

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

8:45 a.m. Technical Session with Invited Presentations

Did Someone Say Upstream? A Deep Dive into Subsewershed Sampling

- Justification for subsewershed targets
- Adjusting subsewershed sample collection strategies for different targets
- Practical considerations for upstream sampling
- Dual benefits of upstream sampling for utilities
- Aircraft and airport sampling

10:15 a.m. Networking and Coffee Break

10:30 a.m. Panel Discussion

What We've Learned About Subsewershed Sampling

- Four panelists discuss their perspectives on the value of subsewershed sampling and discuss the associated challenges, such as ethics, cost, and logistical complexity

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

Lunch options will be provided in the digital program

1:00 p.m. Poster Session

Posters will be left up for the duration of the Summit

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

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

- Solids vs. liquid analyses
- Antimicrobial resistance targets
- Ramping up targets for different sites
- The role of sequencing
- New targets from a laboratory perspective

3:30 p.m. Networking Break

3:45 p.m. Panel Discussion

What We've Learned About PCR Inhibition

- Four panelists discuss their experiences with inhibitory substances in wastewater and the importance of understanding conditions in the collection system

5:00 p.m. Closing Presentation

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

8:45 a.m. Technical Session with Invited Presentations

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

- Working with multiple laboratories
- Using influenza and RSV data and communicating through dashboards
- Interpreting data for measles, mpox and other outbreaks
- High-risk substances and analyzing non-detect values
- *Candida auris*

10:15 a.m. Networking and Coffee Break

10:30 a.m. Panel Discussion

What We've Learned About Responsive Sampling Design

- Four panelists discuss their perspectives on developing sampling programs for both endemic disease and outbreaks, and how to fill in geographic gaps

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

- Engaging tribal communities
- Standardization of data
- Pandemic preparedness
- Public perception of wastewater surveillance programs

3:15 p.m. Closing Presentation

3:45 p.m. Adjourn

Please note this draft agenda is subject to change and will be updated when finalized.