

# 2024

## Wastewater Disease Surveillance Summit

August 12 & 13 / In person and online  
Atlanta AMA Conference Center / Zoom



### DAY 1

Monday, August 12, 2024

8:30 a.m. – 5:15 p.m. EDT

8:30 a.m. Welcome

8:40 a.m. Keynote

8:50 a.m. Technical Session with Invited Presentations

*Did Someone Say Upstream? A Deep Dive into Subsewershed Sampling*

*Moderated by Smiti Nepal, Environmental Protection Agency*

- Justification for subsewershed targets | Alyse Kittner, Chicago Department of Public Health
- Adjusting subsewershed sample collection strategies for different targets | Lauren Stadler, Rice University
- Practical considerations for upstream sampling | Ed Oh, University of Nevada, Las Vegas
- Dual benefits of upstream sampling for utilities | Scott Bessler, Metropolitan Sewer District of Greater Cincinnati
- Aircraft and airport sampling | Cindy Friedman, Centers for Disease Control and Prevention

10:20 a.m. Networking and Coffee Break

10:45 a.m. Panel Discussion

*What We've Learned About Subsewershed Sampling*

*Moderated by Zuzana Bohrer, Ohio Department of Health*

- Four panelists discuss their perspectives on the value of subsewershed sampling and discuss the associated challenges, such as ethics, cost, and logistical complexity
  - Katherine Graham, Georgia Tech University
  - Natalie Ram, University of Maryland
  - Drew Rostain, City of Tempe, Arizona
  - Kristen St. George, New York State Department of Health

12:00 p.m. Break for Lunch on Your Own

*Lunch options will be provided in the digital program*

1:15 p.m. Poster Session

*Posters will be left up for the duration of the Summit*

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### DAY 1 (continued)

Monday, August 12, 2024

8:30 a.m. – 5:15 p.m. EDT

2:15 p.m. Technical Session with Invited Presentations

*Not Everything Everywhere All at Once: In Pursuit of Laboratory Efficiencies*

*Moderated by Martin Shafer, Wisconsin State Laboratory of Hygiene*

- Solids vs. liquid analyses | Hannah Healey, Yale University
- Antimicrobial resistance targets | Wisconsin State Laboratory of Hygiene (speaker TBD)
- Ramping up targets for different sites | Brenna McGruder Rawson, Florida Department of Health
- The role of sequencing | Shannon Matzinger, Colorado Department of Public Health and Environment
- New targets from a laboratory perspective | Eric Vaughn, DC Department of Forensic Sciences

3:45 p.m. Networking Break

4:00 p.m. Panel Discussion

*What We've Learned About PCR Inhibition*

*Moderated by Jeff Wenzel, Missouri Department of Health and Senior Services*

- Four panelists discuss their experiences with inhibitory substances in wastewater and the importance of understanding conditions in the collection system
  - Errin Carter, Hampton Roads Sanitation District
  - Chung-Ho Lin, University of Missouri, Columbia
  - Rachel Noble, University of North Carolina, Chapel Hill
  - Ryan Reinke, Los Angeles County Sanitation Districts

5:15 p.m. Adjourn

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### DAY 2

Tuesday, August 13, 2024

8:30 a.m. – 3:45 p.m. EDT

8:30 a.m. Welcome

8:40 a.m. Technical Session with Invited Presentations

*One Size Doesn't Fit All: Putting Wastewater Data to Good Public Health Use*

Moderator TBD

- Working with multiple laboratories | Ben Yoakum, Orange County Utilities
- Using influenza and RSV data and communicating through dashboards | Chenhui Li, Missouri Department of Health and Senior Services
- Interpreting data for measles, mpox and other outbreaks | Ariel Christensen, North Carolina Department of Health and Human Services
- High-risk substances and analyzing non-detect values | Speaker TBD
- *Candida auris* | Alessandro Rossi, Utah Department of Health

10:10 a.m. Networking and Coffee Break

10:30 a.m. Panel Discussion

*What We've Learned About Responsive Sampling Design*

Moderated by Liam O'Rourke, New Hampshire Department of Health

- Four panelists discuss their perspectives on developing sampling programs for both endemic disease and outbreaks, and how to fill in geographic gaps
  - Amanda Feldpausch, Georgia Department of Public Health
  - Marc Johnson, University of Missouri, Columbia
  - Helen Nguyen, University of Illinois, Urbana-Champaign
  - Stacie Reckling, Centers of Disease Control and Prevention

11:45 a.m. Break for Lunch on Your Own

*Lunch options will be provided in the digital program*

1:00 p.m. Small Group Discussions

2:00 p.m. Technical Session with Invited Presentations

*Equity and Sustainability: Program Considerations over the Long Term*

Moderated by John Person, Centers for Disease Control and Prevention

- Engaging tribal communities | Rachel West, Centers for Disease Control and Prevention
- Standardization of data | Alex Yu, California Department of Public Health
- Pandemic preparedness | Speaker TBD
- Public perception of wastewater surveillance programs | Rochelle Holm, University of Louisville

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## DAY 2 (continued)

Tuesday, August 13, 2024

8:30 a.m. – 3:45 p.m. EDT

3:15 p.m.      *Closing Presentation: The Future of the National Wastewater Surveillance System* | Amy Kirby, Centers for Disease Control and Prevention

3:45 p.m.      Adjourn

**Please note this draft agenda was last updated on June 10, 2024. It is subject to change and will continue to be updated as needed.**

DRAFT