



Rosana Weldon, PhD, MPH



Dr. Rosana Hernandez Weldon is an Associate Specialist faculty member in the Office of Public Health Studies at the University of Hawai'i at Mānoa. She received her PhD in Environmental Health Sciences from the University of California, Berkeley, School of Public Health in 2010. Her research interests and expertise are in exposure assessment and environmental epidemiology with particular focus on women, children, and reproduction. During her career in Public Health, she has worked on various large-scale, federally-funded studies including: a 20-year longitudinal birth cohort study of primarily Mexican-American women and children exposed to pesticides in the Salinas Valley, CA; a Superfund study of the associations of nutrients in semen and genetic endpoints measured in the sperm of healthy men; and an occupational health study of the genetic effects of benzene measured in both sperm and blood of Chinese men. She has also led or contributed to several other studies including: a study of possible leaching potential of phthalates and other materials from plastics to mothers' milk and a study of health effects in women and children who resided in the Mid-Ohio Valley and were exposed to perfluoroalkyl acids (PFAAs) in drinking water. Her recent work at the University of Hawai'i (UH) has included a project with the Hawai'i Department of Health to examine state-wide health inequities. She has also been working with community organizations to determine potential health effects of pesticides in agricultural communities across Hawai'i. Lastly, she is an advisor to the UH Red Hill Health Registry Working Group.

Dr. Weldon's three children and two large dogs keep her busy.