

ELMORE, JOANN G. MD, MPH, FACP
CURRICULUM VITAE

CONTACT INFORMATION

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EDUCATION

1978-1982 BS, San Diego State University, Biology (Magna cum Laude)
1982-1987 MD, Stanford University School of Medicine (Honors in Research and Teaching)
1990-1992 MPH, Yale University, School of Epidemiology and Public Health

Further Training

1987-1990 Internship and Residency, Internal Medicine, Yale-New Haven Hospital, New Haven, CT
1990-1992 Robert Wood Johnson Foundation Clinical Scholar, Yale University School of Medicine, New Haven, CT
1992-1993 Fellowship, Infectious Diseases, Yale University, New Haven, CT

LICENSURE

1996-present Washington State #025209
2017 Medical Board of California #G155516

BOARD CERTIFICATION

1990-present American Board of Internal Medicine (certified until Dec 31, 2020)

PROFESSIONAL EXPERIENCE

Present Positions

2019-present Professor, UCLA Fielding School of Public Health, Department of Health Policy Management
2018-present Professor, UCLA Division of Dermatology (Joint Appointment)
2017-present Professor, David Geffen School of Medicine at UCLA, Department of Medicine, Division of General Internal Medicine & Health Services Research,

Director of the UCLA National Clinician Scholars Program, Los Angeles, CA
 Member, Jonsson Comprehensive Cancer Center at UCLA (Healthy and At-Risk Populations program)

2017-present Affiliate Professor, Department of Medicine, Univ. of WA School of Medicine

2013-present Affiliate Investigator, Fred Hutchinson Cancer Research Center, Seattle WA

2009-present Affiliate Investigator, Kaiser Permanente Washington Health Research Institute (KPWHRI), previously called Group Health Research Institute

Previous Positions

1990-1993 Clinical Instructor, Department of Internal Medicine
 Yale University-New Haven Hospital and West Haven VA Hospital, New Haven, CT

1990-1995 Attending Physician, Yale-New Haven Hospital, New Haven, CT

1993-1995 Assistant Professor, Department of Internal Medicine
 Director, Ambulatory Residency Clerkships Rotations
 Yale University School of Medicine, New Haven, CT

1996-1998 Assistant Professor, Department of Medicine, Division of General Internal Medicine;
 Adjunct Assistant Professor, Department of Epidemiology;
 University of Washington School of Medicine, Seattle, WA

1996-2000 Attending Physician, University of Washington Medical Center, Seattle, WA

1998-2005 Associate Professor, Department of Medicine, Division of General Internal Medicine;
 Adjunct Associate Professor, Department of Epidemiology,
 University of Washington School of Medicine, Seattle, WA

1998-2006 Associate Director, Robert Wood Johnson Foundation Clinical Scholars Program
 University of Washington School of Medicine, Seattle, WA

2000-2010 Section Head, General Internal Medicine, Harborview Medical Center
 University of Washington School of Medicine, Seattle, WA

2005-2017 Professor, Department of Medicine, Division of General Internal Medicine;
 Adjunct Professor, Department of Epidemiology;
 University of Washington School of Medicine, Seattle, WA

2000-2017 Attending Physician, Harborview Medical Center, Seattle, WA

PROFESSIONAL ACTIVITIES

1984-2010 American Medical Association
 1990-2001 American Federation for Clinical Research

1990-present American College of Physicians (Fellow, 2008-present)
1990-present Society of General Internal Medicine, Associate
1992-2013 The Sydenham Society

TEACHING RESPONSIBILITIES

Teaching – Courses/Programs

1983-1985 Physician Self-Health Course Coordinator, Stanford Medical School
1993-1995 Internal Medicine Ambulatory Clerkship Coordinator, Yale – New Haven Hospital
1995 Assistant Director, Robert Wood Johnson Foundation Clinical Scholars Program, Yale University
1996-2001 Introduction to Clinical Medicine Tutor (ICM-I and ICM-II), University of Washington
1996-2006 Associate Program Director, Robert Wood Johnson Foundation Clinical Scholars Program, University of Washington
1997-2007 Course Director, Research Methods Review, Epidemiology/Health Services 590 University of Washington (3 credits, summer quarter)
2001-2008 K-30, Selection Committee and Mentor, University of Washington
2004-2008 K-12, Core Faculty, University of Washington
2008 CTSA Boot Camp Overview of Clinical Research Methods/Epidemiology
2010-2017 K-12, Advisory Committee and Mentor, University of Washington
2010-2017 Surgical Outcomes Research Center, Undergraduate Research Education Program (SORCE), R25 Training Program Advisory Committee Member
2017-present Curriculum Development and Supervision, UCLA National Clinician Scholars Program

Teaching – Research Mentorship (*See Peer-Reviewed Publication List)

Yale Medical Students:

Debra Howard, MD (7, 10, 16, 18)
Lisa Gale Suter, MD (22, 34)
Krystin Wagner, MD (15)

Research Fellows:

Mary Barton, MD – Harvard Ambulatory Care Fellow (17, 24, 26, 29, 31, 33, 35, 36, 38, 40, 44, 46, 51, 56, 58, 61, 68, 73 and an editorial)
Marcia Burman, MD – University of Washington VA General Medicine Fellow (25)
Larissa Nekhlyudov, MD – Harvard-Pilgrim Health Care Mentee (33, 44, 45, 47, 60, 61, 66, 73, 78, 86)
Andy Pumerantz, MD – Yale Infectious Disease Fellow (19)

University of Washington Robert Wood Johnson Clinical Scholars Program

Dimitri Christakis, MD (28, 30)
Ingrid Binswanger, MD, MPH (65, 95, and Non-Refereed Publications)
Joshua Fenton, MD, MPH (46, 62, 68, 69, 71, 77, 81, 85, 102, 109, and Editorials)
Som Saha, MD, MPH (28, 30)
Sanjay Saint, MD, MPH (21, 28, 30)

University of Washington Junior Faculty Members:

Kimberly Allison, MD – University of Washington Pathology (125, 126, 132, 134, 138, 140, 141, 149, 151, 160, 162, 163, 164, 174, 176, 188, 189)

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Amy Baernstein, MD – University of Washington Emergency Department (74, 82)
John Choe, MD, MPH – University of Washington GIM (see Editorials)
Suzanne Dintzis, MD – University of Washington Pathology
Grant Fletcher, MD, MPH – University of Washington GIM
Thomas Gallagher, MD – University of Washington GIM (83, 90, 91, 183)
Sara Jackson, MD, MPH – University of Washington GIM (88, 93, 106, 114, 120, 135, 145, 147, 150, 160, 162, 171, 185, 188, Non-Refereed Publications)
Hannah Linden, MD – University of Washington (48, 72, 129)
Caroline Rhoads, MD – University of Washington GIM (Book Chapters, Non-Refereed Publications, and Letters, Commentaries)
Christina Ryan, MD - University of Washington GIM (123)
Ellen Schur, MD – University of Washington GIM (113 and Non-Refereed Publications)
Lisa Strate, MD, MPH – University of Washington Gastroenterology (Primary mentor for her K award)
Shin-Ping Tu, MD, MPH – University of Washington GIM (54, 63)
Jill Watanabe, MD – University of Washington GIM (Non-Refereed Publications)
Mark Zaros, MD - University of Washington GIM (124)
Stevan Knezevich, MD – University of Washington Pathology (131, 143, 155, 161, 167, 172, 181, 182, 186, Abstracts, Submitted Manuscripts)
Mara Rendi, MD, PhD – University of Washington Pathology (132, 169, 176, Abstract)
Christoph Lee, MD, MSHS – University of Washington Radiology (119, 133, 144, 152, 156, 170, 173, 178, 184, Book Chapter, Editorials, Non-Refereed Publications; see RWJ clinical scholars)
Kristina Crothers, MD – University of Washington Pulmonary and Critical Care (177, 200,

University of Washington Internal Medicine Residents/Medical Students:

