

**Agenda**  
**October 24, 2024**  
**1:00 - 4:30 p.m. (ET)**

**\*\*This meeting will be held virtual only.** Webinar registration: - <https://register.gotowebinar.com/register/6373244825749834582>

**Note:** Audio for this webinar is through the GoTo webinar system only. Once you join the webinar, you can choose to be connected to audio using your computer's microphone and speakers (VoIP), or to use your phone via the telephone number (not toll free) and pin provided.

**I. Welcome, Announcements and Introductions**

*Meeting moderator, Laureen Burton EPA/IED*

**II. Updates on IAQ & IEQ activities from Federal CIAQ Member Agencies**

*NOTE: Please feel free to enter any questions for our Agency Presenters into the chat at any time during updates.*

1. DOE - Department of Energy - *Chris Early*
2. NIST - National Institute of Standards and Technology – *Lisa Ng*
3. HUD - Department of Housing and Urban Development – *Brenda Reyes*
4. EPA - Environmental Protection Agency – *David Rowson*

**Q&A** (DOE, NIST, HUD, EPA)

**III. IAQ Area of Interest Presentation**

*NOTE: Please feel free to enter any questions for our Area of Interest presenters into the chat at any time during updates.*

**Topic:**

**Air Quality Considerations for Emerging Air Cleaning Technologies**

In the wake of the COVID-19 pandemic, a variety of air cleaning technologies have emerged that chemically transform indoor air to improve indoor air quality, but sometimes these technologies can also generate unintended and undesirable air by-products (for example ozone, particulate matter, and formaldehyde). This presentation will discuss results of chamber tests demonstrating variable levels of efficacy and relate the observed by-product formation to chemical mechanisms specific to the air cleaning technology. Using the installation of one technology, 222 nanometer germicidal ultraviolet light, in an unoccupied restroom as a case study, the study demonstrates that emissions in real-world spaces can interact with this emerging air cleaning technology to produce undesirable impacts on indoor air quality that *should be* considered along with any possible benefits.

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

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**Presenter:**



**Dr. Michael Link, Chemist, National Institute of Standards and Technology**

For over a decade, Dr. Link has studied air quality and how emissions from anthropogenic and biogenic sources chemically react in the atmosphere to form air pollutants. Through his research he has had the privilege of taking advanced chemical sensors into field settings to observe how emissions from forests are changing in response to a changing climate and urban development, identify the primary sources of haze pollution in South Korea, and how wildfires could impact indoor air quality. Since coming to NIST in 2021, he has measured unintended air by-product emissions from air cleaning technologies in support of the development of a standard test method for assessing safety and efficacy of air cleaners.

**IV. Closing Announcements and Adjournment** [Note: the meeting may end earlier than 4:30 p.m.]  
Next meeting is scheduled for February 2024.

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