Deborah Hall Bennett, M.S., Ph.D.

Clinical Interests

Dr. Bennett's research focuses on the measurement and modeling of organic compounds in the indoor environment, an area of great importance from a health perspective. Compounds of interest include particulate matter, volatile and semi- volatile organic compounds. Ultimately, the goal of her work is to develop tools to help policy makers reduce our exposure, and subsequent health effects, to pollutants in the environment.

She accomplishes her work through two primary means, by advancing exposure science through her own projects, as well as by working to support environmental epidemiology projects conducted by others. Her current work focuses on childhood asthma, autism, and rapid evaluation of exposure in indoor environment.

Title

Associate Professor

Specialty

Environmental Health, Public Health Sciences-Division of Epidemiology

Department

Public Health Sciences

Division

Epidemiology

Address/Phone

UC Davis School of Medicine - Medical Sciences 1C, Suite 118 Davis, CA 95616

Education

M.S., UC Berkeley, Berkeley, California, 1996

Ph.D., UC Berkeley, Berkeley, California, 1999

B.S., UCLA, Los Angeles, California, 1993

Professional Memberships

American Chemical Society

International Society of Exposure Science

Honors and Awards

Student Presentation Award, Society for Risk Assessment, 1998

Select Recent Publications

Moran R, Bennett DH, Tancredi D, Wu XM, Ritz B, Hertz-Picciotto I. Frequency and Longitudinal Trends of Household Care Products Use. Atmospheric Environment 2012; 55:417-424.

Shin HM, McKone T, Bennett DH. Intake Fraction for the Indoor Environment: A Tool for Prioritizing Indoor Chemical Sources. Environmental Science Technology 2012; 46(18): 10063-72.

Wu XM, Apte MG, Bennett DH. Indoor Particle Level in Small and Medium Sized Commercial Buildings. Environmental Science Technology 2012; Epub.

Wu, X., Apte, M., Maddalena, R., Bennett, DH. Volatile Organic Compounds in Small ? and Medium-Sized Commercial Buildings in California. Environ. Sci. Technol 2011; 45(20):9075-

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Dodson, R.E., J.I. Levy, J.D. Spengler, J.P. Shine, and D.H. Bennett. Influence of Basements, Garages, and Common Hallways on Indoor Residential Volatile Organic Compound Concentrations. Atmospheric Environment 2008; 42(7):1569-1581.
Loh MM, Levy JI, Spengler JD, Houseman EA, Bennett DH. Ranking Cancer Risks of Organic Hazardous Air Pollutants in the United States. Environmental Health Perspectives 2007; 115(8): 1160-1168.
D.H. Bennett and E.J. Furtaw, Jr., Fugacity-Based Indoor Residential Pesticide Fate Model, Environmental Science and Technology 2004; 38:2142-2152.
Bennett, D.H., McKone, T.E., Evans, J.S., Nazaroff, W.W., Margni, M.D., and Jolliet, O., Defining Intake Fraction, Environmental Science and Technology 2002; 36:206A-211A.

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