Laurel Desnick, MD (39 and Non-Refereed Publications)
John Dick III, MD (2-month research rotation, 2005) (83)
Una Ercegovic, MD (64)
Sheng Feng (6-week summer research position, 2012) (132, Abstract)
Bennett Penn, PhD (64)
Vignesh Raghunath (6-week research position, 2011) (125)
Joseph Root (6-week research position, 2013) (147)
Justin Schram, MD (advisee for Adult Medicine Clinic Journal Club, 2010)
Kelly Smith, MD (1-month research rotation, 2005) (64, 82)
Joanne Steckler, MD (Non-Refereed Publications)
Alice Zhao, MD (mentee for T32, Abstracts, Submitted Manuscripts) (160, 166, 178, 180)
Laura Samples (6-week MSRTP research position 2014) (193)
Gina Kwon, MD (161, Submitted Manuscripts)
McHale O. Anderson (6-week MSRTP research position, 2015) (Abstract) (185)
Dilip Nagarkar (10-week MSRTP research position, 2015) (169, Abstract)
Tara M. Davidson (10-week MSRTP research position, 2016) (Abstract) (225)
Jacob Stein, MD (2-month research rotation, 2016) (Abstract) (220)
Mustafa Jafry (10-week MSRTP research position, 2017)

Group Health Research Institute

Jessica Chubak, PhD, MBHL (100)
Karen Wernli, PhD (mentor for her K award) (104, 113)

Robert Wood Johnson Generalist Physician Faculty Scholar: National Advisory Committee Mentor

Katrina Armstrong, MD, MSc – University of Pennsylvania (50)
Peter Friedmann, MD, MPH – Brown University

Jane Liebschutz, MD, MPH – Boston University
Joshua Metlay, MD, PhD – University of Pennsylvania
Quyên Ngo-Metzger, MD, MPH – University of California, Irvine
Kenneth Schellhase, MD, MPH – Medical College of Wisconsin

Robert Wood Johnson Clinical Scholars: National Advisory Committee Mentor

Donna Zulman, MD – University of Michigan (2008-2010)
Christopher Lee, MD – University of California, Los Angeles (2010-2012)
(119, 133, 144, 152, 156, 170, 173, 178, 184, etc)
Jason Lott, MD, MSHP – Yale University (2012-2014) (148, 158, 167, 179, 181, 186)
Brita Roy, MD, MPH, MS – Yale University (2013-2015)

Biostatistics PhD Students

Dawn Woodard – Duke University (70)
Prashni Paliwal, PhD – University of Connecticut (41, 59)
Gavino Puggioni, PhD – Duke University (80)
Fei Wang, PhD – University of Connecticut (29)

Other

Pam Ganschaw – Mentor for her American Cancer Society research program grant
Patricia Francis Gerstel – (Practicum experience, Visiting Fellow from Israel)
Solveig Hofvind, PhD – Norway and Oslo University College, Health Science (119, 133)
Hee Yon Sohng – (2 month medical student research rotation, Washington
University, St. Louis, MO) (84)
Washington University, St. Louis, MO – Consultant for a T32 Program with site visit in 2007
Samir Soneji, PhD – The Dartmouth Institute for Health Policy and Clinical Practice
Alejandra Casillas, MD MSHS - K grant mentor
Steffi Falla - University of Utah, NIH-NCI Grant Minority Diversity Supplement

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Teaching – MPH Committees, University of Washington

Christina Nickolais	(graduated 1999)
Maryann O'Hara	(graduated 2000)
Beth Ebel	(graduated 2001)
Maria Silveira	(graduated 2001)
Dave Flum	(graduated 2002)
Arden Morris	(graduated 2002)
Connie Nakano	(graduated 2003) Committee Chair (34, 39, 48, 49, 54, 72, 129)
Ingrid Binswanger	(graduated 2006) (65, 95, and Non-Refereed Publications)
Andrea Radick	(graduated 2017, Epidemiology, committee chair) (157, 207, 208, 216, Submitted Manuscripts, etc.)

Teaching – PhD Thesis Committee, University of Washington

Ellen O'Meara, PhD	(graduated 1999, Epidemiology) (32)
Jessie (Wen) Gu	(graduated 2009, Biostatistics)
Mabel Raza, PhD	(graduated 2013, Biomedical & Health Informatics)
Ezgi Mercan, PhD	(graduated 2017, Biomedical & Health Informatics) (142, 164, 166, 169, 189)
Natalia Oster, PhD	(graduated 2019, Health Services, School of Public Health) (98, 108, 110, 117, 126, 144, 135, 138, 145, 147, 154, 163, 177, 185, Submitted Manuscripts, Abstracts)

Teaching – Post-Doctoral Advisor, University of Washington

Joyce Yi-Frazier, PhD (graduated 2006) (67, 83, 108)

EDITORIAL RESPONSIBILITIES

Editorial Boards

2002-present Journal of the National Cancer Institute Editorial Board
2004-2019 Journal of Clinical Epidemiology Editorial Board
2009-2017 Journal of Oncology Editorial Board
2012-2014 Dataset Papers in Medicine, Radiology Section, Editorial Board
2015-present Editor-in-Chief, Adult Primary Care, UpToDate

Editorial Responsibilities – Other

1998-2001 National Cancer Institute (NCI) Physician Data Query (PDQ) Cancer Genetics Editorial Board
2003-2006 Editorial Consultant, Physicians' Information and Education Resource, Mammography Module, American College of Physicians (ACP)
2005-present Section Head, Methods for Diagnostic & Therapeutic Studies, Faculty of 1000 Medicine Project, BioMed Central Ltd, London.
2007-2009 Medical Advisor to *Reader's Digest*
2007-2017 Medical Editor, Non-profit, Foundation for Informed Medical Decision Making (FIMDM), now Healthwise
2008-present National Cancer Institute (NCI) Physician Data Query (PDQ) Screening and Prevention Editorial Board
2013-2014 Health Care Vlogs Editorial Board

Ad Hoc Reviewer

American Journal of Medicine, American Journal of Preventive Medicine, American Journal of Public Health, Annals of Family Medicine, Annals of Internal Medicine, Archives of Internal Medicine, Biomarkers and Prevention, Breast Cancer Management, Breast Cancer Research, Breast Cancer Research and Treatment, The Breast Journal, British Journal of Cancer, British Medical Journal, Cancer, Cancer Epidemiology, Cancer Epidemiology Biomarkers and Prevention, Health Services Research, Journal of the American Medical Association, Journal of Clinical Epidemiology, Journal of Clinical Oncology, Journal of General Internal Medicine, Journal of the National Cancer Institute, Journal of Women's Health, Medical Care, Medical Decision Making, New England Journal of Medicine, UpToDate, Journal of Hospital Medicine, etc.

SPECIAL NATIONAL RESPONSIBILITIES

1980-1981 National Secretary/Treasurer, Consumer Section, American College Health Association
1980-1983 Executive Committee Delegate, Pacific Coast College Health Association
1983-1985 National Coordinator, Task Force on Nutrition & Preventive Medicine 1,500 members, American Medical Student Association
1984 Flexner Award National Search Committee, Association American Medical Colleges
1985-1986 National Elected Representative for the Western Regional Medical Students, Association of American Medical Colleges
1986 Coordinator, National Conference on Preventive Medicine, American Medical Student Association, estimated attendance 500

- 1995 National Cancer Institute
- National Advisory Panel on Multiple Reading of Mammograms, 1995
 - Cancer Genetics Advisory Board, 2000-2001
- 1996-present Society of General Internal Medicine
- National Meeting Planning Groups; Health Services (1996), Clinical Medicine (1997), Chair-Clinical Medicine (1998), Chair, Research Abstract (2000), Co-Chair, Clinical Organization Abstracts (2001), Scientific Abstract Selection Committee (2008, 2009), Co-Chair, Scientific Abstract Selection Committee (2010)
 - Mentor Program (multiple years)
 - Glaser Award Committee Member (2001)
 - Physician-Scientist Award Selection Committee (2004)
 - Research Committee Subcommittee on NIH Annual Meeting Initiative (2005)
 - John M. Eisenberg National Award for Career Achievement in Research Selection Committee (2013; Committee Chair, 2019)
- 1997-2007 Robert Wood Johnson Generalist Faculty Scholars Program
- National Meeting Co-Chair, 1997
 - National Review Committee, 1998-1999
 - National Advisory Committee, 2001-2007
- 1997-2009 American Cancer Society
- Ad hoc Grant Reviewer, 1997
 - Research Scholar Grant Review Committee, 2002-2008
 - Peer Review Committee for Cancer Control and Prevention: Health Policy and Health Services Research, 2005-2009.
- 1998-1999 Institute of Medicine – Committee to Review the Data on Silicone Breast Implants
- 1999-2001 American Board of Internal Medicine National Committee on Critical Appraisal of the Literature and Clinical Reasoning
- 2000-2002 Institute of Medicine – External Reviewer for Developing Technologies for Early Detection of Breast Cancer
- 2000-2010 National Institutes of Health (NIH), Office of Medical Applications of Research (OMAR) National Discussion Group Committee Member
- 2001 Coordinating Committee for Washington Chapter ACP Meeting
- 2003-2008 ACP Books Advisory Work Group Member
- 2004-2005 Robert Wood Johnson Foundation External Grant Reviewer
- 2004-2009 American Society for Clinical Investigation (ASCI) Elected Member
- 2005-2006 Breast Cancer Surveillance Project Advisory Committee
- 2005-2006 National Breast and Cervical Cancer Early Detection Program (NBCCEDP) Breast Cancer Policy Review Expert Panel. Sponsored by the Center for Disease Control (CDC)
- 2005-2016 Robert Wood Johnson Foundation Clinical Scholars
- Chair, Annual Meeting of the Clinical Scholars Program, 2005
 - Clinical Scholars National Advisory Committee, 2009-Dec. 2016
 - National Meeting Planning Committee, 2010-2016

