



# AIR POLLUTION AND LIFECOURSE NEUROLOGICAL IMPACTS

October 2, 2018  
9:00 am – 4:45 pm

CalEPA Building, 1001 I St., Sacramento, CA  
Sierra Hearing Room

## AGENDA

Morning Session

### Impacts of Early-Life Exposure to Air Pollution on Neurodevelopment

9:00	<b>Welcome: Lauren Zeise, PhD</b>   Director, Office of Environmental Health Hazard Assessment, California EPA
9:15 - 9:35	<b>Ted Schettler, MD, MPH</b>   Science Director, Science and Environmental Health Network <i>An Ecologic Approach to Health and Disease</i>
9:35 - 10:10	<b>Deborah Cory-Slechta, PhD</b>   Professor, University of Rochester Medical Center <i>Developmental Neurotoxicity of Ambient Ultrafine Particles: Parallels with Neurodevelopmental Disorders</i>
10:10 - 10:45	<b>Irva Hertz-Picciotto, PhD</b>   Professor, University of California, Davis <i>Early life exposures to air pollution and the risks for autism</i>
10:45 – 11:00	<b>BREAK</b>
11:00-11:35	<b>Frederica Perera, DrPH, PhD</b>   Professor, Columbia University <i>Prenatal exposure to combustion-related air pollutants and cognitive/behavioral dysfunction in children</i>
11:35 – 12:10	<b>Maria Harris, PhD</b>   Environmental Epidemiologist, Environmental Defense Fund <i>Early life exposure to ambient air pollution and cognitive function</i>
12:10 – 12:30	<b>Panel Discussion</b>   speakers
12:30 – 1:45	<b>LUNCH</b>

Afternoon Session

## Lifecourse Exposure to Air Pollution and Neurocognitive Decline

1:45	<b>Sam Goldman, MD, MPH</b>   Associate Professor, University of California, San Francisco <i>The role of early life environmental exposures in late life neurodegenerative disorders</i>
2:20	<b>JC Chen, MD, MPH, ScD</b>   Associate Professor, University of Southern California <i>Influence of ambient air pollution on brain health trajectories during development and aging: an environmental neurosciences perspective</i>
2:55	<b>BREAK</b>
3:10	<b>Staci Bilbo, PhD</b>   Associate Professor, Harvard University <i>Prenatal inflammation by combined environmental stressors persistently alters microglial phenotype and behavior in male but not female mice</i>
3:45	<b>Marc Weisskopf, PhD, ScD</b>   Professor, Harvard University <i>Particulate Matter Air Pollution: Neurological and Psychiatric Dysfunction</i>
4:20	<b>Panel Discussion</b>   speakers plus invited respondents
4:45	<b>ADJOURN</b>