

APHL[®] 2022

Where Laboratory Science and Public Health Meet



May 17–20, 2022 • Cleveland, OH • Huntington Convention Center

Conference Highlights

The APHL Annual Conference, a hybrid event for the public health laboratory community, brings together more than 700 leaders, scientists, influencers and partners to share issues, trends and best practices driving laboratory science and public health today.

Session topics explore public health laboratory issues, trends and technologies relative to COVID-19 and other emerging infectious diseases, environmental health, emergency preparedness, quality systems and safety, informatics, food safety, newborn screening, global health and more.

Attendees in Cleveland will enjoy live sessions and roundtables, networking opportunities, receptions, events such as the Dr. Katherine Kelley Distinguished Lecture and the Annual Awards Ceremony, and 100+ scientific posters and 50+ exhibitors.

Virtual attendees will have the opportunity to watch and participate in many live sessions from wherever they are, view all sessions as recordings, and visit posters and exhibit booths on the website.

Interaction between in-person and virtual attendees will be encouraged for a well-rounded, dynamic and valuable experience!

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This year's event is hybrid, featuring both in-person AND virtual experiences!

In-Person Attendee Benefits

- 40+ sessions
- 50+ exhibitors
- Live networking
- Receptions and events
- P.A.C.E.[®] and CPH CEUs
- Registration bag and other special giveaways
- Seeing friends and colleagues
- All the fun of Cleveland!

Virtual Attendee Benefits

- Many live-streamed sessions with chat and Q&A
- 40+ recorded sessions
- Virtual posters and exhibitor booths
- P.A.C.E.[®] and CPH CEUs
- Raffle and virtual scavenger hunt

Registration

Advanced registration through APHL is required. Visit www.aphl.org/AC. For questions contact Terry Reamer at 240.485.2776 or terry.reamer@aphl.org.

	In-person	Virtual
APHL Member:	\$650	\$550
Non-member:	\$795	\$600
Student:	\$200	\$200

A **group discount** is offered for virtual attendees from member public health laboratories.

COVID-19 Protocols

As a public health organization, APHL feels it is necessary to require full COVID-19 vaccination and mask-wearing at the APHL 2022 Annual Conference for all in-person attendees, vendors, staff and support personnel. Please bear this in mind before registering for this meeting.

Meeting Location and Hotel

Huntington Convention Center

300 Lakeside Ave
Cleveland, OH 44113

Hilton Cleveland Downtown Hotel

100 Lakeside Ave East
Cleveland, OH 44114
216.413.5000

APHL 2022 will be held at the Huntington Convention Center in downtown Cleveland, OH. The headquarters hotel is the Hilton Cleveland Downtown Hotel, which is attached to the Huntington Convention Center. Both are located on the lakefront within easy walking distance of numerous restaurants and shops.

The conference sleeping room rate is \$189 (plus tax) per night for a single or double at the Hilton. There are a very limited number of rooms at the federal per diem rate of \$137. Reservations are available on a first come, first served basis. This rate is valid until April 25, 2022 or until the block is filled. Reservation details will be announced in late January.

Continuing Education Credits

APHL is an approved provider of continuing education programs in the clinical laboratory sciences through the American Society of Clinical Laboratory Science (ASCLS) P.A.C.E.® program. Attendees have the opportunity to earn up to 40 contact hours by attending in person, or viewing online, all available sessions, both live and recorded.

APHL is an approved provider of Certified in Public Health (CPH) Recertification Credits through the National Board of Public Health Examiners (NBPHE). Attendees have the opportunity to earn up to 40 contact hours by attending in person, or viewing online, all available sessions, both live and recorded.

Tour the Ohio State Public Health Laboratory

Join colleagues for an optional tour of the Ohio State Public Health Laboratory on Friday, May 20. The bus will leave the hotel at 12:30 pm and return by 6:00 pm. You must sign up for this tour at the same time as you register for the conference. Participation is limited.



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Agenda

All times are Eastern (EDT)

Please keep in mind that this schedule is a work in progress and is subject to change. It is offered for planning purposes only. The Preliminary Program, due out in February 2022, will have more details.