- 2007-2009 National Institutes of Health (NIH), State-of-the-Science Conference, “Diagnosis and Management of Ductal Carcinoma In Situ” - Planning Committee Member
- 2009 Netherlands Organization for Health Research and Development – Ad hoc Grant Reviewer
- 2009 Center for Disease Control (CDC) Technical Expert Panel for Breast Cancer Screening
- 2010 Comparative Effectiveness of Core-Needle and Open Surgical Biopsy for the Diagnosis of Breast Lesions - Technical Expert Panel Member. Emergency Care Research Institute (ECRI) Evidence Based Practice Center
- 2010 National Institutes of Health (NIH), Medical Imaging (MEDI) Study Section – Grant Reviewer
- 2011 Dutch Cancer Society - Ad hoc Grant Reviewer
- 2013-2014 American Cancer Society - Reviewer for breast cancer screening guidelines
- 2014 U.S. Preventive Services Task Force – Reviewer for Breast Cancer Screening: Systematic Review to Update the 2009 USPSTF recommendation
- 2014 U.S. Preventive Services Task Force – Reviewer for Breast Density Systematic Review for USPSTF Recommendation
- 2015 National Institutes of Health (NIH), Health Services Organization and Delivery (HSOD) Study Section, Healthcare Delivery and Methodologies Integrated Review Group – Grant Reviewer, Chicago, IL
- 2016 National Institutes of Health (NIH), Director’s Early Independence Award (DP5) Subject Matter Expert Reviewer.
- 2016 National Cancer Institute, T-Mist RCT- Consultant for the Central IRB
- 2016-present Comparison of Operative to Medical Endocrine Therapy (COMET) for Low-Risk DCIS, funded by Patient-Centered Outcomes Research Institute (PCORI) – Stakeholder Advisory Board (SAB)
- 2019 NIH Study Section Member, AdHoc, 2019/05 ZRG1 BBBP-Y (55): PARs: Perception and Cognition Research to Inform Cancer Image Interpretation.
- 2019 Patient-Centered Outcomes Research Institute (PCORI), Comparison of Operative to Monitoring and Endocrine Therapy (COMET) trial for low-risk ductal carcinoma in situ (DCIS), scientific advisory board member.

SPECIAL LOCAL RESPONSIBILITIES

San Diego State University (1978-1982)

- 1978-1980 Initiator and Director of a Self Help Clinic serving over 5,000 students/year
- 1978-1980 Chair-Student Health Advisory Board

Stanford University Medical School (1982-1987)

- 1983-1985 Medical School Admissions Panel & Housing Coordinator
- 1983-1987 Class Liaison, Ombudsman's Office

- 1984-1985 Co-Chair, Committee for the Well-Being of Medical Students
- 1985-1986 Coordinator, Clinical Orientation Day

Yale University School of Medicine (1990-1995)

- 1990-1995 Pre-Professional Advisory Board

1991-1995 Volunteer Physician, Yale Homeless Health Project
 1993-1995 Chair, Internal Medicine Resident Ambulatory Training Steering Committee
 1994-1995 Medical Student Research Thesis Committee and Awards Committee
 1994-1995 Coordinator, Faculty Advisor Program for Clinical Epidemiology Student Thesis Project
 1995 Assistant Director, Robert Wood Johnson Clinical Scholars Program

Virginia Mason Hospital and Medical Center

2014-2015 OpenNotes Implementation Advisory Committee

University of Washington (1996-2017)

1996-2006 Associate Director, Robert Wood Johnson Foundation Clinical Scholars Program
 1996-2002 University of Washington Physicians Preventive Screening Task Force (Committee Member 1996-1999, Chair 2001-2002)
 1996-2006 Medical Student Research Training Program Task Force
 1997-1998 Co-Chair, General Internal Medicine Research/Fellowship Training Task Force
 1997-1999 Patient and Family Education Committee
 1997-2002 Faculty Senate
 1998-1999 Director, Internal Medicine Residency Research
 1998-1999 Coordinator, General Internal Medicine Research Seminars at University of Washington
 1998-2002 Center of Excellence in Women's Health Research Committee
 1999-2003 Standing Committee-School of Medicine on Issues of Faculty Women
 1999-2000 Co-Coordinator, Faculty Development Seminar for School of Medicine
 1999-2017 Standing Committee – School of Medicine, Cancer Institutional Grant
 1999-2003 Standing Committee – School of Medicine, Medical Student Thesis
 2000-2017 Faculty Search Committee Membership, University of Washington
 Physician-Scientist, UW General Internal Medicine (2000, 2014)
 Physician-Scientist, HMC General Internal Medicine (2004, 2008, chair 2015)
 Director of Consultative Service, HMC General Internal Medicine (Chair, 2001)
 OB/GYN Department Chair (2000-2001)
 Chief of Medicine, HMC (2000-2001)
 Section Head, UWMC General Internal Medicine (2001-2002)
 Clinician-Teacher, HMC General Internal Medicine (2003)
 Consultative Service, HMC (2003-2010)
 Hospitalist Service, HMC (2003-2011)
 Director of Consultative Service, HMC General Internal Medicine (Chair, 2006-2007)
 Section Chief, HMC Nephrology (2010-2011)
 Murray Endowed Chair of Applied Mathematics in Neuropathology (2010-2011)
 Director of Health Services Research and Development Center of Excellence, VA Puget Sound (2011-2012)
 2001-2002 Member, Breast Program Clinical Task Force Screening Subcommittee
 2001-2003 Member, Breast Program Clinical Task Force Harborview Breast Program Subcommittee

- 2002 Member, Center of Emphasis for Clinical Care of Vulnerable Patients Planning Committee
- 2004-2010 Member, Friends of the UW School of Medicine Advisory Board
- 2006-2009 Department of Medicine Appointments and Promotions Committee
- 2008-2010 Co-Chair of University of Washington Mini-Medical School TV Series
- 2010-2012 HMC Research Committee
- 2011-2017 Member, Surgical Outcomes Research Center (SORCE) T32 Post-Doctoral Research Training Program Advisory Committee
- 2013 Member, National Review Committee for the UW Seattle Children's Research Institute
- 2015-2017 Member, Department of Medicine Professors Promotion Review Committee

University of California, Los Angeles (2017- Present)

- 2017-Present Director, National Clinician Scholars Program at UCLA
- 2018-Present Member, David Geffen School of Medicine at UCLA, Education Executive Strategy Group
- 2018-2019 Member, Research Deidentified Datamart (RDD) Steering Committee, UCLA Health
- 2019-Present Member, Clinical Research IT Prioritization Committee, UCLA Health

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HONORS AND SPECIAL AWARDS

- 1979-1982 Deans List, San Diego State University
- 1981 Outstanding Student Service Award, San Diego State University
- 1981 American Heart Association Research Fellow
- 1982 Lewis Barbato National Award
Granted yearly to one student by the American College Health Association
- 1982 Phi Beta Kappa
- 1983-1984 Stanford Alumni Medical Student Research Scholar
- 1986-1987 Stanford McCormick Foundation Women's Research Scholar
- 1986-1987 American Association of University Women Scholar
- 1987 Graduation with Distinction in Research, Stanford School of Medicine
- 1990-1992 Robert Wood Johnson Foundation Clinical Scholar
- 1994-1999 Robert Wood Johnson Foundation Generalist Physician Faculty Scholar (awarded to only 2 researchers per medical school nationally per 4-year period)
- 1997 Outstanding Young Woman of America, Outstanding Young Americans
- 2001-2007 National Advisory Committee, Robert Wood Johnson Foundation Generalist Physician Faculty Scholar Program
- 2004 Elected to the American Society of Clinical Investigation
- 2005 Who's Who in Medical Sciences Education (WWMSE)
- 2006-2007 Who's Who of American Women, 25th Silver Anniversary Edition
- 2008-2016 National Advisory Committee, Robert Wood Johnson Foundation Clinical Scholars

