

# APHL<sup>®</sup>2025

where laboratory science and public health meet

May 5–8, 2025  
Portland, OR  
Oregon Convention Center

## Conference Highlights

**The APHL Annual Conference**, an in-person event for the public health laboratory community, brings together 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 emerging infectious diseases, environmental health, emergency preparedness, quality systems and safety, informatics, food safety, newborn screening, global health, workforce and more.

**Attendees in Portland** will enjoy live sessions and roundtables, networking opportunities, receptions, events such as the Dr. Katherine Kelley Distinguished Lecture and the Annual Awards Ceremony, and 200+ scientific posters and 70+ exhibitors.

**Sessions and events will take place in Portland; select sessions will be recorded and available for on-demand access after the conference.**

### Attendee Benefits

- 40+ sessions
- 70+ exhibitors
- 200+ scientific posters
- Networking opportunities
- Receptions and events
- P.A.C.E.<sup>®</sup> and CPH CEUs
- Prize raffle and other special giveaways
- Seeing friends and colleagues
- All the fun of Portland!

### Not-to-Miss Keynote!

**Katherine Kelley  
Distinguished Lecture:  
Dr. Brian Castrucci,**  
de Beaumont Foundation



[www.aphl.org/AC](http://www.aphl.org/AC)



## **Katherine Kelley** **Distinguished Lecture**

**Monday, May 5, 2:30 pm – 3:30 pm**

Brian C. Castrucci, DrPH, is an epidemiologist, public health practitioner, and president and chief executive officer of the de Beaumont Foundation. With the help of a strong team, Brian has built the foundation into a leading voice in health philanthropy and public health practice. Under his leadership, the foundation is driving change to improve population health, foster collaboration between public health and other sectors, prioritize the importance of communications and strengthen the nation's public health infrastructure. CityHealth, the BUILD Health Challenge, the Public Health Communications Collaborative, Health Action Alliance, and the Public Health Workforce Interests and Needs Survey are among the projects he has helped to create.

Prior to joining de Beaumont, Brian worked for a decade as an applied epidemiologist and held leadership positions at the Georgia Department of Health, Texas Department of State Health Services and Philadelphia Department of Health.

Brian is a sought-after resource on public health, contributing his expertise through interviews and editorials. He has published more than 90 peer-reviewed publications cited more than 3,500 times and has co-edited six books.

featuring

## **Brian Castrucci, DrPH,** **de Beaumont Foundation**

President and Chief Executive Officer of the de Beaumont Foundation



Brian holds a doctorate in public health leadership from the Gillings School of Global Public Health at the University of North Carolina at Chapel Hill and a Master of Arts degree in Sociomedical Sciences from Columbia University. He earned a Bachelor of Arts in political science from North Carolina State University.



## Registration

Advanced registration through APHL is required. Visit [www.aphl.org/AC](http://www.aphl.org/AC). For questions contact [conferences@aphl.org](mailto:conferences@aphl.org).

APHL Member:	\$750
Non-member:	\$895
Student:	\$200
Fellow:	\$550

*A student is someone who pays for their registration themselves without reimbursement. A fellow receives a stipend to pay for their registration.*



## Tours of the Oregon State Laboratories

Thursday, May 8

12:00 pm – 6:00 pm

- Oregon State Public Health Laboratory
- Oregon Department of Environmental Quality Laboratory
- Oregon Department of Agriculture Laboratory

*You must sign up for these tours at the same time as you register for the conference. Participation is limited.*

### Public Health Laboratory Fellows in Attendance

We are excited to welcome over a hundred Public Health Laboratory Fellows to APHL 2025. These early career scientists, currently placed within public health laboratories across the country, will participate in person in Portland. These first-time attendees will attend sessions dedicated to the Public Health Laboratory Fellowship Program and will also join other attendees and exhibitors in participating in Annual Conference activities.

## 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 contact hours by attending in person, and/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 contact hours by attending in person, and/or viewing online, all available sessions, both live and recorded.

