

## Meeting Rates

HOTEL NOT INCLUDED. For U.S. Government rates, please contact Robert Shavers at HEI. For student rates, see below.

### Full Conference

**Sunday through Tuesday \$750**

Includes all meals & breaks, Sunday lunch through Tuesday lunch, except Monday dinner

### Single Day

**Sunday \$300**

Includes lunch, breaks, reception, & dinner

**Monday \$300**

Includes breakfast, breaks, and lunch

**Tuesday \$300**

Includes breakfast, breaks, and lunch

### Students and Postdocs

Apply for the Student and Postdoc Travel Award at [www.healtheffects.org/announcements/student-and-postdoc-travel-award-2019-annual-conference](http://www.healtheffects.org/announcements/student-and-postdoc-travel-award-2019-annual-conference).

Student and Postdoc rates are \$300 for the full conference and \$100 for a single day (includes meals, reception, and breaks as above). Must be full-time and currently enrolled. Bring ID to the conference to collect your registration package.

### Further Information

Robert Shavers, Health Effects Institute  
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Telephone +1-617-488-2308 • Fax +1-617-488-2335  
[rshavers@healtheffects.org](mailto:rshavers@healtheffects.org)

### Registration and Program Updates

Obtain registration materials and program information online at [www.healtheffects.org/annual-conference](http://www.healtheffects.org/annual-conference). The posted program and schedule are updated regularly.

### Accommodations

HEI's special group rate at the W Seattle Hotel is \$219 plus tax, for a single or double room. Please book your room by **April 3, 2019**, online at [www.healtheffects.org/annual-conference](http://www.healtheffects.org/annual-conference). Guests can also call (877) 946-8357 and mention the **HEI Annual Conference at W Seattle** to obtain the group rate.

## HEI Annual Conference 2019



Health Effects Institute  
75 Federal Street, Suite 1400  
Boston, MA 02110-1817, USA

**PLEASE DISTRIBUTE**

# HEALTH EFFECTS INSTITUTE

## ANNUAL CONFERENCE

May 5–7, 2019  
The W Hotel  
Seattle, Washington



*The Health Effects Institute is an independent, non-profit research organization that, for 39 years, has provided decision makers with high-quality, impartial, and relevant science on the health effects of air pollution. Its core support is provided jointly by the U.S. Environmental Protection Agency and the motor vehicle industry; additional support is contributed by a range of domestic and international industries, governments, foundations, and development agencies. An overview of HEI, information on its current research program, and all published HEI reports are available for downloading, free of charge, at [www.healtheffects.org/publications](http://www.healtheffects.org/publications).*



# HEALTH EFFECTS INSTITUTE Annual Conference 2019

## SUNDAY, MAY 5

**10:00 AM Registration Opens**

**1:00 PM New Mobility: Changing Health?**

*Chairs: David Foster, University of Wisconsin, Madison, and Frank Kelly, King's College London, United Kingdom*

Mobility systems are undergoing a paradigm shift and have the potential to significantly change the way people travel. Rideshare businesses are expanding, and innovations and investments in electric and autonomous vehicles are increasing. In response, the relationship between transportation and air quality is also expected to change, but the actual path that change will take is not yet known. This session will explore the likely impact of emerging mobility trends on current and future air quality and health.

**4:15 PM Poster Session I**

**6:00 PM Opening Reception, Dinner, and Keynote Speaker (TBD)**

**May 5–7, 2019**

**The W Hotel  
Seattle, Washington**

**Health Effects Institute**

[www.healtheffects.org/annual-conference](http://www.healtheffects.org/annual-conference)

## MONDAY, MAY 6

**8:00 AM Health Effects of Early-Life Exposure to Air Pollution**

*Chairs: Barbara Hoffman, University of Düsseldorf, Germany, and David Savitz, Brown University*

Evidence for potential impacts of prenatal and early-life air pollution exposure on health is rapidly increasing, and some birth outcomes are currently being considered for inclusion in Global Burden of Disease estimates. This session will provide an overview of the state of knowledge on various birth and other childhood health outcomes, consider methodologic issues unique to this topic, and discuss longer-term consequences of early-life exposures for adult health.

**10:30 AM Poster Session 2**

**1:15 PM Global Health: Building Science for Informed Action**

*Chairs: Kiros Berhane, University of Southern California, and TBD*

In regions where air pollution levels are high, local data on exposures, sources, and related health effects are often limited. While current health burden estimates draw primarily from studies conducted in North America and Europe, efforts are underway to generate locally relevant air quality and health data in developing countries. This session will explore data, methods, and technology developments to characterize air pollution and its sources and health effects in these countries.

**3:30 PM Where There's Wildfire, There's Smoke**

*Chairs: Jennifer Peel, Colorado State University, and Allen Robinson, Carnegie Mellon University*

Wildfire smoke is increasingly recognized as an important source of air pollution, and frequency and intensity of wildfires are likely to increase with climate change. Wildfires and wildfire smoke composition are complex and dynamic, making exposure characterization difficult. Increasing evidence links air pollution from wildfire smoke to adverse health effects, in particular respiratory morbidity. This session will explore perceptions and realities about wildfires and their global impacts.

**5:30 PM Free Evening**

## TUESDAY, MAY 7

**8:30 AM How Low? Testing Health Effects at the Lowest Levels of Air Pollution**

*Chairs: Amy Herring, Duke University, and Sverre Vedal, University of Washington, Seattle*

Although ambient air pollution levels are declining in high-income regions, epidemiological studies report associations with health effects at levels below current standards, raising questions about even lower standards. HEI is in the midst of funding three studies investigating the health effects of low-level exposure in very large populations in the United States, Canada, and Europe. This session will present the results currently available from those studies and their strengths and weaknesses identified by an independent HEI Review Panel, and discuss implications for future risk assessment and regulation.

**12:00 PM The HEI Strategic Plan 2020–2025**

*Chairs: Dan Greenbaum, HEI, Robert O'Keefe, HEI, and Rashid Shaikh, HEI*

The Institute's draft blueprint for the future, the HEI Strategic Plan 2020–2025, will be presented and discussed. Conference participants are encouraged to suggest and comment on upcoming policy decisions for which enhanced science will be needed and on priorities for HEI's research programs and other activities during the next five years.

**1:30 PM Conference Adjourns**

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Note: This is a preliminary program. The timing and order of the sessions are subject to change.