- Program
- 2010 National Institute of Health Merit Awardee in recognition of dedicated service to NCI in developing and maintaining evidence-based PDQ cancer information summaries for health professionals and the public.
- 2011-2017 Washington State Health Care Authority, Health Technology Clinical Committee (Member 2011 to 2015; Vice Chair 2016)
- 2014 Elected to Membership, The Association of American Physicians
- 2014 John Q. Sherman Award for Excellence in Patient Engagement (for OpenNotes)
- 2017 5th Annual Health Data Liberator Award from AcademyHealth. The award recognizes the OpenNotes initiative that encourages health care providers to share their visit notes with patients (Dr. Elmore is an Executive Committee Member, OpenNotes)
- 2017 John M. Eisenberg National Award for Career Achievement in Research (Awarded to one individual each year by the Society of General Internal Medicine)

RESEARCH GRANTS AND FELLOWSHIPS RECEIVED

CURRENT RESEARCH FUNDING

- 2019-2022 **Principal Investigator**
Total amount: \$375,000
Melanoma Research Alliance
Applying AI to Assess Histologic Features to Improve Melanoma Diagnosis
- 2019-2021 **Principal Investigator**
Total 1st year: \$68,396 (Minority Diversity Supplement)
NIH-NCI National Cancer Institute
Reader Accuracy in Pathology Interpretation and Diagnosis: Perception and Cognition (RAPID-PC)
- 2019-2020 **Principal Investigator** (Multi-PI award; Admin PI – Kenneth B. Wells)
76677
Total amount: \$45,427
Robert Wood Johnson Foundation
Supporting Community Leaders for Health Equity: The Vision Conference
- 2018-2023 **Principal Investigator**
R01-CA225585
Total Cost \$3,170,406
10% Salary Support 06/12/18 - 05/31/23
National Institutes of Health, National Cancer Institute
Reader Accuracy in Pathology Interpretation and Diagnosis: Perception and Cognition (RAPID-PC)
- 2018-2021 **Principal Investigator** (Multi-PI award; Admin PI - Linda Shapiro)
U01 CA231782

Total 1st Year \$302,324
National Institutes of Health
A Unified Machine Learning Package for Cancer Diagnosis

- 2016-2021 **Principal Investigator**
R01-CA200690
Total Cost \$1,947,023
20% Salary Support 08/01/16-07/31/21
National Institutes of Health
Improving Melanoma Pathology Accuracy through Computer Vision Techniques – the IMPACT Study
- 2016-2021 **Principal Investigator**
R01-CA201376
Total Cost: \$ 3,105,705
20% Salary Support 06/01/2016-5/31/2021
National Institutes of Health
Reducing Errors in the Diagnosis of Melanoma and Melanocytic Lesions

SUBMITTED GRANTS

- 2019-2024 Co-Investigator (PI: Christoph Lee; subcontract site PI)*
Total UCLA subcontract: \$1,146,161
National Institutes of Health
External Validation, Refinement, and Clinical Translation of an Artificial Intelligence Algorithm for Improved Breast Cancer Screening Accuracy
*Received fundable score, awaiting award start date.

CLOSED GRANTS

- 1991-1992 **Principal Investigator**
Total costs: \$38,000
American Cancer Society - Research Development RD-390
Observer Variability in Mammography
- 1994-1999 **Principal Investigator**
Total costs: \$240,000 total direct, no indirect costs
09/01/94-12/31/95; 09/01/96-08/30/99
Robert Wood Johnson Foundation Generalist Faculty Scholar Award
Mammography Effectiveness in Women of Different Races & Socioeconomic Status
- 1995 **Assistant Director** (PI: A. Feinstein, R. Horwitz)
Total costs: \$1 million
Robert Wood Johnson Clinical Scholars Program, Yale University

1995-1997 **Principal Investigator**
Total costs: \$75,000
American Cancer Society - Research Development RPG-97-034-01-PBR
The False-Positive Rate in Women Receiving Repeated Mammograms Over Ten Years

1996 **Principal Investigator**
Total costs: \$6,711; Indirect 33%
01/01/95-07/31/97
NIA-sponsored Claude D. Pepper Older Americans Independence Pilot funds
Cumulative Call Back Rate in Mammography

1996 **Co-Investigator** (PI: S. Fletcher)
Total costs: \$48,000
10/01/96-09/30/97
Harvard Pilgrim Health Care Foundation
Clinical Assessment of Patients' Status Following Abnormal Mammograms

1996-2000 **Associate Director** (PI: R. Deyo, T. Koepsell)
Total costs: \$1.1 million
5% salary support 07/01/96-06/30/97; 10% support 07/01/97-12/31/00; 15% support 07/01/01-06/30/06
Robert Wood Johnson Clinical Scholars Program, University of Washington

1997-1999 **Principal Investigator**
Total costs: \$146,000
01/01/97-12/31/99
American Cancer Society - Research Project Grant
Community Breast Cancer Screening

1997-2000 **Subcontract Principal Investigator** (PI: S. Taplin)
Total costs: \$2,008,284
15% salary support 04/01/97-05/31/00
National Cancer Institute/Group Health Cooperative
Breast Cancer Surveillance in a Defined Population

1999-2003 **Co-Investigator** (PI: E. Wagner)
Total costs: \$16,771,685
20-35% salary support 09/28/98-09/27/03
National Cancer Institute/Group Health Cooperative
Increasing Effectiveness of Cancer Control Interventions

2000-2005 **Subcontract Principal Investigator** (PI: S. Taplin)
Total costs: \$4.3 million
5% salary support 07/01/00-05/30/05
National Cancer Institute/Group Health Cooperative
Breast Cancer Surveillance in a Defined Population (renewal)

2000-2005 **Principal Investigator**
Total costs: \$1,998,000
20-30% salary support 09/01/00-08/13/05

Agency for Health Research and Quality/National Cancer Institute (Joint Funding)
Understanding Variability in Community Mammography

2000-2005 **Subcontract PI** (PI: S. Taplin)
Total Cost: \$43,114
5% salary support 04/01/00-03/31/05
National Cancer Institute/Group Health Cooperative
Breast Cancer Surveillance in a Defined Population

2001-2004 **Subcontract Principal Investigator** (PI: P. Porter)
Total Cost: \$800,000 for HMC subcontract (\$2.4 million for overall gift)
5-15% salary support 09/01/01-03/30/04
AVON Products Foundation
AVON HMC Breast Health Care Clinical Management, Education & Investigation

2001-2006 **Co-Investigator** (PI: R. Deyo)
Total Cost: \$1.8 million
5-20% salary support 07/01/01-06/30/06
Robert Wood Johnson Clinical Scholars Program, University of Washington

2002-2004 **Subcontract Principal Investigator** (PI: A. Geiger)
Total Cost: \$29,203
5% salary support 01/01/02-12/31/04
National Cancer Institute
Patient-Oriented Outcomes of Prophylactic Mastectomy

2004-2005 **Subcontract Principal Investigator** (PI: M. von Korff)
Total Cost: \$50,000
10% salary support 03/01/04-02/28/05
National Institutes of Health/National Cancer Institute
Do acute and chronic illnesses trump preventive care? A case of breast and colorectal cancer screening

2004-2010 **Principal Investigator**
5 K05 CA 104699
Total Cost: \$505,023
40% salary support 09/17/04-08/31/09
15% salary support 09/01/09-08/31/10 (no cost extension year)
National Cancer Institute (K05)
Improving Accuracy and Outcomes of Breast Cancer Screening

2004-2011 **Principal Investigator**
5 R01 CA107623
R01 HS-010591
Total cost: \$3,565,115
7% salary support 07/01/04-04/30/11
National Cancer Institute/Agency for Health Research on Quality, Joint Funding
Understanding Variability in Community Mammography

2007-2008 **Principal Investigator**
Total cost: \$99,980

3% salary support 09/01/07-08/31/08
National Institutes of Health/National Cancer Institute
*Supplement to Understanding Variability in Community Mammography - Dissemination of
Surveillance Research Findings

