

PUBLIC HEALTH & DISASTERS

2016 Conference Program

Public Health & Disasters 2016 Program

Sunday, May 1, 2016

6:00pm - 9:00pm **REGISTRATION**, Timpanogos
6:30pm - 9:00pm **POSTER PRESENTATION**, Timpanogos

Monday, May 2, 2016

7:30am - 4:00pm **REGISTRATION**

7:30am - 8:30am **BREAKFAST**, Aspen Room

8:30am - 9:00am **WELCOME**, Amphitheatre
Kimberley Shoaf, DrPh, Associate Professor, Associate Chief of Community Engagement, Division of Public Health, Department of Family & Preventive Medicine, University of Utah

9:00am - 9:45am **KEYNOTE ADDRESS**, Amphitheatre
Global Health Security Agenda: Improving Readiness Everywhere
Allison B. Johnson, MPA, Deputy Director for Management and Operations, Division of Global Health Protection, Center for Global Health, Centers for Disease Control and Protection

COURSE DESCRIPTION: This session will explain the Global Health Security Agenda, a partnership among more than 60 nations to have a world safe and secure from infectious disease threats that occur naturally or are spread deliberately.

9:45am - 10:00am **BREAK**

10:00am - 11:00am **PLENARY SESSION**, Amphitheatre
Perspectives on Water-Related Disasters in Brazil
Claudia Garcia Serpa Osorio de Castro, ScD, Senior Researcher, Fundação Oswaldo Cruz, Sergio Arouca National School of Public Health
Elaine Miranda, Adjunct Professor, Universidade Federal Fluminense

COURSE DESCRIPTION: This session will present a discussion on subjects related to water and public health in the Brazilian context. An overview on drought, floods, and their consequences to public health, such as the transmission of infectious and parasitic diseases and the management of health risks and health services in these situations.

11:00am - 12:00pm **PLENARY SESSION**, Amphitheatre
Examining Health Workers' Perceptions of Organizational Expectations Following Disasters
Daniel Barnett, MD, MPH, Associate Professor, Johns Hopkins Bloomberg School of Public Health

COURSE DESCRIPTION: An ever-broadening array of emergent threats has raised operationally relevant research questions about health workers' willingness to fulfill organizational expectations in disaster response and recovery. Dr. Daniel Barnett and colleagues from Johns Hopkins University have examined perceptual and attitudinal barriers and facilitators toward such perceptions among this cohort. Their findings have yielded novel, behavioral model-based curricular interventions to address these

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willingness gaps. A threat- and efficacy-based behavioral model (Witte's Extended Parallel Process Model) has underpinned this work throughout. Dr. Barnett's presentation will accordingly focus on the latest findings from mixed-methods research on health workers' commitment to their organizations in the contexts of disasters and emergent threats. The presentation will also include currently unpublished data on public health workers' relevant perceptions toward disaster recovery in a variety of Hurricane Sandy-impacted U.S. jurisdictions from the states of Maryland and New Jersey. The presentation will also explicitly address broader health security implications of these and related findings for current and future disaster preparedness, response and recovery efforts.

12:00pm – 1:30pm

LUNCH, *Aspen Room*

1:30pm – 3:00pm

BREAKOUT SESSION A, *Birch Room*

Using Exercises to Measure Preparedness

Leighton Jones, Senior Program Manager, Emergency Preparedness Research, Evaluation, and Practice Program, Division of Policy Translation and Leadership Development, Harvard T.H. Chan School of Public Health

COURSE DESCRIPTION: This session will address the use of exercises to measure emergency preparedness and response. The presentation will include a description of what characteristics are necessary to make exercises an appropriate tool to measure preparedness. The speaker will discuss the processes of designing and conducting exercises in order to best use them to measure preparedness efforts, and they will identify common pitfalls in executing preparedness exercises for evaluation purposes. The speaker will also introduce a free online toolkit that is available to develop exercise evaluation data forms and will discuss recent results from the study of its implementation.

