

<b>Name:</b> Michael Bates	<b>Position Title(s):</b> Adjunct Professor, Epidemiology & Environmental Health Sciences Divisions
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## EDUCATION/TRAINING

Institution & Location	Degree	Year	Field of Study
U. of Canterbury, N. Zealand	BSc(Hons)	1972	Chemistry
U. of Surrey, England	MSc	1975	Toxicology
UC, Berkeley	MPH	1989	Environ. Health Sciences
UC, Berkeley	PhD	1991	Epidemiology

## Positions

2003-present – UC Berkeley School of Public Health Epidemiology & EHS Divisions (Adjunct Professor)

2005-present – UC Berkeley School of Public Health Global & Environment Program (Associate Director)

## Current Professional Memberships & Affiliations

International Society for Environmental Epidemiology

## Service

2010-present. Director STEER summer undergraduate research internship program

2008-present. Director of the Targeted Research Training (TRT) Program, Northern California Education and Research Center.

## Recent Publications

- Lakshmi PV, Viridi N, Sharma A, Tripathy JP, Smith KR, **Bates MN**, Kumar R, Household air pollution and stillbirths in India: Analysis of the DLHS-II National Survey, Environmental Research. 2013;121:17-22.
- Epstein MB, **Bates MN**, Arora NK, Balakrishnan K, Jack DW, Smith KR. Household fuels, low birth weight, and neonatal death in India: The separate impacts of biomass, kerosene, and coal. International Journal of Hygiene and Environmental Health. 2013; 216:523-32.
- Bates MN**, Garrett N, Crane J; Balmes J. Associations of Ambient Hydrogen Sulfide Exposure with Self-Reported Asthma and Asthma Symptoms. Environ Research. 2013;122:81-87.
- Bates MN**, Chandyo RK, Valentiner-Branth P, Pokhrel AK, Mathisen M, Basnet S, Shrestha PS, Strand TA, Smith KR. Childhood acute lower respiratory infection and household fuel use in Bhaktapur, Nepal. Environ Health Persp. 2013;121(5):637-42.
- Dauphine D., Smith AH, Yuan Y, Balmes J, **Bates MN**, Steinmaus C. Case-Control Study of Arsenic in Drinking Water and Lung Cancer in California and Nevada. Int J Env Res Pub Health. 2013;10(8):3310-24.
- West S, **Bates MN**, Lee J, Schaumberg D, Lee D, Adair-Rohani H, Chen DF, Araj H. Is Household Air Pollution a Risk Factor for Eye Disease? Int J Env Res Pub Health. 2013; 10(11):5378-98.
- Reed BR, Garrett N, Crane J, **Bates MN**. Chronic Ambient Hydrogen Sulfide Exposure and Cognitive Function. Neurotox Teratol. 2014; 42:68-76.
- Gordon SB, Bruce NG, Grigg J, Hibberd PL, Kurmi OP, Lam KB, Mortimer K, Asante KP, Balakrishnan K, Balmes J, Bar-Zeev N, **Bates MN**, Breyse PN, Buist S, Chen Z, Havens D, Jack D, Jindal S, Kan H, Mehta S, Moschovis P, Naeher L, Patel A, Perez-Padilla R, Pope D, Rylance J, Semple S, Martin WJ 2nd. Respiratory risks from household air pollution in low and middle income countries. Lancet Respir Med. 2014;2(10):823-860.
- Pokhrel AK, **Bates MN**, Acharya J, Valentiner-Branth P, Chandyo RK, Shrestha PS, Raut AK, Smith KR. PM2.5 in household kitchens of Bhaktapur, Nepal, using four different cooking fuels. Atmospheric Environment. 2015; 113:159–168.
- Bates MN**, Crane J, Balmes JR, Garrett N. Investigation of hydrogen sulfide exposure and lung function, asthma and chronic obstructive pulmonary disease in a geothermal area of New Zealand. PLoS One. 2015;10(3):e0122062.
- Balakrishnan K, Sambandam S, Ghosh S, Mukhopadhyay K, Vaswani M, Arora NK, Jack D, Pillarisetti A, **Bates MN**, Smith KR. Household Air Pollution Exposures of Pregnant Women Receiving Advanced Combustion Cookstoves in India: Implications for Intervention. Ann Global Health. 2015; 81; 375–385