## Meeting Location and Hotels

### Oregon Convention Center

777 NE Martin Luther King Jr Blvd • Portland, OR 97232

### Hyatt Regency Portland at the Oregon Convention Center (headquarters)

375 NE Holladay St, • Portland, OR 97232  
971.222.1234

APHL 2025 will be held at the Oregon Convention Center (Portland's convention center) in downtown Portland. The Hyatt Regency is across the street and attached to the Oregon Convention Center.

APHL has negotiated a discounted room rate of \$200 plus tax per night (single/double). There are a limited number of FY 2025 federal per diem rooms. Reservations are available on a first-come, first-served basis and are valid until April 4, 2025 or until the block is filled. This block may fill up quickly so be sure to make your reservations early.

**Further hotel and reservation details are available at [www.aphl.org/AC](http://www.aphl.org/AC).**



[www.aphl.org/AC](http://www.aphl.org/AC)



# Agenda

All times are Pacific (PDT)

## Sunday, May 4

3:00 pm – 7:00 pm Registration

## Monday, May 5

7:00 am – 6:00 pm Registration

8:00 am – 11:00 am

**Preconference Workshops**  
(separate registration required)

- Adapting Biosafety and Biosecurity for the Age of Artificial Intelligence and Laboratory Automation
- Implementing One Health Partnerships and Strategies from Within Your Laboratory: Lessons from Rabies and Highly Pathogenic Avian Influenza (HPAI)
- Communication Essentials: An Experiential Workshop on Messaging to Meet Your Laboratory's Needs
- Laboratory Leadership in Action: Elevating Everyday Impact

11:30 am – 12:00 pm **Innovate! Session 1** (Topic to be announced)

12:00 pm – 12:30 pm **Innovate! Session 2** (Topic to be announced)

12:30 pm – 1:00 pm **Innovate! Session 3** (Topic to be announced)

1:00 pm – 1:30 pm **Innovate! Session 4** (Topic to be announced)

2:00 pm – 2:30 pm **Welcome to Portland Opening Session**

2:30 pm – 3:30 pm **Dr. Katherine Kelley Distinguished Lecture**  
**Dr. Brian Castrucci, de Beaumont Foundation**  
**President and Chief Executive Officer**

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

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

4:00 pm – 5:00 pm **Plenary Session: Navigating the Narrative: Public Health Communication Challenges During the HPAI H5N1 Response**

5:00 pm – 5:30 pm Rapid Poster Presentations

5:30 pm – 6:30 pm **Welcome Reception** in the Exhibit Hall

## Tuesday, May 6

6:30 am – 6:00 pm Registration

7:00 am – 8:15 am **Lab Directors' Breakfast** (Invitation Only)

8:15 am – 8:45 am **Concurrent Innovate! Sessions 5–8**  
(Topics to be announced)

8:45 am – 9:00 am Break

9:00 am – 10:00 am **Plenary Session: First Foods and River Vision — Management Guidance for the Intersection of Human, Environmental and Cultural Health**

10:00 am – 10:30 am **Rapid Poster Presentations**

10:00 am – 6:30 pm Exhibit Hall Open (posters available for viewing)

This schedule is subject to change and offered for planning purposes only. The Preliminary Program, due out in March 2025, will have more details.

## Schedule Summary

APHL 2025 begins with several preconference workshops at 8:00 am, Monday, May 5, followed by the **Opening Session** at 2:00 pm.

