 1999

Weiss-Daling Studies (Cancer Epidemiology)
Fred Hutchinson Cancer Research Center, Seattle, Washington

Research Assistant, September 1993-September 1996

Alzheimer's Disease Studies, Department of Epidemiology
University of Washington, Seattle, Washington

Research Assistant / Project Coordinator, September 1990-August 1993

Stanford Alzheimer's Center, Department of Psychiatry and Behavioral Sciences
Stanford University School of Medicine, Stanford, California

HONORS, AWARDS, SCHOLARSHIPS

National Research Service Award predoctoral trainee, Cancer Epidemiology and Biostatistics Training Program, National Institutes of Health, 1996-1999

Molecular Biology and Pathology of Neoplasia Workshop travel scholarship, American Association for Cancer Research, Keystone, Colorado, 1998

Student Workshop on Epidemiologic Methods presenter, 30th Annual Meeting of the Society for Epidemiologic Research, Edmonton, Alberta, Canada, 1997

New Investigators Workshop presenter, 21st Annual Meeting of the American Society of Preventive Oncology, New Orleans, Louisiana, 1997

Alternate, Howard Hughes Medical Institute Predoctoral Fellowships in Biological Sciences, 1994

BIBLIOGRAPHY

Peer-reviewed research articles

1. Kukull WA, Larson EB, Bowen JD, McCormick WC, Teri L, Pfanschmidt M, Thompson JD, **O'Meara ES**, Brenner DE, van Belle G. Solvent exposure as a risk factor for Alzheimer's disease: A case-control study. *Am J Epidemiol.* 1995;141(11):1059-71.
2. Kukull WA, Schellenberg GD, Bowen JD, McCormick WC, Yu C-E, Teri L, Thompson JD, **O'Meara ES**, Larson EB. Apolipoprotein E in Alzheimer's disease risk and case detection: A case-control study. *J Clin Epidemiol.* 1996;49:1143-8.
3. Larson EB, Edwards JK, **O'Meara E**, Nochlin D, Sumi SM. Neuropathologic diagnostic outcomes from a cohort of outpatients with suspected dementia. *J Gerontol A Biol Sci Med Sci.* 1996;51A(6):M313-8.
4. **O'Meara ES**, Kukull WA, Schellenberg GD, Bowen JD, McCormick WC, Teri L, Pfanschmidt M, Thompson JD, Larson EB. Alzheimer's disease and history of blood transfusion by apolipoprotein E genotype. *Neuroepidemiology.* 1997;16:86-93.
5. **O'Meara ES**, Kukull WA, Sheppard L, Bowen JD, McCormick WC, Teri L, Pfanschmidt M, Thompson JD, Schellenberg GD, Larson EB. Head injury and risk of Alzheimer's disease by apolipoprotein E genotype. *Am J Epidemiol.* 1997;146(5):373-84.
6. Engel LS, **O'Meara ES**, Schwartz SM. Maternal occupation in agriculture and risk of limb defects in Washington State, 1980-1993. *Scand J Work Environ Health.* 2000;26(3):193-8.
7. **O'Meara ES**, Rossing MA, Daling JR, Elmore JG, Barlow WE, Weiss NS. Hormone replacement therapy after a diagnosis of breast cancer in relation to recurrence and mortality. *J Natl Cancer Inst.* 2001;93:754-62.
8. Johnston SC, **O'Meara ES**, Manolio TA, Lefkowitz D, O'Leary DH, Goldstein S, Carlson MC, Fried LP, Longstreth WT Jr. Cognitive impairment and decline are associated with carotid artery disease in patients without clinically evident cerebrovascular disease. *Ann Intern Med.* 2004 Feb 17;140(4):237-47.
9. Elkins JS, **O'Meara ES**, Longstreth WT Jr, Carlson MC, Manolio TA, Johnston SC. Stroke risk factors and loss of high cognitive function. *Neurology.* 2004 Sep 14;63(5):793-9.

