

From Labs to Lives

How Research Funding Solves Real-World Problems

NIH-Funded Research Making Breast Cancer Screening Safer and More Effective

Breast cancer affects millions of lives, and early detection can make all the difference. At UC Davis, Diana Miglioretti is leading NIH-funded research to improve breast cancer screening so it catches cancer early while reducing unnecessary stress and procedures. As co-leader of the U.S. Breast Cancer Surveillance Consortium, she analyzes data from millions of mammograms to find the best ways to screen people based on their individual risk. Her work helps ensure screening is effective, safe and accessible to everyone.

Helping Humanity

Miglioretti's research is about more than data—it's about saving lives and improving the screening experience. By personalizing screening guidelines, her work helps detect cancer earlier while reducing false alarms that cause anxiety and extra tests. Without continued NIH funding, progress could slow, leaving patients with outdated screening recommendations. Investing in this research means better care, fewer unnecessary procedures, and giving every person the best chance at early detection and survival.

// Without continued federal support, AI could be widely adopted before we have sufficient evidence of its effectiveness, potentially resulting in suboptimal patient outcomes, unnecessary procedures and higher health care costs.” — Diana Miglioretti, Ph.D.



Diana Miglioretti, Ph.D.

School of Medicine

Breast Cancer Screening

Media Contact: Stephanie Winn
stawinn@ucdavis.edu

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