**Posters** will be displayed from Monday afternoon, May 5 to 3:00 pm on Wednesday, May 7.

## Exhibit Hall Hours

May 5, 3:30 pm – 6:30 pm

May 6, 10:00 am – 6:30 pm

May 7, 9:30 am – 3:30 pm

## Meeting Rooms

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



10:45 am – 11:45 am

### Concurrent Sessions

- The Current Landscape and Future Directions of the Newborn Screening System: Findings of a NASEM Report
- Comprehensive Surveillance Strategies for BSL3 Pathogens
- Thinking About Emerging Infectious Diseases Through a Global Health Lens
- A Brave New World: How Public Health Laboratories Are Using High-Resolution Mass Spectrometry

11:45 am – 1:30 pm

Lunch in the Exhibit Hall: Visit Exhibits and Posters

12:00 pm – 12:30 pm

**Innovate! Session 9** (Topic to be announced)

12:30 pm – 1:00 pm

**Innovate! Session 10** (Topic to be announced)

1:30 pm – 2:30 pm

### Concurrent Sessions

- The Laboratory Response Network in Action: 25 Years of Preparedness
- Navigating the (Waste)Waters: Building a Sustainable Program in the Post-pandemic Era
- Projects that Are Transforming the Public Health Data Infrastructure
- Contamination Chronicles 2.0

3:00 pm – 4:00 pm

**Plenary Session: The Cycle of Preparedness, Response and Recovery: How Laboratories Maintain Resilience for the Next Threat**

4:30 pm – 5:30 pm

### Concurrent Sessions

- Forging Ahead: State and Tribal Innovators Battling Emerging Contaminants
- Bridging the Gap: Strategies for Navigating Intergenerational Communication and Collaboration
- Next Generation Sequencing Validation and Bioinformatic Analysis of HIV Drug Resistance Mutations in Public Health Laboratory Settings
- Enhancing Surveillance for *Cronobacter* Infections Following Important Regulatory Changes

5:30 pm – 6:30 pm

**Networking Poster Reception** in the Exhibit Hall

## Wednesday, May 7

7:00 am – 5:30 pm

Registration

8:00 am – 9:30 am

**APHL Awards Breakfast**

9:30 am – 3:30 pm

Exhibit Hall Open (*posters available for viewing*)

10:00 am – 11:00 am

### Roundtable Discussions

- Laboratory Developed Test Regulation — What We Know, What We've Done and Where We're Heading
- What a Pain: Addressing Common Regulatory and Accrediting Deficiencies
- Meet Me in the Metaverse: The Next Chapter in Education and Training
- Leveraging US State Public Health Laboratory Capacity to Enhance Global Respiratory Testing Capacity Through Twinning in Jordan
- Navigating the Cloud (Pulse Net 2.0): Balancing Challenges and Achievements

11:00 am – 11:15 am

Break

11:15 am – 12:15 pm

### Concurrent Sessions

- More Moves than a Dance Floor: Chasing Drug Overdose Trends with New Partners
- Changing the Training Paradigm through the New Integrated Food Safety System (IFSS) Regulatory and Laboratory Training System (RLTS)
- Treasuring the Laboratory Workforce
- Electronic Test Orders and Results (ETOR) via an Intermediary: Success Stories from the Field



12:15 pm – 1:45 pm	Lunch in the Exhibit Hall: Visit Exhibits and Posters
12:30 pm – 1:00 pm	<b>Innovate! Session 11</b> (Topic to be announced)
1:00 pm – 1:30 pm	<b>Innovate! Session 12</b> (Topic to be announced)
1:45 pm – 2:45 pm	<b>Plenary Session: Microplastics: Yes, “Everything Everywhere All At Once” Applies</b>
2:45 pm – 3:15 pm	Exhibit Hall Prize Raffle
3:15 pm – 3:30 pm	Break
3:30 pm – 4:30 pm	<b>Concurrent Sessions</b>
	<ul style="list-style-type: none"> <li>• <b>Weird Science: Solving Public Health Puzzles</b></li> <li>• <b>From Decay to Display: Showcasing Radiochemistry’s Role in Public Health Protection</b></li> <li>• <b>Enhancing Food Safety Protections: How the Laboratory Flexible Funding Model (LFFM) Improves Emergency Response and Surveillance</b></li> <li>• <b>Updates from the Pathogen Genomics Centers of Excellence: Advances in AMD Driven by Academic-Public Health Partnership</b></li> </ul>
4:45 pm – 5:45 pm	<b>APHL Member Assembly</b>