10. **O'Meara ES**, White M, Siscovick DS, Lyles MF, Kuller LH. Hospitalization for Pneumonia in the Cardiovascular Health Study: Incidence, Mortality, and Influence on Longer-term Survival. *J Am Geriatr Soc* 2005, Jul;53(7):1108-16.
11. Pearte CA, Furberg CD, **O'Meara ES**, Psaty BM, Kuller L, Powe N, Manolio T. Characteristics and baseline clinical predictors of future fatal versus nonfatal coronary heart disease events in older adults: the Cardiovascular Health Study. *Circulation*. 2006 May 9;113(18):2177-85.
12. Sullivan MD, **O'Meara ES**. Heart failure at the end of life: symptoms, function, and medical care in the Cardiovascular Health Study. *Am J Geriatr Cardiol*. 2006 Jul-Aug;15(4):217-25.
13. Van der Hagen PB, Folsom AR, Jenny NS, Heckbert SR, **O'Meara ES**, Reich LM, Rosendaal FR, Cushman M. Subclinical atherosclerosis and the risk of future venous thrombosis in the Cardiovascular Health Study. *J Thromb Haemost*. 2006 Sep;4(9):1903-8.
14. Auchincloss AH, Diez Roux AV, Brown DG, **O'Meara ES**, Raghunathan TE. Association of Insulin Resistance with Distance to Wealthy Areas: The Multi-Ethnic Study of Atherosclerosis. *Am J Epidemiol*. 2007 165: 389-397.
15. Shiffman D, **O'Meara ES**, Bare LA, Rowland CM, Louie JZ, Arellano AR, Lumley T, Rice K, Iakoubova O, Luke MM, Young BA, Malloy MJ, Kane JP, Ellis SG, Tracy RP, Devlin JJ, Psaty BM. Association of Gene Variants with Incident Myocardial Infarction in the Cardiovascular Health Study. *Arterioscler Thromb Vasc Biol*. 2008;28:173-179.
16. Diehr P, **O'Meara ES**, Fitzpatrick A, Newman AB, Kuller L, Burke G. Weight, mortality, years of healthy life and active life expectancy in older adults. *J Am Geriatr Soc*. 2008 Jan;56(1):76-83.
17. Olson N, **O'Meara ES**, Jenny NS, Folsom AR, Bovill EG, Furberg C, Heckbert SR, Psaty BM, Cushman M: Lipoprotein-associated phospholipase A₂ and risk of venous thrombosis in older adults. *Am J Hematol* 2008 Jul;83(7):524-7.
18. Fornage M, Chiang YA, **O'Meara ES**, Psaty BM, Reiner AP, Siscovick DS, Tracy RP, Longstreth WT Jr. Biomarkers of Inflammation and MRI-Defined Small Vessel Disease of the Brain. The Cardiovascular Health Study. *Stroke*. 2008 Jul;39(7):1952-9.
19. Mair C, Diez Roux AV, Shen MW, Echeverria S, Shea S, **O'Meara ES**, Seeman T. Cross-Sectional and Longitudinal Associations of Neighborhood Cohesion and Stressors with Depressive Symptoms in the Multiethnic Study of Atherosclerosis. *Ann Epidemiol*. 2009;19(1):49-57.
20. Luke MM, **O'Meara ES**, Rowland C, Shiffman D, Bare LA, Arellano AR, Longstreth WT Jr, Lumley T, Rice K, Tracy RP, Devlin JJ, Psaty BM. Gene Variants Associated With Ischemic Stroke: the Cardiovascular Health Study. *Stroke*. 2009 Feb;40(2):363-8.
21. Lemelin ET, Diez Roux AV, Franklin TG, Carnethon M, Lutsey PL, Ni H, **O'Meara E**, Shrager S. Life-course socioeconomic positions and subclinical atherosclerosis in the multi-ethnic study of atherosclerosis. *Soc Sci Med*. 2009;68(3):444-451.
22. Fitzpatrick AL, Kuller LH, Lopez OL, Diehr P, **O'Meara ES**, Longstreth Jr WT, Luchsinger J. Mid- and Late-Life Obesity and the Risk of Dementia: Cardiovascular Health Cognition Study. *Arch Neurol*. 2009 Mar;66(3):336-42.
23. Cappola AR, **O'Meara ES**, Guo W, Bartz TM, Fried LP, Newman AB. Trajectories of Dehydroepiandrosterone Sulfate Predict Mortality in Older Adults: The Cardiovascular Health Study. *J Gerontol A Biol Sci Med Sci*. 2009 Dec;64(12):1268-74.
24. Cushman M, **O'Meara ES**, Folsom AR, Heckbert SR. Coagulation Factors IX through XIII and the Risk of Future Venous Thrombosis: the Longitudinal Investigation of Thromboembolism Etiology. *Blood* 2009;114:2878-83.

