



National Institutes of Health  
Office of Research on Women's Health



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Dr. Nelson has expertise in clinical epidemiology and population health, screening and prevention, women's health, and health care guidelines and delivery. Her work connects research and clinical practice through methods of systematic review, clinical guideline development, and evidence-based health care. Dr. Nelson has led nearly 100 systematic reviews and meta-analyses for the U.S. Preventive Services Task Force, the Health Resources and Services Administration-sponsored Women's Preventive Services Initiative, the Agency for Healthcare Research and Quality, the U.S. Department of Veterans Affairs, and other partners for over 20 years, including a review published last year for NIH on achieving health equity for preventive services. This work has led to clinical practice guidelines, health policies, and coverage decisions affecting millions of Americans, including innovative recommendations on contraceptive care and screening for breast cancer, domestic violence, osteoporosis, newborn hearing, and anxiety.

Dr. Nelson's previous work as a medical director for women's health and cancer prevention and screening in a large multi-state health system included developing patient data registries and planning, implementing, and evaluating health care programs and practices across the system. She has served on influential national panels, including the Institute of Medicine's Committee on Prevention Services for Women, the National Cancer Institute's PROSPR Committee, and NIH advisory committees.