Indoor Exposure to Fine PM… Workshop speakers and bios

April 28. *Mitigation of Indoor Exposure to Fine Particulate Matter*

Jeffrey Siegel, PhD, is Professor of Civil Engineering at the University of Toronto and a member of the university's Building Engineering Research Group. He holds joint appointments at the Dalla Lana School of Public Health and the Department of Physical & Environmental Sciences. Dr. Siegel is a Fellow of the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) and a member of the Academy of Fellows of the International Society of Indoor Air Quality and Climate (ISIAQ). His research interests including healthy and sustainable buildings, ventilation and indoor air quality in residential and commercial buildings, control of indoor particulate matter, the indoor microbiome, and moisture interactions with indoor chemistry and biology. Dr. Siegel earned a BSc from Swarthmore College and an MS and PhD in Mechanical Engineering from the University of California, Berkeley.

Elliott Gall, PhD, is an Assistant Professor in the School Mechanical & Materials Engineering at Portland State University. Dr. Gall's research and teaching investigates phenomena in built environments that affect indoor and urban environmental quality. He leads PSU's Thermal and Fluid Science Group, which seeks to develop new approaches that improve building sustainability through an understanding of the intersection of building energy use, indoor air quality, and occupant well-being. Dr. Gall earned an MS in Environmental and Water Resources Engineering and a PhD in Civil Engineering from The University of Texas at Austin.

Brett C. Singer, PhD, is the Head of the Sustainable Energy and Environmental Systems Department and co-lead of the Indoor Environment Group in the Energy Technologies Area of Lawrence Berkeley National Laboratory. Dr. Singer has conceived, conducted, and led research studies of air pollutant emissions and physical-chemical processes in both outdoor and indoor environments, aiming to understand real-world processes and systems that affect air pollutant exposures. A major focus of Dr. Singer's work has been high performance homes, with the goal of accelerating new building standards and retrofits to improve energy performance, resilience, and indoor environmental conditions. His research also addresses low-energy systems for filtration, smart ventilation, and mitigation approaches to indoor pollutant sources including cooking. Dr. Singer earned a PhD in Civil and Environmental Engineering from the University of California, Berkeley.

Stuart Batterman, PhD, is a Professor in Environmental Health Sciences as well Global Public Health at the University of Michigan, School of Public Health. Dr. Batterman's research and teaching interests address environmental impact assessment, human exposure and health risk assessment, and environmental management, involving both theoretical work and applied laboratory and field studies. He is particularly interested in improving exposure measures that can be used in risk assessments and epidemiological studies; measuring toxic compounds, including volatile organic compounds found as pollutants in drinking water, ambient and indoor air, and statistical and modeling methods that can be used to interpret and extend available measurements. His research is applied to such issues as ambient and indoor air quality, environmental epidemiology, policy analysis, environmental engineering, environmental justice, and life cycle analysis. Dr. Batterman earned a BS in Environmental Sciences from Rutgers University, and an MS and PhD in Water Resources and Environmental Engineering from the Massachusetts Institute of Technology.

Lindsay T. Graham, PhD, is a Research Specialist at the Center for the Built Environment (CBE) at the University of California, Berkeley. Dr. Graham is a psychometrician and personality and social psychologist who specializes in the assessment of individuals in their daily environments and person-environment fit. Her research explores the ways in which human behaviors and personality influence the indoor air quality of an environment, and the subsequent physical and mental health consequences that result from these building-occupant interactions. She is working on ways to enhance assessment of human-building interactions, specifically through CBE's Occupant Indoor Environmental Quality Survey, a web-based tool that quantifies how buildings are performing from the perspective of the occupants. Dr. Graham earned a PhD in Personality and Social Psychology from The University of Texas at Austin.

Sarah Coefield, MS, MA, is an Air Quality Specialist with the Missoula City-County Health Department. As a public health practitioner she works to prepare the public for air pollution events through studies, communication, planning and direct interventions. She has lectured on the topic of Wildfire Smoke-Ready Communities at multiple conferences, workshops and webinars in the United States and Canada, including a 2018 International Association of Wildland Fire conference, a 2018 Northwest Center for Public Health Practice Hot Topics In Practice webinar, the 2019 Health Effects Institute Annual Conference, a 2019 American Thoracic Society workshop, a 2019 Air & Waste Management Association conference, and a 2019 British Columbia Lung Association conference. Ms. Coefield has been a part of the Air Quality Program at the health department since 2010. She runs lead on smoke management, wildfire smoke response, and oxygenated fuels and also works on large projects, such as the PM_{10} Redesignation Request and the Carbon Monoxide Limited Maintenance Plan.