25. Mukamal KJ, Pai JK, **O'Meara ES**, Tracy RP, Psaty BM, Kuller LH, Newman AB, Yende S, Curhan GC, Siscovick DS, Rimm EB. CRP Gene Variation and Risk of Community-Acquired Pneumonia in Two Prospective Cohort Studies. *Respirology*. 2010 Jan;15(1):160-4.
26. Mukamal KJ, Ghimire S, Pandey R, **O'Meara ES**, Gautam S. Antihypertensive Medications and Risk of Community-Acquired Pneumonia. *J Hypertens*. 2010 Feb;28(2):401-5.
27. Snitz BE, **O'Meara ES**, Carlson MC, Arnold AM, Ives DG, Rapp SR, Saxton J, Lopez OL, Dunn LO, Sink KM, DeKosky ST; Ginkgo Evaluation of Memory (GEM) Study Investigators. Ginkgo biloba for preventing cognitive decline in older adults: a randomized trial. *JAMA*. 2009 Dec 23;302(24):2663-70.
28. Murray ET, Diez Roux AV, Carnethon M, Lutsey PL, Ni H, **O'Meara ES**. Trajectories of Neighborhood Poverty and Associations with Subclinical Atherosclerosis and Associated Risk Factors: The Multi-Ethnic Study of Atherosclerosis. *Am J Epidemiol*. 2010 May 15;171(10):1099-108.
29. Kumar R, Seibold MA, Aldrich MC, Williams LK, Reiner AP, Colangelo L, Galanter J, Gignoux C, Hu D, Sen S, Choudhry S, Peterson EL, Rodriguez-Santana J, Rodriguez-Cintron W, Nalls MA, Leak TS, **O'Meara E**, Meibohm B, Kritchevsky SB, Li R, Harris TB, Nickerson DA, Fornage M, Enright P, Ziv E, Smith LJ, Liu K, González Burchard E. Genetic Ancestry in Lung Function Predictions. *N Engl J Med*. 2010 Jul 22;363(4):321-30.
30. Aguilar MI, **O'Meara ES**, Seliger S, Longstreth WT, Hart RG, Pergola PE, Shlipak MG, Katz R, Sarnak MJ, Rifkin DE. Albuminuria and the Risk of Incident Stroke and Stroke Types in Older Adults. *Neurology*, 2010 Oct 12; 75(15):1343-50.
31. Zakai NA, Lange L, Longstreth WT Jr, **O'Meara ES**, Kelley JL, Fornage M, Nickerson D, Cushman M, Reiner AP. Association of Coagulation and Inflammation Related Genes and Factor VIIc Levels with Stroke: The Cardiovascular Health Study. *J Thromb Haemost* 2011; 9: 267-74.
32. Elkind MSV, Carty CL, **O'Meara ES**, Lumley T, Lefkowitz D, Kronmal RA, Longstreth Jr WT. Hospitalization for infection and risk of acute ischemic stroke: The Cardiovascular Health Study. *Stroke* 2011 Jul;42(7):1851-6.
33. Shiffman D, **O'Meara ES**, Rowland CM, Louie JZ, Cushman M, Tracy RP, Devlin JJ, Psaty BM. The contribution of a 9p21.3 variant, a KIF6 variant, and C-reactive protein to predicting risk of myocardial infarction in a prospective study. *BMC Cardiovascular Disorders* 2011, 11:10.
34. Arab L, Biggs ML, **O'Meara ES**, Longstreth WT, Crane PK, Fitzpatrick AL. Gender Differences in Tea, Coffee, and Cognitive Decline in the Elderly: The Cardiovascular Health Study. *J Alzheimers Dis*. 2011;27(3):553-66.
35. Nelson HD, Zakher B, Cantor A, Fu R, Griffin J, **O'Meara ES**, Buist DS, Kerlikowske K, van Ravesteyn NT, Trentham-Dietz A, Mandelblatt JS, Miglioretti DL. Risk Factors for Breast Cancer for Women Aged 40 to 49 Years: A Systematic Review and Meta-analysis. *Ann Intern Med*. 2012 May 1;156(9):635-48.
36. Phipps AI, Buist DS, Malone KE, Barlow WE, Porter PL, Kerlikowske K, **O'Meara ES**, Li CI. Breast Density, Body Mass Index, and Risk of Tumor Marker-Defined Subtypes of Breast Cancer. *Ann Epidemiol*. 2012 May;22(5):340-8.
37. Diehr P, Thielke S, **O'Meara E**, Fitzpatrick AL, Newman A. Comparing years of healthy life, measured in 16 ways, for normal weight and overweight older adults. *J Obes*. 2012;2012:894894. Epub 2012 Jun 20. PMID:22778920
38. Braithwaite D, Zhu W, Hubbard RA, **O'Meara ES**, Miglioretti DL, Geller B, Dittus K, Moore D, Wernli KJ, Mandelblatt J, Kerlikowske K; Breast Cancer Surveillance Consortium. Screening outcomes in

