



Disease Forecasting and Outbreak Analytics Workshop for Legislative Staff

Hyatt Regency | Portland, Or.

Wednesday June 21, 2023

This invitational workshop brings together state legislative staff to learn about disease forecasting models and outbreak analytics used during disease outbreaks. The workshop will help legislative staff build capacity to use models and analytics in their work, and build a network of peers, stakeholders and resources to utilize during disease outbreaks. Promising state strategies to address disease outbreaks will also be presented, and legislative staff and other stakeholders will have an opportunity to share experiences, lessons learned and best practices.

Time	Agenda Item
8– 9 a.m. <i>Deschutes B– C</i>	<p>Registration and Breakfast</p> <p>Breakfast will be available starting at 8 a.m. Participants will have an opportunity to discuss their experiences with peers.</p>
9– 10 a.m.	<p>Welcome, Overview and Introductions</p> <p>NCSL will open with an overview and objectives for the day, followed by an introduction from the Center for Forecasting and Outbreak Analytics (CFA).</p> <p><i>Moderator: Tahra Johnson, NCSL</i></p> <p><i>Speaker: Caryn Murillo, partnerships lead, Center for Forecasting and Outbreak Analytics, Centers for Disease Control and Prevention</i></p>
10– 10:35 a.m.	<p>Activity – Legislative Staff “Wish List” for Outbreak Data and Information</p> <p><i>Moderator: Shannon Kolman, NCSL</i></p>
10:35– 10:50 a.m.	<p>Break</p>
10:50– 11:45 a.m.	<p>Experiences from the Field of Disease Forecasting</p> <p>The speakers will share their experiences in creating disease forecasting models during the pandemic including challenges, opportunities and lessons learned for the next outbreak. Audience members will have the opportunity to ask questions and have a discussion with the panelists regarding the realities of disease forecasting and how such analytics can best be used for decision making.</p> <p><i>Moderator: Shannon Kolman, NCSL</i></p> <p><i>Speakers: Joe Gibson, senior data entrepreneur, CDC Foundation</i> <i>Roni Rosenfeld, department head and professor, Machine Learning, Carnegie Mellon University</i></p>



11:45– 12:45 Roundtable Discussions and Networking Lunch

12:45– 1:10 p.m. Center for Disease Forecasting and Outbreak Analytics (CFA) Tools

The speaker will present an overview of the products and tools available from CFA including forecasts, technical reports and a training course. The session will also provide time to explore policy– related aspects of the CFA tools and how they may be used by legislative staff.

Moderator: Charlie Severance-Medaris, NCSL

Speaker: Emily Ann Meyer, health scientist, Center for Forecasting and Outbreak Analytics, Centers for Disease Control and Prevention

1:10– 1:30 p.m. Activity – Epi 101

Moderator: Shannon Kolman, NCSL

1:30– 1:55 p.m. Forecasting Data Needs

Data from various sources is needed to develop disease forecasts and outbreak analytics. This session will explore the types of data needed to create useful forecasts for decision making. The speaker will also discuss how data constraints can affect forecasts and what legislatures need to know.

Moderator: Flora Fouladi, NCSL

Speaker: Ellie Bergren, senior program analyst, Council of State and Territorial Epidemiologists

1:55– 2:20 p.m. Communicating Information for Decision-Making

Disease forecasts need to be transformed into communicable decision– making information. This session will explore how disease analytics can be best communicated, what the analytics can tell us, and which communications methods may work best for different audiences.

Moderator: Kendall Speer, NCSL

Speaker: Nicole Kelp, assistant professor, Colorado State University

2:20– 2:35 p.m. Break



2:35– 3:25 p.m.

State Roles for Outbreak Responses

This session will explore state team models for disease outbreaks including who may be involved and the roles of team members. The panel will discuss lessons learned during the pandemic and considerations for states in preparation for the next public health emergency including how state legislatures can be involved.

Moderator: Bob Doyle, NCSL

Panelists:

Brittney Roy, program director, Public Health, National Governors Association

Maggie Davis, director, State Health Policy, Association of State and Territorial Health Officials

Sara Black, senior advisor, National Association of County and City Health Officials

3:25– 3:45 p.m.

Panel Discussion with Experts

Speakers from throughout the day will be available to answer audience questions. Cards will be available on the tables all day for participants to note questions and observations.

Moderator: Tahra Johnson, NCSL

Speakers: All speakers from throughout the day

3:45– 4 p.m.

Wrap Up