- 2008-2009 **Subcontract PI** (PI: Delbanco)
(64990)
Beth Israel Deaconess Medical Center
Robert Wood Johnson Foundation (prime sponsor)
OpenNotes: Planning Phase (Phase 1)
- 2008-2010 **Subcontract PI** (PI: Ganschow)
3145-324-UW
Total Cost: \$26,883
10% salary support 07/01/08-06/30/09
5% salary support 07/01/09-06/30/10 (no cost extension year)
AVON Foundation
Providing a State of the Art Breast Cancer Risk Screening Program for Underserved
Women
- 2009-2010 **Principal Investigator**
3 K05 CA 104699-05S1
Total cost: \$30,255
09/01/09-08/31/10
National Institutes of Health/National Cancer Institute
Improving Accuracy & Outcomes of Breast Cancer Screening
(ARRA – Administrative supplement to K05 CA104699)
- 2009-2011 **Subcontract PI** (PI: Delbanco)
(65921)
Total cost: \$453,964
5% salary support 05/15/09-05/14/12
Beth Israel Deaconess Medical Center
Robert Wood Johnson Foundation (prime sponsor)
OpenNotes: Demonstrating and Evaluating Transparency in Primary Care (Phase 2)
- 2009-2015 **Principal Investigator**
R01 CA140560
Total cost: \$3,213,059
10-30% salary support 07/07/09-05/31/15
National Institutes of Health/National Cancer Institute
Accuracy of Breast Pathology and the Impact of Technology & Double Reading
- 2010-2011 **Mentor, Advisory Board Member** (PI: Disis)
SUL1RR025014-04S2
Total cost: \$1,990,436
09/23/10-09/22/11
National Institutes of Health, NCRR
NIH Administrative Supplement for Comparative Effectiveness Research Workforce
Development: The ITHS Institute for CER Training and Web-based Toolkit

2010-2015 **Principal Investigator**
5 K05 CA104699
Total cost: \$723,964
50% salary support 09/01/10-08/31/15
National Institutes of Health/National Cancer Institute
Improving Accuracy and Outcomes of Breast Cancer Screening and Diagnosis

2011-2012 **Subcontract PI (PI: Delbanco)**
(69488)
Beth Israel Deaconess Medical Center
Robert Wood Johnson Foundation (prime sponsor)
Evolution of OpenNotes: Documenting and Evaluating Transparency in Primary Care (Phase 3)

2011-2013 **Principal Investigator**
Not assigned
Total cost: \$30,000
0% salary support 07/01/11-06/30/13
Alvord Brain Tumor Endowment
Laterality of Brain Tumors and Mobile Phone Use

2012-2013 **Subcontract Principal Investigator (PI: Delbanco)**
Annual Direct: \$53,183
0% salary support 12/01/12-06/30/13
Robert Wood Johnson Foundation
Open Notes: Demonstrating and Evaluating Transparency in Primary Care – Bridge Funding (Phase 4)

2013-2015 **Subcontract Principal Investigator (PI: Walker/Delbanco)**
(71082)
Total cost: \$196,000
2% salary support 7/01/13-10/14/15
Robert Wood Johnson Foundation
Open Notes: Supporting Expansion of the Practice of Giving Patients Access to Physicians' Medical Notes (Phase 5)

2013-2015 **Principal Investigator**
R01 CA140560 Supplement
Total Cost: \$63,239
0% Salary Support 6/01/13-5/31/15
National Institutes of Health/National Cancer Institute
Accuracy of Breast Pathology and the Impact of Double Reading – Supplement

2011-2016 **Advisor (PI: Feng and Barlow)**
1U01 CA163304
Total cost: \$856,198
0% salary support 09/19/2011-08/31/2016; no cost extension
National Institutes of Health/National Cancer Institute
PROSPR Statistical Coordinating Center (PSCC)

2014-2016 **Principal Investigator**
R01 CA151306 Supplement
Total cost: \$60,637
1-3% salary support 06/01/14-05/31/16
National Institutes of Health/National Cancer Institute
Accuracy in the Diagnosis of Melanoma & the Impact of Technology and Double Reading – Supplement

2014-2017 **Co-Investigator** (PI: Crothers)
LCD-304456
Total cost: \$200,000
2.5% salary support 07/01/14-06/30/16, extension to 6/30/17
American Lung Association
Improving Implementation of Lung Cancer Screening in Diverse Populations

2015-2017 **Co-Investigator** (PI: Lee)
EPR1503
Total cost: \$17,705
1% salary support 03/18/15-12/31/16 + NCE
Association of University Radiologist Research and Education Foundation
Direct Patient Interaction with Radiology Reports as Part of Their Online Access to Electronic Medical Records

2011-2017 **Principal Investigator**
R01 CA151306
Total cost: \$4,053,634
15-30% salary support 08/01/11-05/31/17
National Institutes of Health/National Cancer Institute
Accuracy in the Diagnosis of Melanoma & the Impact of Double Reading

2015-2018 **Subcontract Principal Investigator** (PI: Delbanco/Walker)
01028539/01028584
Total Cost: \$1,065,000 (Subaward)
10%-40% Salary Support 10/15/2015-11/30/2018
Robert Wood Johnson Foundation, Moore Foundation, Peterson Foundation & Cambia Foundation
OpenNotes: Improving Health through a Culture of Transparency

2012-2018 **Principal Investigator**
R01 CA172343
Total cost: \$3,181,288
10-15% salary support 12/01/12-11/30/18, no cost extension
National Institutes of Health/National Cancer Institute
Digital Pathology: Accuracy Viewing Behavior and Image Characterization

TRAINING GRANTS - UW

2000-2005 **Co-Investigator** (PI: J. Probstfield)
Total cost: \$1 million

5% salary support 9/30/00-08/31/05
National Institutes of Health
UW Clinical Research Training Program
Clinical Research Curriculum Award (CRCA) K-30 training program to enhance the
fellowship programs offered to physicians and other health care professionals who wish to
become independent clinical researchers.

2000-2008 **Co-Investigator** (PI: Probstfield/Brunzell)
Total cost: \$1,413,050
5% salary support 9/1/00-8/31/08
National Institutes of Health/NCRR
UW Clinical Research Training Program-2

2004-2006 **Investigator** (PI: R. Deyo)
Total cost: \$13,162,000
10% salary support 09/30/04-06/30/06
National Institutes of Health (K-12)
UW Multidisciplinary Clinical Research Training

2010-2011 **Mentor** (PI: M. Disis)
3UL1RR025014-04S2
Total cost: \$483,614
5% salary support: 09/23/2010–09/22/2011
National Institutes of Health
Institute for Translational Health Science
Administrative Supplement for Comparative Effectiveness Research Workforce
Development: The ITHS Institute for CER Training and Web-based Toolkit

LECTURES AND PRESENTATIONS

- 1980 "Student Involvement - A Case Study of the Self-Help Clinic." American College Health Association National Meeting, San Diego, CA
- 1980 "The Role and Function of a Student Health Advisory Board." American College Health Association National Meeting, San Diego, CA
- 1981 "Sarcomere Motion in Isolated Cardiac Cells." American Heart Association Research Forum San Diego County, San Diego, CA
- 1981 "Student Stressors." Mental Health Conference, California State Universities, San Diego, Ca
- 1981 "Funding Mechanisms for Student Health Advisory Board." Pacific Coast College Health Association Annual Meeting, San Jose, CA
- 1981 "Student Health Care in the U.S., an Overview." Pacific Coast College Health Association Annual Meeting, San Jose, CA
- 1981 "Innovative Programs--A Case Study of the Self-Help Clinic." American Public Health Association National Meeting, Los Angeles, CA
- 1982 "Models for Consumer Participation." Pacific Coast College Health Association Annual Meeting, San Jose, CA
- 1982 Maintaining Student Involvement in the Health Care Team." American College Health Association National Meeting, Seattle, WA
- 1982 "Medical Self-Care." Extension Seminar on Health Assessment. San Diego State University, San Diego, CA

1983 "Analysis of Nutrition Education and Methods of Dietary Evaluation." Stanford Heart Disease Prevention Program Research Forum, Stanford, CA

1983 "Summary of the GPEP Findings." American Medical Student Association Regional Meeting, Los Angeles, CA