- older U.S. women undergoing multiple mammograms in community practice: does interval, age, or comorbidity score affect tumor characteristics or false positive rates? *J Natl Cancer Inst.* 2013 Mar 6;105(5):334-41. PMID: 23385442
39. Kerlikowske K, Zhu W, Hubbard RA, Geller B, Dittus K, Braithwaite D, Wernli KJ, Miglioretti DL, **O'Meara ES**; Breast Cancer Surveillance Consortium. Outcomes of screening mammography by frequency, breast density, and postmenopausal hormone therapy. *JAMA Intern Med.* 2013 May 13;173(9):807-16. PMID:23552817
40. Tice JA, **O'Meara ES**, Weaver DL, Vachon C, Ballard-Barbash R, Kerlikowske K. Benign breast disease, mammographic breast density, and the risk of breast cancer. *J Natl Cancer Inst.* 2013 Jul 17;105(14):1043-9. PMID:23744877
41. Dittus K, Geller B, Weaver DL, Kerlikowske K, Zhu W, Hubbard R, Braithwaite D, **O'Meara ES**, Miglioretti DL; Breast Cancer Surveillance Consortium. Impact of Mammography Screening Interval on Breast Cancer Diagnosis by Menopausal Status and BMI. *J Gen Intern Med.* 2013 Nov;28(11):1454-62. PMID:23760741
42. **O'Meara ES**, Zhu W, Hubbard RA, Braithwaite D, Kerlikowske K, Dittus KL, Geller B, Wernli KJ, Miglioretti DL. Mammographic screening interval in relation to tumor characteristics and false-positive risk by race/ethnicity and age. *Cancer.* 2013 Nov 15;119(22):3959–67. PMID:24037812
43. Wernli KJ, **O'Meara ES**, Kerlikowske K, Miglioretti DL, Muller CY, Onega T, Sprague BL, Henderson LM, Buist DSM. Mammographic breast density as a risk factor for ovarian cancer. *J Natl Cancer Inst.* 2014 Jan;106(1). PMID:24309005
44. Johnson JM, Johnson AK, **O'Meara ES**, Miglioretti DL, Geller BM, Hotaling EN, Herschorn SD. Breast Cancer Detection with Short-Interval Follow-up Compared with Return to Annual Screening in Patients with Benign Stereotactic or US-guided Breast Biopsy Results. *Radiology.* 2015; 275(1):54-60. PMID: 25423143
45. Henderson LM, **O'Meara ES**, Braithwaite D, Onega T; for the Breast Cancer Surveillance Consortium. Performance of digital screening mammography among older women in the United States. *Cancer.* 2015 May 1;121(9):1379-86. doi: 10.1002/cncr.29214. PMID: 25537958
46. Kemp Jacobsen K, **O'Meara ES**, Key D, S M Buist D, Kerlikowske K, Vejborg I, Sprague BL, Lynge E, von Euler-Chelpin M. Comparing sensitivity and specificity of screening mammography in the United States and Denmark. *Int J Cancer.* 2015 Nov 1;137(9):2198-207. doi: 10.1002/ijc.29593. PMID: 25944711
47. Jacobsen KK, Abraham L, Buist DS, Hubbard RA, **O'Meara ES**, Sprague BL, Kerlikowske K, Vejborg I, Von Euler-Chelpin M, Njor SH. Comparison of cumulative false-positive risk of screening mammography in the United States and Denmark. *Cancer Epidemiol.* 2015 May 23. pii: S1877-7821(15)00103-4. doi: 10.1016/j.canep.2015.05.004. PMID: 26013768
48. Nelson HD, **O'Meara ES**, Kerlikowske K, Balch S, Miglioretti D. Factors Associated with Rates of False-positive and False-negative Results from Digital Mammography Screening: An Analysis of Registry Data. *Ann Intern Med.* 2016 Feb 16;164(4):226-35. doi: 10.7326/M15-0971. PMID: 26756902
49. Hubbard RA, **O'Meara ES**, Henderson LM, Hill D, Braithwaite D, Haas JS, Lee CI, Sprague BL, Alford-Teaster J, Tosteson ANA, Wernli KJ, Onega T. Multilevel factors associated with long-term adherence to screening mammography in older women in the U.S. *Prev Med.* 2016 Aug;89:169-77. doi: 10.1016/j.ypped.2016.05.034. PMID: 27261409