## Thursday, May 8

7:00 am – 12:00 pm	Registration
7:30 am – 8:30 am	<b>Roundtable Discussions</b>
	<ul style="list-style-type: none"> <li>• <b>Emerging Leader Program (ELP) Cohort 18 — Manage Up: Lead From All Roles in a Public Health Laboratory”</b></li> <li>• <b>Real-world Risk Assessments: Navigating Post Exposure, Marburg and Mpox Scenarios</b></li> <li>• <b>Creating Compelling Narratives: Effective Data Storytelling to Showcase Public Health Laboratory Impact</b></li> <li>• <b>Leveraging Point-of-Care Testing to Support and Enhance Laboratory Efforts for Sexually Transmitted Infections</b></li> <li>• <b>Are Laboratory Systems Ready to Respond to Unknown Chemical Intoxications? How Psychedelic Edibles Prepared One Laboratory for Unexplored Chemical Intoxications</b></li> </ul>
8:30 am – 9:00 am	Break
9:00 am – 10:00 am	<b>Concurrent Sessions</b>
	<ul style="list-style-type: none"> <li>• <b>Quality Uncompromised: Strengthening CIDT Standards in Public Health</b></li> <li>• <b>Perfecting Parasitology Programs</b></li> <li>• <b>Hashing It Out: The Evolving Landscape Of Cannabis Regulations and Public Health Implications</b></li> <li>• <b>Wastewater Surveillance: Communicating Complex Data for Public Health Action</b></li> </ul>
10:00 am – 10:15 am	Break
10:15 am – 11:15 am	<b>Plenary Session: Culture vs. Code</b>
11:15 am – 11:45 am	<b>Closing Session</b>
11:45 am	<b>Adjournment</b>
12:00 pm – 6:00 pm	<b>Optional Tours</b>
	<ul style="list-style-type: none"> <li>• <b>Oregon State Public Health Laboratory</b></li> <li>• <b>Oregon Department of Environmental Quality Laboratory</b></li> <li>• <b>Oregon Department of Agriculture Laboratory</b></li> </ul>

## Exhibitors (as of Feb 14, 2025)

Contact information for these exhibitors can be found on the [conference website](#).

Abbott Molecular Diagnostics	503/505/507
Amazon Web Services, Inc.	205
American Association for Laboratory Accreditation	519
American Proficiency Institute	315
American Public Health Association	502
AnalytiChem	416
APHL Career Pathways	113
APHL Experience Booth	112/114/116/118
Arlington Scientific, Inc	206
ASCP Board of Certification	119
BioFire Defense	213
Bio-Rad Laboratories	613/615
Biotage	318
Bruker	307
BugSeq Bioinformatics Inc	500
Ceres Nanosciences	207
CHROMagar	512
Clear Labs	412/414
CURIS System	612
Devyser, Inc.	TBD
Gold Standard Diagnostics	314
Gold Standard Diagnostics Horsham	317
GT Molecular, Inc.	302
HDR	300
HighQ	418
Hologic	301/303
iConnect Consulting	514
Illumina	600
InBios International, Inc.	204
Integra Biosciences	200
J Michael Consulting, LLC	313
Lord Aeck Sargent	212
Merrick & Company	513
NuAire, Inc.	604
OpenELIS Foundation	400
PacBio	305
Promega	201
QIAGEN	404/406
QuidelOrtho	203
Randox Laboratories-US, Ltd.	607
Redbud Labs, Inc	415
Restek	316
Roche Diagnostics Corporation	403/405/407
S2 Media	515
SEEGENE USA, INC.	401
Standard Biotoools	319
STAT Courier Service Inc.	402
Streck	306
Tecan	504
Theiagen Genomics	304
Tubewriter	606
Twist Bioscience	602
University of South Florida, COPH	501
VeriCor, LLC	100
Waters Corporation	413
World BioHazTec	506
Zymo Research Corp.	312