About ASTHO

The Association of State and Territorial Health Officials (ASTHO) is the national nonprofit organization representing 59 state and territorial public health officials, as well as the more than 100,000 professionals they employ. ASTHO frequently convenes public health leaders and partners to discuss emergent issues in state and territorial public health, share best practices for creating optimal health, and offer important networking opportunities for ASTHO members, funders, key governmental partners, and other public health stakeholders.

Overview

The public health response to COVID-19 has spurred several technological innovations and adaptations in support of healthcare and public health systems. Our goal is to share and connect public health professionals with new technologies to help them identify solutions to pressing problems and learn how technology has been deployed to enhance and improve public health activities with an eye toward sustainability and evolution.

This completely virtual event will include a diverse audience of public health practitioners, decisionmakers, healthcare partners, and industry leaders.
WELCOME TO THE FIRST-EVER NATIONAL CONVENING ON COVID-19, PUBLIC HEALTH, AND TECH!

The ASTHO COVID-19 TechXpo is the first national convening of state and territorial health officials with local and federal partners focusing specifically on the use of technology to support the COVID-19 response. Plenary sessions will highlight thought leadership and practical tools developed to support case reporting and surveillance, laboratory testing and reporting, contact tracing and case investigation, and the various ways technology can support this historic national COVID-19 vaccination campaign.

Agenda | Wednesday, March 31, 2021

[ All events will be virtual and are listed in ET. ]

2-2:45 p.m.
OPENING PLENARY

Public Health, COVID-19, and Technology Innovation
Join ASTHO leadership in welcoming participants to the TechXpo and attend the exciting keynote presentation to kick off the event.

Welcoming Remarks: Michael Fraser, PhD, MS, CAE, FCPP, CEO, ASTHO
Nirav Shah, MD, JD, Director of Maine CDC and ASTHO President

Opening Keynote: 21st Century Public Health: Opportunity in a Pandemic
Karen B. DeSalvo, MD, MPH, Chief Health Officer, Google

In this session, Dr. Karen DeSalvo will share how Google activated in response to the pandemic and partnered with public health to get reliable and authoritative health information to consumers through Google surfaces, and lean on its technical capabilities to support public health with data and technology. Hear from Dr. DeSalvo how the pandemic led to a bridging of the private and public sectors, and how these partnerships are essential to building a 21st century digital public health infrastructure.

3-4:45 p.m.
BREAKOUT SESSIONS

Breakout sessions will highlight innovations and evolution of technology solutions supporting many COVID-19 response functions, including exposure notification, contact tracing and case management, disease reporting and surveillance, vaccine distribution, and healthcare and public health linkages.

3-3:45 p.m. BREAKOUT BLOCK A

Trace, Notify, and Investigate: How Tech Aids Time-Tested Disease Investigation Methods
Numerous organizations have worked to cultivate innovation in the areas of case investigation, contact tracing, and exposure notification. In this session, hear from experts that have supported or directed efforts to develop applications and tools in this space, learn from their experience, and share your own.

Moderator: Priyanka Surio, MPH, PMP, CHES, ASTHO
Speakers: Paul Jarris (ASTHO alumni – VT), MD, MBA, Chief Medical Advisor, MITRE Corporation
Jim Ivey, Chexout
Jenny Wanger, MBA, Linux Foundation Public Health
Painting the Picture: COVID-19 Visualization Tools that Inform Policymakers and the Public

COVID-19 data visualization has been with us since the start of the global pandemic. As the epidemic spread in the United States, data from various governmental, clinical, academic, and private partners have been shared and summarized to present a real-time picture to inform public health and healthcare planning and response. In this session, speakers will share their work to “paint the picture” of COVID-19 in the U.S. and around the globe and highlight needs for the future to optimize COVID-19 surveillance and data-sharing.

