



NIEHS WTP 2016 Infectious Disease Workshop Let's Get Viral!

September 20-21, 2016

NIEHS Building 101 ► Rodbell Auditorium

111 T.W. Alexander Drive, Research Triangle Park, North Carolina

DAY ONE: Tuesday, September 20, 2016

8:00–9:00 a.m. **Registration** Building 101 Lobby

9:00–9:15 a.m. **Welcome and Kickoff** Rodbell Auditorium

Welcome and short kickoff presentation from NIEHS WTP on prior infectious disease involvement.

- *Joseph “Chip” Hughes, Jr., Director, WTP*

9:15–10:00 a.m. **Lessons Learned and Emerging Issues of Biosafety and Infectious Disease**

Panel session will provide an opportunity to hear about lessons learned from past outbreaks; identify common themes and essential details from the different types of responses. Grantees who have been involved with these outbreaks and disasters will have an opportunity to share their story: how they participated; what challenges they faced/overcame; and lessons learned. This section will allow existing and new grantees to integrate feedback.

- **MODERATOR:** *Jim Remington, WTP*
 - **Bioterrorism and anthrax attacks**—*Bruce Lippy, Ph.D., CPWR - The Center for Construction Research and Training*
 - **H5N1 and H1N1 outbreaks**—*Ron Snyder, National Partnership for Environmental Technology Education*
 - **Ebola case study**—*Alex Isakov, M.D., Emory University*

10:00–10:30 a.m. **Keynote Address**

Keynote address to provide an overview of the infectious disease preparedness efforts in the United States, building resources and national capacity for frontline workers and bridging the science of infection prevention and control into occupational health and safety sectors.

- *Richard Hunt, M.D., National Healthcare Preparedness Programs, ASPR*

10:30–10:45 a.m. **Break**

10:45–11:15 a.m. **Frontline Reports: Trainer Perspectives on Improving Infection Prevention Training and Communication**

Reflective session will provide an opportunity to hear experiences from trainers in the frontline about challenges in the training process.

- **MODERATOR:** *Sharon Beard, WTP*
 - **The diversity of Infectious Disease Awareness Consortium programs**—*Lula Odom, International Chemical Workers Union Council (ICWUC)*
 - **Successes and challenges in the delivery of the Biosafety and Infectious Disease Training Initiative (BIDTI) training curriculum**—*Scott Patlovich, Dr.P.H., University of Texas School of Public Health*
 - **Q&A**



11:15 a.m.–12:30 p.m. **Targeting and Tailoring Training for Healthcare and Non-Healthcare Sectors**

Breakout activity to discuss needs, access, barriers, and opportunities for training populations in healthcare and non-healthcare sectors, such as those listed below (Concurrent sessions).

- **Breakout A: Healthcare providers (physicians, nurses, midwives, laboratory clinicians), First responders (e.g., law enforcement, firefighters, EMT’s), clinical healthcare facility workers and funeral and mortuary services (e.g., workers handling dead bodies)**Rodbell A
 - **FACILITATORS:** *Jim Remington, WTP and Elizabeth Harman, International Association of Fire Fighters*
 - **DISCUSSION FOCUS 1:** *Thoughts on the relationship between educators and trainers and the practice community and how can training be improved?*
- **Breakout B: Transportation (e.g., airline, cruise, airport, shipping, cargo, border control, national guard) and construction industry workers**Rodbell B
 - **FACILITATORS:** *Sharon Beard, WTP and Damas Rugaba, LIUNA Training and Education*
 - **DISCUSSION FOCUS 1:** *What may be some persistent challenges or training gaps in this field and what are the possible solutions?*
- **Breakout C: Environmental services, custodial, non-clinical healthcare facility workers, maintenance professionals, immigrant workers and waste handlers industry workers** Rodbell C
 - **FACILITATORS:** *Chip Hughes, WTP and Arturo Archila, The Steelworkers Charitable and Education Organization/The Labor Institute*
 - **DISCUSSION FOCUS 1:** *Thinking about handling medical waste in the era of emerging infectious pathogens, what are the industry and site-specific health and safety training needs in the sector?*
- **Breakout D: Community workers, teachers, daycare workers, nail salon workers, correctional officers, public health workers, disaster relief workers & other hazardous workers**Lake View Conference Room
 - **FACILITATORS:** *Demia Wright, WTP and Janelle Rios, Ph.D., Texas-Utah Consortium for Hazardous Waste Worker Education and Training*
 - **DISCUSSION FOCUS 1:** *How can the OSHA 8-hr HAZWOPER or other like infectious disease training material be integrated into a 2-3 hour refresher curricula?*
- **Additional discussion focus for all breakouts:**
 - **DISCUSSION FOCUS 2:** *What are current barriers to providing and/or implementing training in the respective sectors?*
 - **DISCUSSION FOCUS 3:** *Thoughts around training length for awareness and operations training?*

12:30–1:30 p.m. **Lunch** NIEHS Cafeteria

1:30–2:30 p.m. **Successful Training Strategies and Frameworks for Occupational Biosafety (part I)** Rodbell Auditorium

Panel session will feature presentations from grantees to discuss the following topics below.