1984 "Improving the Health of Communities." Loma Linda University Annual Conference on Prevention, Loma Linda, CA

1984 "Recreating the Joy in Medicine." Association of American Medical Colleges National Meeting, Chicago, IL

1984 "Panel Discussion: Innovations in Medical Education." Association of American Medical Colleges Western Regional Meetings, Asilomar, CA

1984 "Promoting Health Among Medical Students." American Public Health Association National Meeting, Anaheim, CA

1984 "Evaluation of Community Nutrition Education." American Public Health Association National Meeting, Anaheim, CA

1984 "Personal Health Course for Medical Students." Association of American Medical Colleges Western Regional Meeting, Asilomar, CA

1985 "Exercise During Pregnancy." OB/GYN Grand Rounds Santa Clara Valley Hospital, Santa Clara, CA

1985 "Prevention in Medical Education." Association of American Medical Colleges National Meeting, Washington, DC

1985 "Student Initiated Courses in Prevention." Panel Moderator, American Medical Student Association National Meeting, Chicago, IL

1985 "Personal Health Overview." Association of American Medical Colleges Western Regional Meeting, Asilomar, CA

1986 "Students Leading the Way in International Health and Community Service." Chair and Panel Moderator, Association of American Medical Colleges National Meeting, New Orleans, LA

1986 "Prevention in Medical Education." Keynote Address, American Medical Student Association National Conference in Prevention, Washington, DC

1986 "Medical Education in the Year 2000." Closing Keynote Address. Association of American Medical Colleges Western Regional Meeting, Asilomar, CA

1990 "Post-MI Mortality Prediction." Plenary Session, Robert Wood Johnson Clinical Scholars National Meeting, Ft. Lauderdale, FL

1991 "Observer Variability in Mammography." Plenary Session, Robert Wood Johnson Clinical Scholars National Meeting, Ft. Lauderdale, FL

1992 "The Impact of the Clinical History on Mammographic Interpretations." Plenary Session, Robert Wood Johnson Clinical Scholars National Meeting, Ft. Lauderdale, FL

1994 "Racial Differences in Mammography Screening." Robert Wood Johnson Generalist Faculty National Meeting, Tucson, AZ

1994 "The Impact of Clinical History on Mammographic Interpretation." Plenary Session, New England Regional Society of General Internal Medicine, Sturbridge, MA

1995 "Mammography--Differences in the Eyes of the Beholder." Grand Rounds, Yale University School of Medicine, New Haven, CT

1995 "Breast Cancer Screening." Grand Rounds, Danbury Hospital, Danbury, CT

- 1995 "NCI Conference on Double Reading of Mammograms." National Cancer Institute, Washington, DC
- 1997 "Mammography--Differences in the Eyes of the Beholder." Grand Rounds, University of Washington School of Medicine, Seattle, WA
- 1997 "Meta-Analysis." Epidemiology for Clinicians, Stanford School of Medicine, Palo Alto, CA
- 1997 "Research in Breast Cancer Screening." Stanford Center for Research in Disease Prevention, Palo Alto, CA
- 1997 "Policy for Clinical Preventive Services: The Case of Mammography." Northwest Health Policy Research Conference, Seattle, WA
- 1997 "Cumulative Risk of a False-Positive Mammogram Over a 10-Year Period." National Meeting, Society of General Internal Medicine, Washington, DC
- 1997 "Making Public Policy." Robert Wood Johnson Generalist Faculty National Meeting, Ft. Lauderdale, FL
- 1997 "From Research to Policy to Practice: Mammography as a Case Example." Plenary Session, Robert Wood Johnson Generalist Faculty National Meeting, San Diego, CA
- 1997 "Accuracy of Mammography, a review of the literature." NCI-Breast Cancer Surveillance Committee National Meeting, Stowe, VT
- 1997 Radiologists Variability in Mammography Breast Cancer Screening Consortium." NCI Funded, Santa Cruz, CA
- 1998 "Mammography Screening." Menopause and Beyond: 2 day seminar for CME credit, Seattle, WA
- 1998 "Clinical Aspects of Breast Cancer Screening." Fred Hutchinson Cancer Research Center, Seattle, WA
- 1999 "Negotiating for an Academic Position." Robert Wood Johnson Clinical Scholar Program, Seattle, WA
- 1999 "Breast Cancer Screening." MEDEX Northwest Physician Assistant Program, Seattle, WA
- 1999 "Review of Case-Control Study Design Related to Mammography." Oahu, HI
- 1999 "Breast Cancer Screening: An Epidemiological Trek." Harborview Medical Center, Seattle, WA
- 1999 "Medical Diagnostics: Clinical Issues in Breast Cancer Screening." Department of Biostatistics Faculty, Seattle, WA
- 1999 "An Update on the Benefits of Mammography Screening." Fourth Annual Summer Institute on Choices, Outcomes and Unresolved Controversies in Women's Health, University of Washington, Department of Pharmacy, Seattle, WA
- 2000 "Breast Cancer Screening." MEDEX Northwest Physician Assistant Program, Seattle, WA
- 2000 "Breast Cancer Screening Update." American College of Physician Cancer Screening, Philadelphia, PA
- 2000 "Prospects for Early Detection of Cancer." American Society of Clinical Oncology, New Orleans, Louisiana
- 2000 "Screening for Breast Cancer." 28th Annual Advances in Family Practice Primary Care, Seattle, WA
- 2000 Phyllis T. Bodel Endowed Professorship Grand Rounds Lecture, Yale University, New Haven, CT
- 2000 "Crossroads in my Medical Career: Finding Balance and Direction." Invited Lecture for the Office of Women in Medicine, Yale University, New Haven, CT
- 2001 "Negotiating for an Academic Position." Robert Wood Johnson Generalist Physician Faculty Award, San Diego, CA
- 2002 "Breast Cancer Screening." MEDEX Adult Medicine Class, University of Washington

- 2002 “Breast Cancer Screening.” General Internal Medicine Noon Conference, University of Washington.
- 2002 “Screening for Breast Cancer.” American College of Physicians, Philadelphia, PA
- 2002 “Tribute to Alvan Feinstein.” The Sydenham Society, Atlanta, GA
- 2002 ”The Benefits and Risks of Breast Cancer Screening: Differences in the Eyes of the Beholder.” The Best of Health UW Academic Medical Center Seminar Series, Seattle, WA
- 2002 “Multi-Site Data Collection Innovation: Direct Data Entry of Medical Record Abstracts.” HMO Research Network Conference, Long Beach, CA
- 2002 “Complications within one year after contralateral prophylactic mastectomy.” HMO Research Network Conference, Long Beach, CA
- 2002 “Efficacy of Prophylactic Mastectomy in Women with Unilateral Breast Cancer.” HMO Research Network Conference, Seattle, WA
- 2002 “Screening Vulnerable Patient Population.” AVON Foundation, Atlanta, GA
- 2003 “Breast Cancer Screening.” MEDEX Northwest Physician Assistant Program, Seattle, WA
- 2003 Plenary session. International Meeting of the American Association of Cancer Research, Frontiers in Cancer Prevention Research on Early Detection and Screening, Phoenix AZ
- 2003 “Informal Decision-Making and Controversial Preventive Services: An Approach to Patient Provider Communication.” National Meeting of Society of General Internal Medicine, Vancouver, B.C.
- 2003 “Clinical Breast Examination in the USA.” MammaCare Grand Opening, OHSU Cancer Institute, Portland, Oregon
- 2003 “Emerging Issues in Breast Cancer Screening.” Breast Cancer Surveillance Consortium Meeting, Lake Tahoe, California
- 2003 “Cancer Screening: Moving from Randomized Trials to the Community.” Seattle Cancer Care Alliance, Seattle, WA
- 2004 “Negotiating Professional Change.” Panel discussion. National Meeting for the Robert Wood Johnson Foundation Generalist Faculty Awardees, Houston, Texas
- 2004 “Breast Cancer Screening.” MEDEX Northwest Physician Assistant Program, Seattle, WA
- 2004 “Breast Cancer Screening.” International Conference on Frontiers in Cancer Prevention Research, Seattle, WA, October 16-20, 2004
- 2004 “Evidence-Based Professional Development for Breast Cancer Screening.” Centers for Disease Control’s 2004 Professional Development Coordinators Training, San Diego, CA, November 17, 2004
- 2005 Science in Medicine Lecture, Harborview Medical Center, Seattle, WA, March 30, 2005
- 2005 “Saving Lives, Scaring Women, Scarring Breasts: Controversies in Breast Cancer Screening.” University of Washington Department of Medicine Grand Rounds, Seattle, WA, January 20, 2005
- 2006 “Effectiveness of Screening in Practice.” International Breast Cancer Screening Network, Ottawa, Canada, May 11-12, 2006
- 2006 “Demystifying the NIH funding process.” SGIM 29th Annual Meeting, Los Angeles, CA, April 27, 2006
- 2007 “Saving Lives, Scaring Women, Scarring Breasts: Controversies in Breast Cancer Screening.” Washington University – St. Louis Department of Medicine Grand Rounds, St. Louis, MO, January 25, 2007