Monday, May 16

4:00 pm – 7:00 pm Registration

Tuesday, May 17

7:00 am – 5:30 pm Registration

8:00 am – 11:30 am Pre-Conference Workshops (TBD)
(*separate registration required*)

11:30 am – 1:30 pm Lunch Break (*on your own*)

11:30 am – 1:00 pm Laboratory Directors Lunch (*invite only*)

1:30 pm – 2:00 pm **Welcome to Cleveland**

2:00 pm – 3:00 pm **Opening Plenary Session: Continued Challenges and Evolving Solutions for US Public Health Laboratories During COVID-19 Pandemic and Beyond**

3:00 pm – 3:30 pm Poster Speed Dating Session

3:00 pm – 6:30 pm Exhibit Hall Open (*posters available for viewing*)

3:30 pm – 4:00 pm Break in the Exhibit Hall

4:00 pm – 5:00 pm **Plenary Session: Fireside Chat (TBD)**

5:00 pm – 6:30 pm **Welcome Reception** in the Exhibit Hall
Sponsored in part by Roche Diagnostics Corporation

Wednesday, May 18

7:00 am – 5:30 pm Registration

7:30 am – 8:30 am

Innovate! Sessions

- **Syndemic Approaches to Laboratory Testing for HIV-1/Hepatitis and STIs (Abbott)**
- **TBD (Hologic)**
- **TBD (Illumina)**
- **Increasing the Odds of Outpacing the Virus — How Labs are Leveraging COVID-19 Solutions (PerkinElmer)**
- **Building Your Dream Assay, Strategies for Using Your Omni Utility Channel (Roche Diagnostics Corporation)**
- **Beyond COVID (Thermo Fisher Scientific)**
- **The Lifecycle of Forever Chemicals: The Analytical Pathway for Monitoring the Impact of PFAS (Waters Corporation)**

Schedule Summary

All times are Eastern (EDT).

APHL 2022 begins with several pre-conference workshops at 8:00 am, Tuesday, May 17, followed by the **Opening Session** at 1:30 pm.

Posters will be displayed from Tuesday afternoon, May 17 through 2:00 pm on Thursday, May 19.

Exhibit Hall hours:

May 17, 3:00 pm – 6:30 pm

May 18, 10:00 am – 6:15 pm

May 19, 10:00 am – 1:30 pm

Exhibits and posters will be available online through the end of the conference.

Meeting Rooms

The exhibit hall and all the sessions, posters and food and beverage events will take place in the Huntington Convention Center.



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Wednesday, May 18 (continued)

8:30 am – 9:00 am Break

9:00 am – 10:00 am **Plenary Session: Piecing the Puzzle Together – Lab and Epi Partnerships Elucidate Alarming Trends in Opioid Overdoses**

10:00 am – 10:30 am Poster Speed Dating Session

10:00 am – 6:15 pm Exhibit Hall Open (*posters available for viewing*)

10:30 am – 11:00 am Break sponsored by Zymo Research Corp.

11:00 am – 12:00 pm **Concurrent Sessions**

- Dried Blood Spots, Beyond Newborn Screening
- Delta: Not Just a COVID Variant! Delta 8 THC and Why Public Health Should Be Concerned
- Say YES to Interoperability: Case Studies in Laboratory Efficiency
- A Real Whodunit – Finding Danger in Unusual Places

12:00 pm – 1:30 pm Lunch in the Exhibit Hall
Sponsored by Thermo Fisher Scientific

12:30 pm – 1:00 pm Poster authors available at posters

1:30 pm – 2:30 pm **Concurrent Sessions**

- Health Equity in Public Health: Newborn Screening as a Case Example
- The Juice Is Worth the Squeeze – Demonstrating the Value of State Biomonitoring Programs
- Parasites: A Cause for Concern as an Emerging Food Safety Threat
- A Hot Wash of the COVID Impact on Public Health Laboratories

2:30 pm – 3:00 pm Break in the Exhibit Hall

3:00 pm – 4:00 pm **Concurrent Sessions**

- Environmental Data Sharing: How to Play Nicely in a Great Big Sandbox
- Foodborne Disease Surveillance in Action: Lettuce Tell You a Story
- Understanding Privilege
- Power in Partnerships - SURRG Sharpens Focus to Reduce Antibiotic-Resistant Gonorrhea

4:00 pm – 4:15 pm Break in the Exhibit Hall

4:15 pm – 5:15 pm **Concurrent Sessions**

- Per- and Polyfluoroalkyl Substances (PFAS): The Promise of New Methods and Regulations to Address the Greatest Environmental Issue of Our Lifetime
- Weird Science: Unusual Cases in Infectious Diseases
- Responding to Legionella Outbreaks in the Time of Post-COVID-19 Building Re-openings
- Sequencing a Pandemic: How NGS Kept Up with the Ever-Evolving SARS-CoV-2

