

Agenda
Jun 25, 2020
1:00 - 4:30 p.m. (ET)

Webinar registration: https://epawebconferencing.acms.com/june2020ciaqmeeting/event/event_info.html

Audio/Phone (toll free):

- Participants may either listen in through their computers, or,
- Participants wanting the opportunity to verbally comment or ask questions to the member agencies during the updates may call into our phone line toll-free (855) 883-8661 and provide the operator with the conference ID 3959415 when prompted.
- For international callers, international call-in numbers will be available day of event by request through webinar connection.

**This meeting will be held virtual only.

Laureen Burton EPA/IED – meeting moderator

I. Welcome, introductions and announcements

II. Updates on IAQ & IEQ activities from Federal CIAQ Member Agencies (invited)

1. DOE-Department of Energy
2. CDC – Center for Disease Control
3. NIST-National Institute of Standards and Technology

Q&A (DOE, CDC and/or NIST updates)

4. HUD- Department of Housing and Urban Development
5. EPA-Environmental Protection Agency

Q&A (HUD and/or EPA updates)

<http://www.epa.gov/indoor-air-quality-iaq/federal-interagency-committee-indoor-air-quality>

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III. Federal Member Agency Project Spotlight - HUD Grantee presentation

Topic:

Thirdhand Smoke Pollution and Exposure in Indoor Environments: Findings from Real-World Field Settings

Presenter:

Georg E. Matt, Ph.D., Professor of Psychology in the College of Sciences at San Diego State University.



Dr. Matt's research focuses on human exposure to tobacco smoke toxicants in real-world field settings and on strategies to protect nonsmokers from the exposure to tobacco smoke toxicants from secondhand and thirdhand smoke. Dr. Matt is a member of the [California Thirdhand Smoke Research Consortium](#), where he directs the Thirdhand Smoke Dissemination, Outreach, and Resource Center (thirdhandsmoke.org). Funded by the California Tobacco Related Disease Research Program (TRDRP), the Consortium is a multi-institutional and interdisciplinary effort involving research groups from the University of California San Francisco, Lawrence Berkeley National Laboratory, the University of California Riverside, San Diego State University, and the University of Southern California.

Secondhand smoke is a common indoor pollutant and the precursor of thirdhand smoke (THS), the toxic mixture of tobacco smoke residue that accumulates in indoor environments where tobacco has been used. THS is known to persist long after tobacco has been smoked and has been found in numerous indoor environments with current smoking bans, including private homes, used cars, hotels, rental cars, a casino, a movie theater, neonatal intensive care unit, and hands of nonsmoking adults and children. This presentation will review research on THS pollution and exposure in different real-world field settings, including a recently published study of N=220 dwellings in low-income multiunit housing in San Diego, California, funded by HUD's Healthy Homes Technical Studies Grants Program.

IV. IAQ Area of Interest Presentation

Topic:

Impacts of Building Airflows on the Fate and Transport of Indoor aerosols, and HVAC recommendations for re-opening buildings

Presenter(s):

Andrew Persily, Ph.D., Chief, Energy and Environment Division, Engineering Laboratory, National Institute of Standards and Technology

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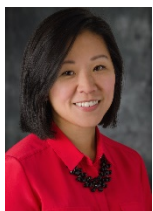
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Dr. Persily research has focused on indoor air quality and ventilation in commercial and residential buildings, including the development and application of measurement techniques to evaluate airflow and air quality characteristics in a variety of building types. He has also been with the development and application of multi-zone airflow and contaminant dispersal models.

Lisa Ng, Ph.D., Mechanical Engineer, Indoor Air Quality and Ventilation Group
National Institute of Standards and Technology (NIST).



Dr. Ng, received a Bachelors and Ph. D. from the Department of Civil and Architectural Engineering at Drexel University. Her work is focused on airflow and indoor air quality performance in buildings, with a focus on low energy buildings as well as energy efficiency design and operation strategies in general. She is active in the development of strategies for incorporating more accurate infiltration estimates in building energy models and the application of multizone airflow and indoor air quality (IAQ) models to a range of building performance issues.

These presentations will describe how building ventilation rates and other important building airflows impact the fate and transport of indoor aerosols. These airflows, specifically mechanical ventilation, infiltration and natural ventilation, and the factors that impact them will be discussed, along with the potential range of their values in both residential and commercial buildings. Strategies for reducing aerosol exposures using airflow will also be reviewed. Following that general discussion, several recent recommendations from industry groups and other authorities for using HVAC systems to reduce viral exposures will be discussed

V. Announcements and Adjournment

[Note: the meeting may end earlier than 4:30p.m.]

Next meeting scheduled for October,2020.

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