- 2007 “Trade-offs in Breast Cancer Screening: The Good, The Bad, and the Unexpected.” University of Washington Science in Medicine Lecture, Seattle, WA, September 19, 2007
- 2008-2010 Co-Chair of University of Washington Mini-Medical School TV Series
- 2008 “Screening for Medical Diseases: The Good, the Bad and the Unexpected.” Invited Speaker, University of Washington Mini Med School, Seattle, WA
- 2008 “The Risks of Breast Cancer Risk Prediction.” Plenary Session Invited Speaker, San Antonio Breast Cancer Symposium, San Antonio, TX
- 2009 “Communication with Patients About Screening and Benefits/Risks.” UW Department of Family Medicine Retreat, Seattle, WA, January 16, 2009
- 2009 “Awards: Applying for the National Institutes of Health K Awards.” Society of General Internal Medicine, National Meeting, Miami, FL, May 2009
- 2009 “Communications Between Patients and Providers and Informed Decision-Making.” Diagnosis and Management of Ductal Carcinoma, National Institute of Health, State-of-the-Science Conference, Bethesda, MD, September 2009
- 2009 “Communicating with Patients about Breast Cancer Risk.” Lynn Sage Breast Cancer Symposium, Chicago IL, October 2009
- 2009 “Breast Cancer Screening – The New Guidelines: Can We Make Sense out of the Controversy.” Panel Discussion. Moderator, University of Washington Center for Translational Health Sciences, Seattle, WA, December 2009
- 2009 “When Radiologists Perform Best: The Learning Curve in Screening Mammogram Interpretation.” *Radiology*, Podcast interview. December 2010
- 2010 Discussion of “ductal carcinoma in situ (DCIS), including research, treatment, and NIH’s state-of-the-science conference.” *Journal of the National Cancer Institute*. Podcast Interview, February 2010
- 2010 “Is Your Doctor Really Hearing You?” Invited Speaker, University of Washington Mini Med School, Seattle, WA, February 2010. <http://uwtv.org/watch/8dFum2rZ6k0/>.
- 2010 “Breast and Colorectal Cancer Screening Recommendations.” Panel Discussion. Invited Panelist, Fred Hutchinson Cancer Research Center Biobehavioral Cancer Prevention and Control Training Program, Seattle, WA, February 2010
- 2010 “Breast, Cervical and Colorectal Screening.” Panel Discussion. Seattle Gyn Society, Seattle, WA, September 2010
- 2010 “What do we know about the Association Between DCIS Nomenclature and Patient Distress and Confusion?” Invited Speaker, American Cancer Society, Atlanta GA, September 2010
- 2011 “Saving Lives, Scaring Women, Scarring Breasts: Controversies in Breast Cancer Screening.” Invited Speaker, Seattle and King County Public Health, Breast, Cervical and Colon Health Program, Seattle, WA, February 2011
- 2011 “Observational Studies and Comparative Effectiveness Research.” Invited Speaker, Institute for Comparative Effectiveness Research Training, Seattle, WA, September 2011
- 2012 “Controversies in Breast Cancer Screening.” Invited Speaker, Internal Medicine Conference, University of North Carolina – Chapel Hill, Chapel Hill, NC, March 2012
- 2013 “Breast Cancer Screening.” Invited Speaker, Master of Public Health Department Wide Seminar, Department of Health Services, Health Research Training Seminar HSERV 592, University of Washington, Seattle, WA, January 2013
- 2013 “Is it Time for a New Approach to Breast Screening?” Invited Speaker, Lynn Sage Breast Cancer Symposium, Chicago, IL, September 2013

- 2013 “Leveraging Open Notes and Patient Portals: A Case Study in Enhancing Patient Engagement.” Webinar presenter, Healthcare Business Insights, September 2013
- 2013 Path Presents/Path Grand Rounds Seminar, University of Washington, Department of Pathology Graduate Program. Invited speaker, Seattle, WA, November 2013
- 2013 “Placebo Effects in Guidelines, Practice, and Patient Choice.” Invited Speaker, Program in Placebo Studies & Therapeutic Encounter (PiPS), Harvard Medical School, Boston, MA, December 9, 2013.
- 2014 “American Cancer Society Grant Review.” Invited speaker, Cancer Research Network, webinar, March 25, 2014.
- 2014 “Research Opportunities in Engaging Patients: Toward Decisions that are Informed.” Invited Speaker, Cancer Research Network, webinar, May 14, 2014.
- 2014 “Using a Risk Prediction Model in Clinical Practice.” Invited Speaker, Risk Prediction Symposium, Fred Hutchinson Cancer Research Center, Seattle, WA, June 11, 2014.
- 2015 “OpenNotes: Patients and Doctors on the Same Page.” Invited Speaker, Medical Grand Rounds, University of Washington, Seattle, WA, March 12, 2015.
- 2015 “OpenNotes: Inviting Patients into their Electronic Health Records.” Invited Speaker, Healthwise, Boise, ID, April 6, 2015.
- 2015 Grandberg Visiting Professor. “Breast Cancer Screening: Balancing evidence with culture, politics, money and media.” Beth Israel Deaconess Medical Center Department of Medicine Grand Rounds. Boston, MA. October 15, 2015.
- 2015 “OpenNotes: Inviting Patients into their Electronic Medical Records”. Beth Israel Deaconess Medical Center General Medicine Grand Rounds. Boston, MA. October 16, 2015.
- 2015 “Research Portfolio of a Generalist: From diagnostic accuracy of pathologists, to computer image analysis technology, to increasing patient engagement via opening access to electronic medical records.” Fred Hutchinson Cancer Research Center Cancer Prevention Program. Seattle, WA. October 19, 2015.
- 2016 “Inviting Patients To View Their Full Electronic Medical Record Via Patient Portals: Doctors and Patients on the Same Page.” Mini-Medical School. University of Washington School of Medicine, Seattle, WA. February 23, 2016. Available to view on the University of Washington TV: <http://uwtv.org/series/2016-mini-medical-school/watch/jPgFbVy6xjM/>
- 2016 “Patient Engagement: Lessons from the Open Notes Movement.” Cambia Health Innovation Forum. Cambia Grove, Seattle, WA. October 3, 2016.
- 2016 “Negotiations.” Women in Medicine. American College of Physicians (Washington State Chapter). October 22, 2016.
- 2017 “Irreducible Complexity? Efforts to Improve Diagnostic Accuracy.” Division of General Internal Medicine Research Seminar. University of California, Los Angeles. January 9, 2017.
- 2017 “Research That Starts with the Patient: Contemplating Actions, Preparing for Reactions.” Robert Wood Johnson Clinical Scholars Program, University of California, Los Angeles. January 10, 2017.
- 2017 “Breast Cancer Screening: Balancing Evidence with Culture, Politics, Money and Media.” Medical Grand Rounds, Department of Medicine. University of California, Los Angeles. January 11, 2017.
- 2017 “Clinician Investigator Careers: Mentoring Panel”, Society for General Internal Medicine annual meeting, Washington DC. April 20, 2017.
- 2017 “Is histopathology accurate in the diagnosis of melanoma?” Seattle Dermatology Society, June 21, 2017.
- 2017 “Negotiating For Jobs” National Clinician Scholars Program annual meeting, New Haven, CT. November 14, 2017.
- 2018 “From Interaction to Inspiration: Using Clinical Experiences to Cultivate Your Research,” Regional SGIM Meeting, plenary speaker, Seattle, WA. February 2018.
- 2018 “Research Portfolio of a Generalist Physician (e.g., diagnostic accuracy of pathologists, machine learning and computer image analysis, and patient engagement via patient portals),” UCLA Fielding