- **MODERATOR:** *Kevin Yeskey, M.D, National Clearinghouse/MDB, Inc.*
 - **Embracing an all-hazards approach: How can we embrace an all-hazards approach for biosafety and infectious disease training? How can surveillance and risk assessment be incorporated?**—*Mitch Rosen, Ph.D., Rutgers*
 - **Proactive versus reactive training: Distinguishing needs for delivering preparedness versus just-in-time training with emergency responders**—*Alex Isakov, M.D., Emory*
 - **Universal precautions and hierarchy of controls in and out of healthcare settings**—*Cameron Wolfe, MBBS, Duke University, Duke Infection Control Outreach Network*

2:30–2:45 p.m. **Break**

2:45–3:45 p.m. **Successful Training Strategies and Frameworks for Occupational Biosafety (part II)**

Panel session will feature presentations from grantees to discuss the following topics below.

- **MODERATOR:** *Nina Jaitly, M.D., WTP*
 - **Building a bilingual corps of trainers**—*Arturo Archila, The Steelworkers Charitable and Education Organization/The Labor Institute*
 - **Aerosol Transmissible Disease (ATD) Cal-OSHA Standard Integration**—*Kevin Riley, Ph.D., University of California, Los Angeles, Labor Occupational Safety and Health Program, and Mark Catlin, Service Employees International Union*
 - **Obstacles to initiating an Infectious Disease Train the Trainer program**—*Lula Odom, ICWUC*

3:45–4:45 p.m. **Integration and Delivery of Pathogen Safety Data Tools and Resources**

Presentation highlighting the WTP Pathogen Safety Data (PSD) training module and web resources. This will be followed by a small group activity to discuss what may be some realistic approaches to customization and implementation across populations and training programs.

- **Moderator:** *Nina Jaitly, M.D., WTP*
 - **Overview of the WTP PSD training module and guidebook**—*Jonathan Rosen, National Clearinghouse/MDB, Inc.*
 - **Small Group Activity and Discussion**

4:45–5:00 p.m. **Meeting Wrap-up and Adjournd Day 1**

5:10 p.m. **Bus Departs for DoubleTree**

DAY TWO: Wednesday, September 21, 2016

9:00–9:15 a.m. **Welcome and Revisit Day 1** *Rodbell Auditorium*

- *Chip Hughes, WTP*

9:15–10:15 a.m. **Enhancing Partnerships for Delivery of Infectious Disease and Biosafety Training**

Panel session will feature 10-minute presentations on examples of effective partnerships that have been formed, and to discuss the needs for others to effectively deliver infectious disease and biosafety training.

- **MODERATOR:** *Chip Hughes, WTP*
 - **Bringing IUB/Nebraska/Harvard/Texas Partnerships Together**—*Shawn Gibbs, Ph.D. Indiana University Bloomington*
 - **National Ebola Training and Education Center (NETEC) Partnerships**—*John Lowe, Ph.D. Nebraska Medical Center*
 - **Integration of HAZWOPER Model with environmental services: A partnership between LIUNA and NYC Environmental Contractors**—*Damas Rugaba, LIUNA Training and Education*

10:15–11:30 a.m. **Hot Topics**

Panel session will feature presentations to discuss the topics below.

- **MODERATOR:** *Donald Elisburg, National Clearinghouse/MDB, Inc.*
 - **PPE and respiratory protection technology issues: How to work with the challenges**—*Jill Shugart, National Institute for Occupational Safety and Health (NIOSH)*
 - **Zika: Current Science and Efforts**—*Jill Shugart, NIOSH*
 - **Ensuring Biosafety Training Improvements and Precautions are Adequate and Appropriate**—*Lisa McCormick, Dr.P.H., University of Alabama at Birmingham*

11:30 a.m.–Noon **Open Discussion and Meeting Wrap-up**

How we can transition from current efforts to more effective preparedness?

- *Darryl Alexander, American Federation of Teachers*

12:10 p.m. **Bus Departs for Airport**