Moderator: Courtney Youngbar, MPH, ASTHO
Speakers: Ellie Graeden, PhD, Talus Analytics
Alexis Madrigal, The COVID Tracking Project
Jared Shoultz, MA, Esri
Este Geraghty, MD, MS, MPH, CPH, GISP, Esri

4-4:45 p.m. BREAKOUT BLOCK B

Building the Bridge: Innovations in Monitoring, Care Management, and Support

Linking healthcare and public health data has been a long-term effort for public health and clinical leaders over the last decade. COVID-19 has highlighted the need for better connections between clinical care systems and public health agencies designated to monitor and assess the health of their communities. In this session, learn from leaders who have worked to integrate clinical and community health data to better understand the disease burden of COVID-19 across the United States. With an eye toward the future, presenters will also highlight opportunities to improve care management, clinical care, and public health reporting and monitoring.

Moderator: Marcus Plescia, MD, MPH, ASTHO
Speakers: Lisa Bari, MBA, MPH, Strategic Health Information Exchange Collaborative
Bob Harmon (ASTHO alumni – MO), MD, MPH, Senior Physician Executive, Cerner Government Services
Mylynn Tufte (ASTHO alumni – ND), RN, MBA, MSIM, Senior Director, Population Health Practice Lead, Optum Advisory Services

A Monumental Task: Technology and the COVID-19 Vaccination Campaign

As the nation pivots to a vaccination campaign of historic proportions, questions continue to pour in around how many have been vaccinated, where vaccine is needed, what communities may be experiencing hesitancy, and more. In this session, hear how public health agencies and their partners work to monitor and assess the United States’ national vaccination campaign and how data systems have evolved to meet the high-pressure challenges of this monumental effort.

Moderator: Kim Martin, ASTHO
Speakers: Rebecca Coyle, MEd, American Immunization Registry Association
Jim Daniel, MPH, Amazon Public Sector Solutions
Mike Popovich, MS, STCHealth

3-5 p.m.
VIRTUAL EXHIBIT HALL

Join TechXpo participants to learn from industry experts and thought leaders in the virtual exhibition hall. Attend exhibitor demonstrations and meet virtually with individuals and organizations at the forefront of developing innovative solutions and applications. There will be ongoing opportunities throughout the TechXpo for participants to chat and video message with exhibitors and other participants.
From Paper to Digital: The Evolution of the Vaccine Credential

As more Americans receive vaccinations, safely reopening communities will soon follow. Air travel, sporting events, concerts, and other activities will accompany a gradual reopening phase, and vaccine credentials, such as mobile applications or digitally signed paper cards, will be essential. In this session, hear how public health technology partners are working to help jurisdictions develop digital vaccine credentials vital to a successful vaccine administration campaign.

Moderator: Zeeshawn Chughtai, MHA, ASTHO
Speakers: Karen Gardner, SICPA, representing Vaxtrac Coalition
Ramesh Raskar, PhD, Path Check Foundation, professor - MIT
Kevin Richardson, JD, Zebra Technologies and Mayor, Village of Lake Barrington, Illinois

5-5:45 p.m.
PLENARY SESSION

Exposure to the Second Shot: COVID-19 Challenges and the Innovations We Need

Attend an inspiring closing session where you will hear public health leaders and national experts discussing their thoughts on the opportunities and challenges COVID-19 presents to our shared future.

Moderator: J.T. Lane, MPH, ASTHO
Speakers: Stanley Campbell, MyVax
Dylan George, PhD, MS, In-Q-Tel
Karen Smith (ASTHO alumni – CA), MD, MPH
Jared Allgood, Healthy Together

5:45-6:15 p.m.
CLOSING KEYNOTE

Micky Tripathi, PhD, MPP
National Coordinator for Health Information Technology, HHS

6:20-7 p.m.
Live Networking Discussions
Join us post-event to informally connect with participants and attendees in virtual networking lounges.

- Data Visualization to Support Behavior Change
  Led by: Covalent Logic
- Holistic Approaches to Data Reporting
  Led by: Guidehouse
- Lessons Learned Deploying Millions of Digital Vaccination Records
  Led by: Healthvana
- Navigating COVID-19 Technology and Equity
  Led by: LexisNexis Risk Solutions
- Novel Digital Resource on Shared Staffing at Senior Living Facilities
  Led by: Yale University’s Tobin Center for Economic Policy and U.S. Digital Response
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JOIN THE CONVERSATION

Follow us on social media (linked below!) and join the conversation using the hashtag #ASTHOTECHXPO.