- School of Public Health and Jonsson Comprehensive Cancer Center for Cancer Prevention and Control Research Monthly Research Seminar, Los Angeles, CA. March 5, 2018.
- 2018 “Research Portfolio of a Generalist Physician; from diagnostic accuracy of radiologists and pathologists to computer machine learning to patient portals and engagement,” Mark Moskowitz Visiting Professor, Boston University School of Medicine, General Internal Medicine Grand Rounds, March 23, 2018.
- 2018 “Breast Cancer Screening: Balancing Evidence With Culture, Politics, Money, and Media,” Mark Moskowitz Visiting Professor, Boston University School of Medicine, Department of Medicine Grand Rounds, March 23, 2018.
- 2018 “What's in a Note? Reflections on the Goals of Medical Notes,” Workshop, Society of General Internal Medicine Annual Meeting, Denver, CO. April 12, 2018.
- 2018 “Beyond the Guidelines: How Would you Screen for Breast Cancer in this Woman with Dense Breasts?” Invited Panelist, American College of Physicians Annual Meeting, New Orleans, LA. April 20, 2018.
- 2018 “The Importance of Emerging Technology in Achieving Health Equity,” Invited Panelist, Cambia Grove OpenNotes Summit, Seattle, WA. October 25, 2018.
- 2018 “Medical Image Perception and Decision Making,” Invited Panelist, Psychonomic Society Annual Meeting, New Orleans, LA. November 18, 2019.
- 2019 “Through the Diagnostic Accuracy Looking Glass: Adventures in Perception, Cognition, Learning, and Communication” UCLA Jonsson Comprehensive Cancer Center Retreat, Los Angeles, CA. February 22, 2019.
- 2019 “Through The Diagnostic Accuracy Looking Glass: How We Make and Communicate Diagnoses,” Meiklejohn Visiting Professor, University of Colorado Anschutz Medical Campus, Department of Medicine General Internal Medicine Grand Rounds, Denver, CO. June 4, 2019.
- 2019 “Breast Cancer Screening: Balancing Evidence with Culture, Politics, Money and Media,” Meiklejohn Visiting Professor, University of Colorado Anschutz Medical Campus, Department of Medicine Grand Rounds, Denver, CO. June 5, 2019.
- 2019 “Through the Diagnostic Accuracy Looking Glass: How We Make and Communicate Diagnoses,” Keynote, Medical Image Perception Society XVIII Annual Meeting, Salt Lake City, Utah. July 22, 2019.

**ELMORE, JOANN G., MD, MPH, FACP
 MEDICINE/GIM & HSR/CHS
 PUBLICATION/BIBLIOGRAPHY**

RESEARCH PAPERS

A. RESEARCH PAPERS – PEER REVIEWED

1. **Elmore JG**. How students are incorporated into the health care team: an example of a student-funded, student-run self-help clinic. *J Am Coll Health*. Oct 1980;29(2):92.
2. Concato J, **Elmore JG**, Horwitz RI, Schiff SF, Feinstein AR. Severity of comorbidity, not type of surgery, affects outcome of prostatectomy. *Trans Assoc Am Physicians*. 1990;103:90-95.
3. Ransom BR, **Elmore JG**. Effects of antiepileptic drugs on the developing central nervous system. *Adv Neurol*. 1991;55:225-237. Review.
4. Farquhar JW, Reynolds KD, **Elmore JG**, Kaplan SM, Sibley BJ, Von Franque O. Effectiveness of a personal-health course for medical students. *Acad Med*. Apr 1991;66(4):242-243.
5. Concato J, Horwitz RI, Feinstein AR, **Elmore JG**, Schiff SF. Problems of comorbidity in mortality after prostatectomy. *JAMA*. Feb 1992;267(8):1077-1082.
6. **Elmore JG**, Feinstein AR. A bibliography of publications on observer variability (final installment). *J Clin Epidemiol*. Jun 1992;45(6):567-580.
7. Howard DH, **Elmore JG**, Lee CH, Wells CK, Feinstein AR. Observer variability in mammography. *Trans Assoc Am Physicians*. 1993;106:96-100.
8. Taylor CR, **Elmore JG**, Sun K, Inouye SK. Technology assessment in diagnostic imaging. A proposal for a phased approach to evaluating radiology research. *Invest Radiol*. 1993 Feb;28(2):155-161.
9. **Elmore JG**, Feinstein AR. Joseph Goldberger: an unsung hero of American clinical epidemiology. *Ann Intern Med*. 1994 Sep;121(5):372-375. Erratum in: *Ann Intern Med* 1995 Nov 15;123(10):814.
10. **Elmore JG**, Wells CK, Lee CH, Howard DH, Feinstein AR. Variability in radiologists' interpretations of mammograms. *N Engl J Med*. 1994 Dec 1;331(22):1493-1499.
11. Spitzer WO, Haggerty JL, Berkson L, Davis W, Palmer W, Tamblyn R, Laprise R, Faith JM, **Elmore JG**, Horwitz RI. Continuing occurrence of eosinophilia myalgia syndrome in Canada. *Br J Rheumatol*. 1995 Mar;34(3):246-251.
12. **Elmore JG**, Horwitz RI. Oral cancer and mouthwash use: evaluation of the epidemiologic evidence. *Otolaryngol Head Neck Surg*. 1995 Sep;113(3):253-261.
13. **Elmore JG**, Horwitz RI, Quagliarello VJ. Acute meningitis with a negative Gram's stain: clinical and management outcomes in 171 episodes. *Am J Med*. 1996 Jan;100(1):78-84.
14. **Elmore JG**, Viscoli CM, Horwitz RI. The evolving clinical status of patients after a myocardial infarction: the importance of post-hospital data for mortality prediction. *J Clin Epidemiol*. 1996 Nov;49(11):1233-1238.
15. Wagner KR, **Elmore JG**, Horwitz RI. Diagnostic bias in clinical decision making: an example of L-tryptophan and the diagnosis of eosinophilia-myalgia syndrome. *J Rheumatol*. 1996 Dec;23(12):2079-2085.
16. **Elmore JG**, Wells CK, Howard DH, Feinstein AR. The impact of clinical history on mammographic interpretations. *JAMA*. 1997 Jan 1;277(1):49-52.
17. **Elmore JG**, Barton MB, Mocerri VM, Polk S, Arena PJ, Fletcher SW. Ten-year risk of false positive screening mammograms and clinical breast examinations. *N Engl J Med*. 1998 Apr 16;338(16):1089-1096.

18. **Elmore JG**, Wells CK, Howard DH. Does diagnostic accuracy in mammography depend on radiologists' experience? *J Womens Health*. 1998 May;7(4):443-449.
19. Selwyn PA, Pumerantz AS, Durante A, Alcabes PG, Gourevitch MN, Boisselle PM, **Elmore JG**. Clinical predictors of *Pneumocystis carinii* pneumonia, bacterial pneumonia and tuberculosis in HIV-infected patients. *AIDS*. 1998 May 28;12(8):885-893.
20. White E, Velentgas P, Mandelson MT, Lehman CD, **Elmore JG**, Porter P, Yasui Y, Taplin SH. Variation in mammographic breast density by time in menstrual cycle among women aged 40-49 years. *J Natl Cancer Inst*. 1998 Jun 17;90(12):906-910.
21. Saint S, **Elmore JG**, Sullivan SD, Emerson SS, Koepsell TD. The efficacy of silver alloy-coated urinary catheters in preventing urinary tract infection: a meta-analysis. *Am J Med*. 1998 Sep;105(3):236-241.
22. Suter LG, **Elmore JG**. Self-referral for screening mammography. *J Gen Intern Med*. 1998 Oct;13(10):710-713.
23. **Elmore JG**, Mocerri VM, Carter D, Larson EB. Breast carcinoma tumor characteristics in black and white women. *Cancer*. 1998 Dec 15;83(12):2509-2515.
24. Barton MB, **Elmore JG**, Fletcher SW. Breast symptoms among women enrolled in a health maintenance organization: frequency, evaluation and outcome. *Ann Intern Med*. 1999 Apr 20;130(8):651-657.
25. Burman ML, Taplin SH, Herta DF, **Elmore JG**. Effect of false-positive mammograms on interval breast cancer screening in a health maintenance organization. *Ann Intern Med*. 1999 Jul 6;131(1):1-6.
26. Reisch LM, Barton MB, Fletcher SW, Kreuter W, **Elmore JG**. Breast cancer screening use by African Americans and Whites in an HMO. *J Gen Intern Med*. 2000 Apr;15(4):229-234.
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