50. Cushman M, **O'Meara ES**, Heckbert SR, Zakai NA, Rosamond W, Folsom AR. Body size measures, hemostatic and inflammatory markers and risk of venous thrombosis: The Longitudinal Investigation of Thromboembolism Etiology. *Thromb Res*. 2016 Aug;144:127-32. doi: 10.1016/j.thromres.2016.06.012. PMID: 27328432
51. Yaghjian L, Arao R, Brokamp C, **O'Meara ES**, Sprague BL, Ghita G, Ryan P. Association between air pollution and mammographic breast density in the Breast Cancer Surveillance Consortium. *Breast Cancer Res*. 2017 Apr 6;19(1):36. doi: 10.1186/s13058-017-0828-3. PMID: 28381271 PMCID: PMC5382391
52. Sanders JL, Guo W, **O'Meara ES**, Kaplan RC, Pollak MN, Bartz TM, Newman AB, Fried LP, Cappola AR. Trajectories of IGF-I Predict Mortality in Older Adults: The Cardiovascular Health Study. *J Gerontol A Biol Sci Med Sci*. 2018 Jun 14;73(7):953-959. doi: 10.1093/gerona/glx143.
53. Miles R, Wan F, Onega TL, Lenderink-Carpenter A, **O'Meara ES**, Zhu W, Henderson LM, Haas JS, Hill DA, Tosteson ANA, Wernli KJ, Alford-Teaster J, Lee JM, Lehman CD, Lee CI. Underutilization of Supplemental Magnetic Resonance Imaging Screening Among Patients at High Breast Cancer Risk. *J Womens Health (Larchmt)*. 2018 Jun;27(6):748-754. doi: 10.1089/jwh.2017.6623.
54. Buist DSM, Abraham L, Lee CI, Lee JM, Lehman C, **O'Meara ES**, Stout NK, Henderson LM, Hill D, Wernli KJ, Haas JS, Tosteson ANA, Kerlikowske K, Onega T; Breast Cancer Surveillance Consortium. Breast Biopsy Intensity and Findings Following Breast Cancer Screening in Women With and Without a Personal History of Breast Cancer. *JAMA Intern Med*. 2018 Apr 1;178(4):458-468. doi: 10.1001/jamainternmed.2017.8549.
55. Lee CI, Zhu W, Onega TL, Germino J, **O'Meara ES**, Lehman CD, Henderson LM, Haas JS, Kerlikowske K, Sprague BL, Rauscher GH, Tosteson ANA, Alford-Teaster J, Wernli KJ, Miglioretti DL. The Effect of Digital Breast Tomosynthesis Adoption on Facility-Level Breast Cancer Screening Volume. *AJR Am J Roentgenol* 2018 Nov; 211(5):957-963. doi: 10.2214/AJR.17.19350.
56. Parchman ML, Anderson ML, Dorr DA, Fagnan LJ, **O'Meara ES**, Tuzzio L, Penfold RB, Cook AJ, Hummel J, Conway C, Cholan R, Baldwin L-M. Improving cardiovascular risk factors in primary care by building quality improvement capacity: results of a randomized trial. Accepted by *Annals of Family Medicine*.

