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**Personal
Exposure to
Indoor Air
Pollutants – Are
You to Blame, or is
it the Building’s
Fault?**

**Monday
October 15, 2018**
103 Churchill Hall
12:00 PM

Abstract: The average U.S. adult spends 69% of their time at home, and 18% in other indoor locations. We like to think of the buildings where we live and work as a healthy environments. However, ventilation will bring outdoor air pollutants indoors. In addition, there are sources commonly found indoors that generate a number of air pollutants.

Using personal monitors, it has been shown that a person’s exposure to certain indoor air pollutants can be up to 10 times as high as the measured “average” indoor concentrations. In this talk, I will examine the role of factors ranging from human behavior to the fluid mechanics of the indoor

environment in influencing the magnitude of this elevated indoor exposure.

Bio: Lynn M. Hildemann is a professor and the department chair in Civil & Environmental Engineering at Stanford University. Her current research areas include the sources and dispersion of indoor air pollutants, and assessment of human exposure to airborne particulate matter. She received BS, MS, and PhD degrees in Environmental Engineering Science from the California Institute of Technology.

This seminar is free and open to the public.

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