3:00pm – 3:30pm

BREAK

3:30pm – 5:00pm

BREAKOUT SESSION B, *Birch Room*

Regional Medical Surge Coalitions - Progress and New Directions

Kevin McCulley, Public Health and Medical Preparedness Manager, Utah Department of Health

COURSE DESCRIPTION: A review of Healthcare Preparedness Program Regional Medical Surge Coalition activity will be provided. Topics will include: 1) Review of the various structures that states have used to implement Coalitions; 2) Critical program targets and future directions of the program moving into 2017-2022; 3) Operationalization of Coalitions to define response roles; and 4) Leveraging Coalitions to find success with other programs, including Burn Surge, Pediatric Surge, and Special Pathogens.

6:30pm – 8:30pm

DINNER & A DISASTER MOVIE, *Amphitheatre*

Tuesday, May 3, 2016

7:30am – 4:00pm

REGISTRATION

7:30am – 8:30am

BREAKFAST, *Aspen Room*

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8:30am – 9:15am

PLENARY SESSION, Amphitheatre

The Public Health Response to Zika in Texas- A Local Perspective

Umair A. Shah, MD, MPH, Harris County Public Health and Environmental Services (HCPHES)

COURSE DESCRIPTION: Harris County identified its travel-related Zika virus (ZIKV) case in December 2015. In time, the situation evolved to find additional cases of ZIKV in multiple jurisdictions throughout Texas. Similar to other jurisdictions, Harris County Public Health & Environmental Services (HCPHES) immediately launched its response including forming its internal Zika Readiness Team to address public health concerns and appropriate measures for its jurisdiction which included epidemiology, mosquito surveillance, integrated vector management, and an emphasis on communication and engagement. The unfolding Zika situation meant that challenges faced by a local health department such as HCPHES in responding to ZIKV emergence in a region at high-risk for local transmission. These challenges include performing human surveillance activities for a disease that causes symptoms in only 1 in 5 people but is absolutely critical for certain patient population such as pregnant women. This makes the timing of obtaining confirmatory laboratory test results, the capacity of available testing sites and resources, as well as the integration between public health and the healthcare community as absolutely critical. Additionally, the vector control and surveillance activities for a mosquito-borne disease such as ZIKV also require pivoting for a Culex-based mosquito program focusing on diseases such as SLE and WNV to those diseases carried by Aedes mosquitos. In this session, presenters from HCPHES will describe how the unfolding Zika situation also requires an equally evolving response plan that must be grounded both in raising community awareness as well as involving integrated action on the part of a broad-based community of partners to best combat ZIKV in Texas communities.

9:15am – 10:00am

PLENARY SESSION, Amphitheatre

Learning from Geographic Variation and Change in Preparedness Using the National Health Security Preparedness Index

Glen Mays, MPH, PhD, Scutchfield Endowed Professor of Health Services and Systems Research, Director, UK Center for Public Health Services & Systems Research, Director, RWJF Systems for Action National Program Office, Department of Health Management & Policy, College of Public Health

COURSE DESCRIPTION: This session profiles how to use the National Health Security Preparedness Index for assessing strengths, weaknesses, and areas of improvement in both state and national preparedness for disasters and other large-scale health emergencies. Recent methodological enhancements allow the Index to track geographic variation in preparedness capabilities across states and regions, and changes in preparedness over time. Examples of how to use these analyses for planning, program evaluation, and quality improvement will be profiled.

10:00am – 10:15am

BREAK

10:15am – 11:15am

PANEL SESSION, Amphitheatre

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Experience with CASPER (Community Assessment for Public Health Emergency Response)

Brandon Dean, MPH, Los Angeles County Health Department
Ramon E. Guevara, Ph.D., MPH, Epidemiologist, Emergency Preparedness and Response Program, County of Los Angeles Department of Public Health

Svetlana Smorodinsky, MPH, Research Scientist, DEODC Emergency Preparedness Team Occupational Health Branch, California Department of Public Health

COURSE DESCRIPTION: The basics of the Community Assessment for Public Health Emergency Response (CASPER) methodology will be described in an interactive session that presents CASPER applications and lessons learned during actual events. The perspectives of a state disaster epidemiologist who has implemented a number of CASPERs, and of a local health department epidemiologist who has participated in different CASPER deployments will guide the discussion that will include applications involving the Aliso Canyon natural gas leak, severe drought, geothermal gases and emergency preparedness, and long-term environmental cleanup in a city with industrial contamination.