Manuscripts in review

1. Kerlikowske K, Sprague BL, Tosteson ANA, Wernli KJ, Rauscher GH, Johnson D, Buist DSM, Onega T, Henderson LM, **O'Meara ES**, Miglioretti DL. Identifying Women at High-Risk of Advanced Breast Cancer for Discussion of Supplemental Imaging. Under review (*Annals of Internal Medicine*).
2. Demb J, Abraham L, Miglioretti DL, Sprague BL, **O'Meara ES**, Advani S, Henderson LM, Onega T, Buist DSM, Schousboe JT, Walter LC, Kerlikowske K, Braithwaite D, for the Breast Cancer Surveillance Consortium. Screening outcomes among older women undergoing mammography: the effect of comorbidity and age on cumulative risk of breast cancer and non-breast cancer death. Under review (*JAMA Internal Medicine*).

FUNDING HISTORY

Current projects

National Cancer Institute P01 CA154292
Risk-Based Breast Cancer Screening and Surveillance in
Community Practice – SCC
7/1/2017 – 5/31/2022
\$2,067,644 (KPWHRI (SCC) direct)
Role: KPWHRI Site PI (SCC) (Co-PIs: Diana Miglioretti (contact),
Karla Kerlikowske, Anna Tosteson)

Patient-Centered Outcomes Research Institute
PCS-1504-30370
9/1/2016-1/31/2021
\$1,260,996 (KPWHRI (SCC) direct)
Comparative Effectiveness of Breast Cancer Screening and
Diagnostic Evaluation by Extent of Breast Density
Role: KPWHRI Site PI (SCC) (Co-PIs: Diana Miglioretti (contact),
Karla Kerlikowske, Tracy Onega, Anna Tosteson)

National Cancer Institute U01 CA199218
Comparative Modeling: Informing Breast Cancer Control
Practice and Policy
9/1/2015-8/31/2020
\$99,909 (KPWHRI direct)
Role: KPWHRI Site PI (PI: Jeanne Mandelblatt)

National Cancer Institute R01 CA207361
Comorbidity and Screening Outcomes among Older Women
Undergoing Mammography
3/1/2017-12/31/2020
\$414,282 (KPWHRI direct)
Role: Co-I (PI: Dejana Braithwaite)

National Cancer Institute R01 CA192402
Estimating Overdiagnosis in Cancer Screening Studies
5/1/2015-4/30/2019
\$125,193 (KPWHRI direct)
Role: KPWHRI Site PI (PI: Ruth Etzioni)

Agency for Healthcare Research and Quality R18 HS023908
The Northwest Coalition for Primary Care Practice Support
5/1/2015-4/30/2019
\$11,494,978 (total direct)
Role: Co-I (PI: Michael Parchman)

National Cancer Institute R21 CA205309
National Trends in End of Life Care for Adolescent and Young
Adult Cancer Patients
5/9/2016-4/30/2019
\$254,298 (total direct)
Role: Co-I (PI: Karen Wernli)

Completed projects

Healthwise Incorporated
Healthwise Shared Decision Making Skills For Providers: CME
Evaluation
3/20/2017-6/30/2018
\$61,409 (total direct)
Role: PI