5:15 pm – 6:15 pm **Networking Reception** in the Exhibit Hall



Thursday, May 19

7:00 am – 6:00 pm	Registration
7:30 am – 8:30 am	Innovate! Sessions <ul style="list-style-type: none">• Leveraging a Turn-key Automated Isolate Whole Genome Sequencing (WGS) Platform to Advance Pathogen Genomics (Clear Labs)• Matrix Recovery and Fecal Normalization Controls for Wastewater Surveillance (IDEXX)• Digital PCR Applications (QIAGEN)
7:30 am – 8:30 am	Roundtable Sessions <ul style="list-style-type: none">• So Your Rad Lab Just Got Audited... Radioanalytical Techniques and Challenges in Testing Drinking Water• Working with Epidemiologists to Use NGS Data More Effectively• Hurry, Clean-Up! CLIA Is Coming Over• Teamwork Divides the Task and Multiplies the Success (ELP)
8:30 am – 9:00 am	Break
9:00 am – 10:30 am	Awards Ceremony and Breakfast <i>Sponsored by Hologic, Inc.</i>
10:00 am – 1:30 pm	Exhibit Hall Open (<i>posters available for viewing</i>)
10:30 am – 11:00 am	Break in the Exhibit Hall
11:00 am – 12:00 pm	Concurrent Sessions <ul style="list-style-type: none">• Pandemic Truth Tellers: Communicating Public Health in a “Barrage” of Misinformation• Food Chemistry, More Than Molecular Gastronomy and Mixology: Safety Response Stories• Implementing Sequencing Technologies in the Laboratory Response Network for Biological Threats Preparedness (LRN-B)• Sharpening Laboratory Tools to Combat Antimicrobial Resistance
12:00 pm – 1:30 pm	Lunch in the Exhibit Hall
1:30 pm – 2:30 pm	Dr. Katherine Kelley Distinguished Lecture Dr. Leandro Mena, MD, MPH, Director, Division of STD Prevention, Centers for Disease Control and Prevention
2:30 pm – 3:00 pm	Break
3:00 pm – 4:00 pm	Concurrent Sessions <ul style="list-style-type: none">• CyanoBoom! Predictive Methods and Tools for HAB Monitoring• How Are Public Health Laboratories Advancing the Data Modernization Initiative?• Remote NGS Training in a Pandemic: Thinking Inside and Outside of the Box• What’s In My Backyard? Exploring the Geographic Expansion of Arboviruses

Exhibitors

(as of January 12, 2022)

Abbott Diagnostics
Agena Bioscience
Agilent Technologies
APHL Experience
ApolloLIMS
Applied Maths/bioMerieux, Inc.
Avioq
Bio-Rad Laboratories
Bruker
Cepheid
Clear Labs
DiaSorin, Inc.
Gold Standard Diagnostics
HDR
HLN Consulting, LLC
Hologic
HORIZON Lab Systems, LLC
IDEXX
Illumina
INTEGRA
J Michael Consulting, LLC
LightDeck Diagnostics
Luminex Corporation
LumiraDX
MRIGlobal
OpenELIS Foundation
Ortho Clinical Diagnostics
Oxford Nanopore Technologies
PacBio
PerkinElmer
Promega Corporation
Puritan Medical Products

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4:00 pm – 4:15 pm

Break

4:15 pm – 5:15 pm

Concurrent Sessions

- Wastewater Epidemiological Surveillance: An Innovative Tool in Public Health Response
- Case Studies in Biosafety: A Look into Laboratory Exposures
- The Bioinformatics Toolbox: A Look at What Is Available, and Approaches for Evaluating, Accessing and Sharing These New, Critically Important Tools for Public Health Labs
- A Call to Action: Creating a Laboratory Workforce Pipeline Through Academic Partnerships

5:15 pm – 5:30 pm

Break

5:30 pm – 6:30 pm

Member Assembly

Friday, May 20

7:00 am – 12:00 pm

Registration

7:30 am – 8:30 am

Roundtable Sessions

- Effective Use of Point-of-Care CLIA-waived Tests in both Diagnostic and Surveillance Programs in the US
- Hot Topics in HIV, Viral Hepatitis and STD Testing
- The Future of PulseNet and Foodborne Surveillance in the US and Beyond
- Money Talks: Successfully Rewarding Your Workforce

8:30 am – 9:00 am

Break

9:00 am – 10:00 am

Plenary Session: Strategic Partnerships to Strengthen the Laboratory System

10:00 am – 10:30 am

Break

10:30 am – 11:30 am

Plenary Session: The Role for Public Health Laboratories in Climate Change: Adapting to a Changing World

11:30 am

Adjournment

12:30 pm – 6:00 pm

Optional tour of the Ohio state Public Health Laboratory
(2-hour bus ride to and from Reynoldsburg, OH)

QIAGEN, LLC

Quantabio

Roche Diagnostics

Ruvos

SCIEX

Seegene Technologies

SpeedX

STAT Courier Service, Inc.

Streck

Theiagen Genomics

Thermo Fisher Scientific

University of South Florida,
College of Public Health

Waters Corporation

Zymo Research Corp.

Contact information for these exhibitors and further details on APHL 2022 can be found on the main conference website.

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