

Diana L. Miglioretti, Ph.D.

Clinical Interests
Dr. Miglioretti's primary methodological research interests are in multilevel and latent variable models, longitudinal and clustered data analysis, and the evaluation of screening and diagnostic tests. The majority of her collaborative research is in the areas of breast cancer screening and radiation exposure from medical imaging.

Title
Professor and Division Chief of Biostatistics

Specialty
Public Health Sciences- Division of Biostatistics

Department
Public Health Sciences

Division
Public Health Sciences

Center/Program Affiliation
Center for Healthcare Policy and Research
UC Davis Comprehensive Cancer Center

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Education
Ph.D., Biostatistics, Johns Hopkins University Bloomberg School of Public Health, Baltimore MD 2000
Sc.M., Biostatistics, Johns Hopkins University Bloomberg School of Public Health, Baltimore MD 1996
B.S., University of Maryland, College Park MD 1992
B.S., University of Maryland, College Park MD 1992

Professional Memberships
American Society of Preventive Oncology

Honors and Awards
"Favorite Professor" Teaching Award, UC, Master of Preventative Veterinary Medicine, 2021
Association for Clinical and Translational Science (ACTS) Distinguished Investigator Translation into Public Benefit and Policy Award, 2020
Joan Oettinger Memorial Award for Outstanding Research in Cancer and Lung Disease, 2020
UC Davis School of Medicine Research Award, 2017
North American Primary Care Research Group (NAPCRG) Pearl Award, 2015

Select Recent Publications
To view Dr. Miglioretti's publications: https://www.ncbi.nlm.nih.gov/myncbi/diana.miglioretti.1/bibliography/public/

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Diana L. Miglioretti, Ph.D.

Tosteson A, Schifferdecker K, Smith R, Wernli K, Zhao W, Kaplan C, Buist DS, Henderson L, Sprague BL, Onega T, Budesky J, Jackson-Nefertiti G, Miglioretti D, Kerlikowske K. Women's Breast Cancer Screening Confidence by Screening Modality and Breast Density: A Breast Cancer Surveillance Consortium Survey Study. J Women's Health. Forthcoming.

Lawson MB, Bissell MCS, Miglioretti DL, Eavey J, Chapman CH, Mandelblatt JS, Onega T, Henderson LM, Rauscher GH, Kerlikowske K, Sprague BL, Bowles EJA, Gard CC, Parsian S, Lee CI. Multilevel Factors Associated With Time to Biopsy After Abnormal Screening Mammography Results by Race and Ethnicity. JAMA Oncol. 2022 Aug 1;8(8):1115-1126. doi:10.1001/jamaoncol.2022.1990. PMID:35737381.

Grayek E, Yang Y, Fischhoff B, Schifferdecker KE, Woloshin S, Kerlikowske K, Miglioretti DL, Tosteson ANA. A Procedure for Eliciting Women's Preferences for Breast Cancer Screening Frequency. Med Decis Making. 2022 Aug;42(6):783-794. doi:10.1177/0272989X211073320. Epub 2022 Jan 22. PMID:35067067.

Nyante SJ, Abraham L, Aiello Bowles EJ, Lee CI, Kerlikowske K, Miglioretti DL, Sprague BL, Henderson LM; Breast Cancer Surveillance Consortium. Diagnostic Mammography Performance across Racial and Ethnic Groups in a National Network of Community-Based Breast Imaging Facilities. Cancer Epidemiol Biomarkers Prev. 2022 Jul 1;31(7):1324-1333. doi:10.1158/1055-9965.EPI-21-1379. PMID:35712862.

Lawson MB, Herschorn SD, Sprague BL, Buist DSM, Lee SJ, Newell MS, Lourenco AP, Lee JM. Imaging Surveillance Options for Individuals With a Personal History of Breast Cancer: AJR Expert Panel Narrative Review. AJR Am J Roentgenol. 2022 May 11. doi:10.2214/AJR.22.27635. Epub ahead of print. PMID:35544374.

Kerlikowske K, Chen S, Golmakani MK, Sprague BL, Tice JA, Tosteson ANA, Rauscher GH,

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Henderson LM, Buist DSM, Lee JM, Gard CC, Miglioretti DL. Cumulative Advanced Breast Cancer Risk Prediction Model Developed in a Screening Mammography Population. J Natl Cancer Inst. 2022 May 9;114(5):676-685. doi:10.1093/jnci/djac008. PMID:35026019.

Smith RE, Sprague B, Henderson LM, Kerlikowske K, Miglioretti DL, Buist DSM, Wernli KJ, Onega T, Schifferdecker K, Jackson-Nefertiti G, Johnson D, Budesky J, Tosteson ANA. Breast Density Knowledge in a Screening Mammography Population Exposed to Density Notification. J Am Coll Radiol. 2022 May;19(5):615-624. doi:10.1016/j.jacr.2022.02.025. Epub 2022 Mar 24. PMID: 35341697.

Kwan ML, Miglioretti DL, Bowles EJA, Weinmann S, Greenlee RT, Stout NK, Rahm AK, Alber SA, Pequeno P, Moy LM, Stewart C, Fong C, Jenkins CL, Kohnhorst D, Luce C, Mor JM, Munneke JR, Prado Y, Buth G, Cheng SY, Deosaransingh KA, Francisco M, Lakoma M, Martinez YT, Theis MK, Marlow EC, Kushi LH, Duncan JR, Bolch WE, Pole JD, Smith-Bindman R. Quantifying cancer risk from exposures to medical imaging in the Risk of Pediatric and Adolescent Cancer Associated with Medical Imaging (RIC) Study: research methods and cohort profile. Cancer Causes Control. 2022 May;33(5):711-726. doi:10.1007/s10552-022-01556-z. Epub 2022 Feb 2. PubMed PMID: 35107724.

Ryser MD, Lange J, Inoue LYT, O'Meara ES, Gard C, Miglioretti DL, Bulliard JL, Brouwer AF, Hwang ES, Etzioni RB. Estimation of Breast Cancer Overdiagnosis in a U.S. Breast Screening Cohort. Ann Intern Med. 2022 Apr;175(4):471-478. doi:10.7326/M21-3577. Epub 2022 Mar 1. PMID:35226520.

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