Group Health Research Institute Development Fund 216-192 Optum Clare Opioids Role: Co-I (PI: Karen Wernli)	1/1/2017-12/31/2017 \$30,375 (total direct)
Group Health Foundation 2016.142 Shared Decision Making FFQ in Orthopedics Role: PI	9/1/2016-12/31/2017 \$34,586 (total direct)
National Institute of Environmental Health Sciences HHSN273201700075P Association Between Air Toxics and Breast Density and Breast Cancer Role: KPWHRI Site PI (PI: Alexandra White)	2/28/2017-9/30/2017 \$11,435 (KPWHRI direct)
National Cancer Institute P01 CA154292 Risk-Based Breast Cancer Screening in Community Settings: Biostatistics and Data Management Core Role: Co-I (Co-PIs: Diana Miglioretti (contact) and Karla Kerlikowske)	9/27/2011-8/31/2017 \$8,037,238 (KPWHRI direct)
National Cancer Institute P01 CA154292 Risk-Based Breast Cancer Screening in Community Settings: Administrative Core Role: Co-I (Co-PIs: Diana Miglioretti (contact) and Karla Kerlikowske)	9/27/2011-8/31/2016 \$973,623 (KPWHRI direct)
Group Health Research Institute Development Fund Cancer Researchers Bridge Funding Role: Co-I (PI: Erin Bowles)	1/1/2016-12/31/2016 \$122,997 (total direct)
National Cancer Institute HHSN261201100031C Breast Cancer Surveillance Consortium Data Resource Role: PI (from 10/2014; previous PIs Rebecca Hubbard, 1/2013-10/2014, and Diana Miglioretti, 9/2011-12/2012)	9/1/2011-7/31/2016 \$4,750,000 (total direct)
National Cancer Institute R03 CA159080 Mammographic Breast Density and Ovarian Cancer Role: Co-I (PI: Karen Wernli)	4/1/2011-3/31/2014 \$100,000 (total direct)
National Cancer Institute 3U01CA086076-10S1 Statistical Coordinating Center for the Breast Cancer Surveillance Consortium - APRC Supplement Role: Co-I (PI: Diana Miglioretti)	9/30/2009-9/29/2011 \$403,485 (KPWHRI direct)
National Cancer Institute 1RC2CA148577 Comparative Effectiveness of Breast Cancer Imaging Strategies	9/30/2009-8/31/2011 \$2,700,000 (total direct)

in Community Practice

Role: Co-I (Co-PIs: Diana Miglioretti (contact), Diana Buist, Berta Geller, Karla Kerlikowske, Jeanne Mandelblatt, and Bonnie Yankaskas)

National Cancer Institute U01CA86076 8/1/2005-7/31/2011
Statistical Coordinating Center for the Breast Cancer
Surveillance Consortium \$2,935,409 (total direct)
Role: Co-I (PI: Diana Miglioretti)

National Heart, Lung, and Blood Institute HSN268200800007C 6/1/2008-5/31/2011
Cardiovascular Health Study Coordinating Center – Transition
Phase (Renewal) \$1,800,000 (total direct)
Role: Co-I (Co-PIs: Richard Kronmal and Alice Arnold)

National Institute of Aging R01 AG27058 2/15/2006-1/31/2010
Hormonal Trajectories in Aging
Role: University of Washington Site PI (PI: Anne Cappola)

Unilever Research U.S. 1557-S-MA184 6/1/2009-11/31/2010
Theanine Rich Beverages, Caffeinated Beverages and Cognitive
Function in Older Adults
Role: University of Washington Site PI (PI: Lenore Arab)

Celera Diagnostics LLC 4700010675 1/1/2009-12/31/2009
Cardiovascular Health Study – Genetics of Cardiovascular
Disease (Renewal)
Role: University of Washington Site PI (PI: Lance Bare)

National Cancer Institute 5T32CA09168 1996-1999
Cancer Epidemiology and Biostatistics Training Program
Role: Trainee (PI: Noel Weiss)

National Cancer Institute PHS N01CN67009 1996-1998
Hormone Therapy after Breast Cancer (Surveillance,
Epidemiology and End Results Special Project)
Role: Student (PI: Mary Anne Rossing)

Pending applications

National Cancer Institute (submitted R01) 4/1/2019-3/31/2021
A Conversation Aid on Mammography Screening for Women
75+ and their Clinicians \$55,649 (KPWHRI direct)
Role: KPWHRI Site PI (PI: Mara Schonberg)

National Institutes of Health (multiple; submitted R01) To Understand End of Life Care in Adolescent and Young Adult Cancer Patients in US and Canada (RESONANCE)” Role: Co-I (PIs: Karen Wernli and Jason Pole)	7/1/2019-6/30/2024 \$2,780,000 (total direct)
National Cancer Institute (submitted R01) Modeling to Minimize Detection Bias in Cancer Risk Prediction Studies Role: KPWHRI Site PI (PI: Ruth Etzioni)	7/1/2019-6/30/2024 \$160,306 (KPWHRI direct)
National Cancer Institute (submitted R21) Air Pollution, Greenness, and Breast Cancer Risk in Breast Cancer Surveillance Consortium Role: KPWHRI Site PI (PI: Lusine Yaghjian)	7/1/2019-6/30/2022 \$168,718 (KPWHRI direct)

