

Yale SCHOOL OF PUBLIC HEALTH

Environmental Health Sciences

SEMINAR

Exposure Biography: Using External Measures to Map Your Chemical Exposome



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Bio: Dr. Pollitt is a chemical engineer with interdisciplinary training in exposure science and environmental epidemiology. She received her MSc in Chemical Engineering and Applied Chemistry from the University of Toronto, Canada in 2007 and her PhD in Environmental Toxicology from the King's College London, UK in 2012. She joined the faculty of Environmental Health Science at the Yale School of Public Health in 2018.

Dr. Pollitt's research explores the human exposome through characterization of environmental and biological samples using analytical and mass spectrometry (MS) techniques. Her group has developed various mass spectrometry (ICP-MS, LC-MS and GC-MS) to measure exposure to complex mixtures of trace elements and organic compounds. She has applied these exposure assessment methods in numerous epidemiological studies, including the MUDHRA study in India, the study of environmental factors in placental pathology in Canada, the Shunyi Birth Cohort in China, the VHEMBE Birth Cohort in South Africa, the Pioneer Valley Asthma Coalition in Springfield USA and many others.

12:00 p.m. Wednesday, September 18, 2019
LEPH 101, 60 College Street
Pizza lunch will be served upon entering the seminar