11:15am – 12:00pm

PLENARY SESSION, Amphitheatre

Flint Water Crisis: How an American City was Poisoned

Tamara Brickey, MS, CHES, Public Health Division Director, Genesee County Health Department

COURSE DESCRIPTION: This session will give a brief overview into how the Flint Water Crisis occurred, the emergency response that is currently underway, and the work that will need to be done for years to come. This session is from the perspective of the local county health department and is an insightful inside view from the center of the crisis.

12:00pm – 1:30pm

LUNCH, Aspen Room

1:30pm – 3:00pm

BREAKOUT SESSION A, Birch Room

Tool-Kit: Resilience

Jesse C. Bliss, MPH, Emergency Public Health Research Manager, Department of Family and Preventive Medicine, Division of Public Health, University of Utah

Lauren Anderson, MPH, Study Coordinator, Department of Family and Preventive Medicine, Division of Public Health, University of Utah

3:00pm – 3:30pm

BREAK

3:30pm – 5:00pm

BREAKOUT SESSION B, Birch Room

International Disaster Volunteering: How to Begin and How to Succeed

Michael Noone, Region I Disaster Medical Health Specialist

COURSE DESCRIPTION: This session is an in-depth examination of various routes to becoming an international disaster volunteer and recommendations to increase safety and success on disaster deployments. The speaker will present his experiences as he began looking for volunteer opportunities and his lessons learned from volunteering after the 2010 Haiti earthquake, the 2012 Philippines super typhoon and the 2015 Nepal

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earthquake

Wednesday, May 4, 2016

8:00am – 1:00pm	REGISTRATION
8:00am – 9:00am	BREAKFAST , <i>Birch Room</i>
9:00am – 9:45am	PLENARY SESSION , <i>Amphitheatre</i> Mental Health Preparedness for Public Health <i>Jon Perez, PhD, CAPT, USPHS, Regional Administrator, HHS Region IX, Substance Abuse and Mental Health Services Administration, U.S. Department of Health and Human Services</i>
9:45am – 10:30am	PLENARY SESSION , <i>Amphitheatre</i> <i>Kimberley Shoaf, DrPh, Associate Professor, Associate Chief of Community Engagement, Division of Public Health, Department of Family & Preventive Medicine, University of Utah</i>
10:30am – 10:45am	BREAK
10:45am – 11:45am	CLOSING KEY , <i>Amphitheatre</i> The Epidemic of Violence <i>Linda Degutis, DrPH, MSN</i>
	<p>COURSE DESCRIPTION: Violence is a public health issue. It has a powerful impact on the overall health of communities as it affects physical health, mental health, social health and economic health. The roots of violence are inextricably linked to the roots of other public health issues and concerns, and as such, violence is amenable to public health solutions. Ultimately, we need to focus on the prevention of violence, but as we work on prevention, we need to respond to events that do occur. This session will focus on how practitioners and others engaged in preparedness planning and response can prepare for, and work toward preventing violence, while ensuring that responses to violent events are timely, adequate and effective. Using a preparedness framework, events and interventions will be discussed.</p>
11:45am – 12:15pm	CLOSING , <i>Amphitheatre</i> <i>Kimberley Shoaf, DrPh, Associate Professor, Associate Chief of Community Engagement, Division of Public Health, Department of Family & Preventive Medicine, University of Utah</i>

REGISTRATION

This area will be used for Registration, Continuing Education, and Information.

Please stop by if you have any questions, comments, or concerns.

- Please complete and return your overall conference evaluation to Registration.
- If you are completing Continuing Education, please be sure to complete the evaluation questions for each session that you attend.

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Special thanks to Intermountain Healthcare for their support of the Public Health & Disasters Conference!

Join the Public Health Professional Education Program for the upcoming events:

Executive Leadership Series

Leadership: Moving Forward

June 8-10, 2016

Little America Hotel

Core Series

Epi Essentials: For Public Health Practice

June 3, 2016

Salt Lake City, UT

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September 2016

Salt Lake City, UT

You can find more information at the University of Utah Learning Management System (UUPH LMS). The UUPH LMS contains a collective of online trainings, webcasts, and a calendar of upcoming live events.

<http://utah.publichealthcloud.com/>