OTHER PROFESSIONAL ACTIVITIES AND SERVICE

Committees

Comorbidity and Frailty Indices, Kaiser Permanente Washington Health Research Institute, 2017
 Scientific Excellence and Interdisciplinary Engagement strategic, Knowledge Management, Group
 Health Research Institute, 2013-2015
 Industry-sponsored Research, Group Health Research Institute, 2011
 Data Documentation Project, Group Health Research Institute, 2010-2011
 Cancer Epidemiology Colloquy series organizer, Fred Hutchinson Cancer Research Center, 1997-1998

Manuscript reviews

Ad hoc Referee: The Breast (2019), Journal of Women’s Health Issues (2018), The Breast (2017), Breast
 Cancer Management (2014), Maturitas (2011), Human Genetics (2010), Cancer Epidemiology (2010),
 Respiratory Medicine (2008), Journal of the National Cancer Institute (2005)

Abstract reviews

Society for Epidemiologic Research, 2012-2018
 3rd North American Congress of Epidemiology, Society for Epidemiologic Research, 2011

Membership in professional organizations

Member, Society for Epidemiologic Research, 1996-1999, 2010-present
 Member, American Society of Preventive Oncology, 2010-present

Other

Breast Cancer Surveillance Consortium representative to the NCI Cohort Consortium, 2014-present

CONFERENCES AND SYMPOSIUMS

Contributed presentations

1. **O'Meara ES**, Marcus PM, Ichikawa L, Buist DSM, Geller BM, Henderson L, Hill DA, Kerlikowske K, Onega T, Sprague BL, Rozjabek H, Miglioretti DL. The Breast Cancer Surveillance Consortium (BCSC) Research Resource: A Source for Data, and Opportunities for Collaboration. Poster presented at the International Cancer Screening Network Biennial Meeting, Sydney, Australia, October 2012.
2. Fitzpatrick AL, **O'Meara ES**, Diehr P, Kuller LH. Obesity, weight, and aging: what do we think we know? Panel presentation at the 2nd North American Congress of Epidemiology, Seattle, Washington, June 2006.
3. **O'Meara ES**, Kukull WA, Sheppard L, Bowen JD, McCormick WC, Teri L, Pfanschmidt M, Thompson JD, Schellenberg GD, Larson EB. Head injury and risk of Alzheimer's disease by apolipoprotein E genotype. Poster presented at the American Academy of Neurology Annual Meeting, Seattle, Washington, May 1995.
4. **O'Meara ES**, Kukull WA, Schellenberg GD, Bowen JD, McCormick WC, Teri L, Pfanschmidt M, Thompson JD, Larson EB. Alzheimer's disease and history of blood transfusion by apolipoprotein E genotype. Poster presented at the Gerontological Society of America 47th Annual Meeting, Atlanta, Georgia, November 1994.
5. **O'Meara ES**, Kukull WA, Schellenberg GD, Bowen JD, McCormick WC, Teri L, Pfanschmidt M, Thompson JD, Larson EB. Alzheimer's disease and history of blood transfusion. Poster presented at the the Fourth International Conference on Alzheimer's Disease and Related Disorders, Minneapolis, Minnesota, July-August 1994.

Invited presentation

1. Panelist, How to leverage screening studies for primary prevention. American Society of Preventive Oncology, 37th Annual Meeting, Memphis, Tennessee, March 2013.

Other seminar presentation

1. Presenter, Hormone replacement therapy after breast cancer in relation to recurrence and mortality. Group Health Cooperative Nurses's Seminar, Seattle, Washington, 2001.

TEACHING, ADVISING

Formal courses

Teaching Assistant, Human Biology (Epidemiology), University of Washington School of Medicine, 1997-1998

Teaching Assistant, Introduction to Epidemiology, Department of Epidemiology, University of Washington, 1996

Guest lecturer

Survival Analysis (lecture), Psychosocial Epidemiology course, University of Washington, 2000

Supervisor

Summer intern, Marzieh Golmakani, MS (PhD candidate in Biostatistics at the University of California, Davis), Kaiser Permanente Washington Health Research Institute, summer 2017