

**HEI Annual Conference
May 5–7, 2019
Seattle, Washington**

Poster Presenters (preliminary list)

Epidemiological Studies

Health Effects of Air Pollution at Low Ambient Concentrations

Michael Brauer, University of British Columbia, Vancouver, Canada

Identifying the shape of the association between long-term exposure to low levels of ambient air pollution and the risk of mortality: An extension of the Canadian Census Health and Environment Cohort using innovative data linkage and exposure methodology

Bert Brunekreef, Utrecht University, Utrecht, the Netherlands

Mortality and morbidity effects of long-term exposure to low-level PM_{2.5}, black carbon, NO₂, and O₃: An analysis of European cohorts

Francesca Dominici and Antonella Zanobetti (co-PIs), Harvard T.H. Chan School of Public Health, Boston, MA
Assessing adverse health effects of long-term exposure to low levels of ambient pollution

Health Effects of Ambient Air Pollution on Susceptible Populations

Jane Clougherty, Drexel University Dornsife School of Public Health, Philadelphia, PA
Susceptibility to multiple air pollutants in cardiovascular disease

Mònica Cuxens, Barcelona Institute for Global Health (ISGlobal), Barcelona, Spain

Air Pollution, Autism spectrum disorders, and brain imaging amongst Children in Europe — the APACHE project

Marie Pedersen, University of Copenhagen, Denmark

Impact of exposure to air pollution on asthma: A multi-exposure assessment

Health Effects of Traffic-Related Air Pollution and Noise

Payam Dadvand and Jordi Sunyer (co-PIs), Barcelona Institute for Global Health (ISGlobal), Barcelona, Spain
Traffic-related air pollution and birth weight: The roles of noise, placental function, green space, physical activity, and socioeconomic status (FRONTIER)

Meredith Franklin, University of Southern California, Los Angeles

Intersections as hot spots: Assessing the contribution of localized non-tailpipe emissions and noise on the association between traffic and children's health

Ole Raaschou-Nielsen, Danish Cancer Society Research Center, Copenhagen, Denmark

Health effects of air pollution components, noise, and socioeconomic status (“HERMES”)

Global Health

Michael [Brauer](#), University of British Columbia, Vancouver, Canada, and Randall [Martin](#), Dalhousie University, Halifax, Canada (co-PIs)

Global Burden of Disease–Major Air Pollution Sources: A GLOBAL approach

Pallavi [Pant](#), Health Effects Institute

Contribution of household air pollution to ambient air pollution in Ghana: Using available evidence to prioritize future action

Allison [Patton](#), Health Effects Institute

Impacts of shipping on air pollutant emissions, air quality, and health in Yangtze River Delta/Shanghai, China

Roel [Vermeulen](#), Utrecht University, the Netherlands

Long-term outdoor air pollution and cause-specific mortality in a pooled analysis of 23 Asian cohorts

HEI Reviews of the Scientific Literature

Hanna [Boogaard](#), Health Effects Institute

Systematic review on the Health Effects of long-term exposure to traffic-related air pollution

Donna [Vorhees](#) and Anna Rosofsky, Health Effects Institute

Review of the literature on potential exposures and health effects from unconventional oil and gas development

Improving Assessment of Exposure to Traffic-Related Air Pollution

Joshua [Apte](#), University of Texas, Austin

Scalable multipollutant exposure assessment using mobile monitoring platforms

Petros [Koutrakis](#), Harvard T.H. Chan School of Public Health, Boston, MA

Chemical and physical characterization of non-tailpipe and tailpipe emissions at 100 locations near major roads in the Greater Boston area

Ozone and Particulate Matter Mechanisms

Kymerly [Gowdy](#), East Carolina University, Greenville, NC

Sex differences in pulmonary eicosanoid metabolism in response to ozone exposure

Manabu [Shiraiwa](#), University of California, Irvine

Formation of reactive oxygen species by organic aerosols and transition metals in epithelial lining fluid

Potential Benefits of Air Quality Improvements

Amir [Hakami](#), Carleton University, Ottawa, Canada

Quantifying marginal societal health benefits of transportation emission reductions in the United States and Canada

Ying-Ying [Meng](#), University of California, Los Angeles

Improvements in air quality and health outcomes among California Medicaid enrollees due to goods movement actions (Phase II Health Effects Study)