



Karen K. Lindfors, M.D., M.P.H.

Philosophy of Care	<p>As the section chief of Breast Imaging, I believe that breast cancer screening, detection and diagnosis must be offered in a professional, yet warm and supportive environment that reduces anxiety for the women we serve.</p> <p>The staff, technologists and physicians work as a team to achieve this goal. I believe strongly in patient/radiologist direct communication and I encourage discussion with patients when they are seen for possible signs or symptoms of breast cancer.</p>
Clinical Interests	<p>A leading advocate for women's health, Dr. Lindfors works locally and nationally to promote patient and health-care professional education and early detection of breast cancer. Dr. Lindfors is researching the development of new methods to screen for breast cancer, including dedicated breast CT and breast tomosynthesis.</p>
Title	Professor of Clinical Radiology
Specialty	Cancer , Radiology , Radiology - Breast Imaging, Radiology - Diagnostic Radiology
Department	Radiology
Division	Breast Imaging
Center/Program Affiliation	UC Davis Comprehensive Cancer Center Women's Center for Health
Address/Phone	Lawrence J. Ellison Ambulatory Care Center, Radiology, 4860 Y St. Suite 3100 Sacramento, CA 95817
Additional Phone	Physician Referrals: 800-4-UCDAVIS (800-482-3284)
Education	M.D., University of Louisville School of Medicine, Louisville KY 1979 M.P.H., Yale University, New Haven CT 1974 B.S., Cornell University, Ithaca NY 1972
Internships	Surgery, Boston University Medical Center, Boston MA 1979-1980
Residency	Chief Resident in Diagnostic Radiology, Massachusetts General Hospital, Boston MA 1982-1983 Diagnostic Radiology, Massachusetts General Hospital, Boston MA 1980-1982
Fellowships	Radiology, Harvard Medical School, Boston MA 1983-1984
Board Certifications	American Board of Radiology, 1983



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Professional Memberships

American College of Radiology
American Roentgen Ray Society
California Radiological Society
Northern California Radiological Society
Radiological Society of North America
Society of Breast Imaging

Honors and Awards

Fellow of the American College of Radiology, 2015
American Board of Radiology Volunteer Service Award, 2014
University of California, Davis School of Medicine, Dean's Team Award for Excellence in Research, 2014

Select Recent Publications

Aminololama-Shakeri S, Abbey CK, Gazi P, Prionas ND, Nosratieh A, Li CS, Boone JM, Lindfors KK. Differentiation of ductal carcinoma in-situ from benign micro-calcifications by dedicated breast computed tomography. *Eur J Radiol.* 2016 Jan;85(1):297-303.

Lee J, Nishikawa RM, Reiser I, Boone JM, Lindfors KK. Local curvature analysis for classifying breast tumors: Preliminary analysis in dedicated breast CT. *Med Phys.* 2015 Sep;42(9):5479-89.

Chen L, Boone JM, Abbey CK, Hargreaves J, Bateni C, Lindfors KK, Yang K, Nosratieh A, Hernandez A, Gazi P. Simulated lesion, human observer performance comparison between thin-section dedicated breast CT images versus computed thick-section simulated projection images of the breast. *Phys Med Biol.* 2015 Apr 21;60(8):3347-58.

Khong KA, Hargreaves J, Aminololama-Shakeri S, Lindfors KK. Impact of the California breast density law on primary care physicians. *J Am Coll Radiol.* 2015 Mar;12(3):256-60.

Kuo HC, Giger ML, Reiser I, Boone JM, Lindfors KK, Yang K, Edwards A. Level set segmentation of breast masses in contrast-enhanced dedicated breast CT and evaluation of stopping criteria. *J Digit Imaging.* 2014 Apr;27(2):237-47.



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Taghavi M, Zhang Y, Lindfors K, Aminololama-Shakeri S. Breast cancer mimic: cutaneous B-cell lymphoma presenting as an isolated breast mass. *Case Rep Oncol.* 2014 Oct 15;7(3):685-91.

Tosteson AN, Fryback DG, Hammond CS, Hanna LG, Grove MR, Brown M, Wang Q, Lindfors K, Pisano ED. Consequences of false-positive screening mammograms. *JAMA Intern Med.* 2014 Jun; 174(6):954-61.

Kuo HC, Giger ML, Reiser I, Drukker I, Boone JM, Lindfors KK, Yang K, Edwards A, Sennett C. Segmentation of Breast Masses on Dedicated Breast CT and 3D Breast Ultrasound Images. *Journal of Medical Imaging.* 2014;1(1), 014501.

Boone JM, Lindfors KK, Aminololama-Shakeri S: The Potential of Breast CT for Breast Cancer Screening and Diagnosis. *Society of Breast Imaging News.* Winter 2014.

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