

Exploring Medical and Public Health Preparedness for a Nuclear Incident: A Workshop

August 22-23, 2018

National Academy of Sciences Building – Fred Kavli Auditorium
2101 Constitution Ave. NW, Washington, DC 20418

Meeting Objectives

- Understand the current state of medical and public health preparedness for a nuclear incident and how these relate to the prior assumptions about the threat environment;
- Discuss possible changes to planning assumptions for nuclear incidents, with particular attention to the (re-)emergence of state-actor threats, and the implications of those changes for nuclear incident prevention, planning and response;
- Consider the implications for capacity building of potential communication, education and information challenges posed by a nuclear incident, and opportunities and approaches for addressing them;
- Explore challenges, opportunities, and implications for building capabilities to respond to and recover from a nuclear incident, including building capability for monitoring and long-term health surveillance among survivors.

Day 1 – August 22, 2018

Session I Introduction and Overview of the Workshop

8:00 AM **Chairs' Welcome**

Jim Blumenstock

Chief Program Officer, Public Health Practice
Association of State and Territorial Health Officials
Workshop Planning Committee Co-Chair

Tener Veenema

Professor of Nursing and Public Health
Johns Hopkins School of Nursing
Johns Hopkins Bloomberg School of Public Health
Workshop Planning Committee Co-Chair

Session II Briefing: Federal Planning for Nuclear Incidents (*Unclassified*)

8:15 AM **Briefing Panel: Federal Planning for Nuclear Incidents**

Brooke Buddemeier

Principal Investigator, Global Security Directorate
Lawrence Livermore National Laboratory

John Crapo

Deputy Program Manager, National Nuclear Security Administration
Department of Energy

John MacKinney

Senior Policy Advisor, Countering Weapons of Mass Destruction Office
Department of Homeland Security

Kevin Yeskey

Principal Deputy Assistant Secretary for Preparedness & Response
Office of the Assistant Secretary for Preparedness and Response
Department of Health and Human Services

9:00 AM Q/A

Session III Current State of Nuclear Preparedness

9:15 AM **Panel Discussion I: Current State of Preparedness**

Moderator: **Roberta Lavin**

Executive Associate Dean and Professor
College of Nursing, University of Tennessee

Regina Hawkins

Senior Analyst, Preparedness
Association of State and Territorial Health Officials
Co-Lead, National Alliance for Radiation Readiness

Michael “Mac” McClendon

Director, Office of Public Health Preparedness & Response
Harris County Public Health
Chair, Radiation Workgroup
National Association of County and City Health Officials

Patrick Lujan

Preparedness Manager
Department of Public Health and Social Services, Guam

Chris Williams

Deputy Director, Office of Radiation Protection
Washington State Department of Health

10:15 AM Q/A

10:45 AM *Break*

11:00 AM **Panel Discussion II: Updating Planning Assumptions**

Moderator: **Cham Dallas**

University Professor of Health Policy & Management
Director, Institute for Disaster Management
University of Georgia

MG Arthur J. Logan

Adjutant General
Hawaii State Department of Defense

Robert Whitcomb

Chief, Radiation Studies Section
National Center for Environmental Health, Centers for Disease Control and Prevention

James Young

Program Manager, Radiological Emergency Preparedness, Emergency Management
North Carolina Department of Public Safety

12:00 PM Q/A

12:30 PM *Lunch*

Session IV Implications of Communication, Education, and Information Challenges

1:30 PM **Keynote: Communication, Education, and Information Challenges of Nuclear Events**

Steven M. Becker

Professor, Community & Environmental Health
Old Dominion University

2:00 PM Q/A

2:15 PM **Presentations: Implications of Communication, Education and Information Challenges for Building Capabilities – Lessons from Research**

Hamilton Bean

Associate Professor of Communication
Director, International Studies Program
University of Colorado, Denver

Baruch Fischhoff

Howard Heinz University Professor
Institute for Politics and Strategy, and Engineering & Public Policy
Carnegie Mellon University

Robert Levin

Public Health Officer
Ventura County (CA)

Jessica Wieder

Public Affairs Specialist
Environmental Protection Agency

3:15 PM Q/A

Session V Challenges for Building Capacity Within the Healthcare System

3:45 PM *Break*

4:00 PM **Panel III: Challenges for Building Capacity – Healthcare Systems Perspectives**

Moderator: **Bruce Evans**
Fire Chief
Upper Pine River Fire Protection District (CO)

Amanda Bettencourt
Research Fellow, Center for Health Outcomes and Policy Research
University of Pennsylvania School of Nursing

Cullen Case Jr.
Program Manager
Radiation Injury Treatment Network

James Jeng
Surgeon, Crozer-Chester Medical Center (PA)
Chairman, Disaster Subcommittee
Committee on Organization and Delivery of Burn Care
American Burn Association

Robert L. Jones
Chief, Inorganic and Radiation Analytical Toxicology Branch
National Center for Environmental Health
Centers for Disease Control and Prevention

Ziad Kazzi
Associate Professor, Emergency Medicine
Emory University School of Medicine
Member, Board of Directors
American College of Medical Toxicology

Ian Norton
Director, Emergency Medical Teams
World Health Organization

5:15 PM Q/A

Day 1 Wrap Up

5:45 PM **Chair's Reflections and Preview of Day 2**

Jim Blumenstock
Chief Program Officer, Public Health Practice
Association of State and Territorial Health Officials
Workshop Planning Committee Co-Chair

Tener Veenema
Professor of Nursing and Public Health
Johns Hopkins School of Nursing
Johns Hopkins Bloomberg School of Public Health
Workshop Planning Committee Co-Chair

Day 2 – August 23, 2018

8:00 AM **Welcome and Recap of Day One**

Jim Blumenstock

Chief Program Officer, Public Health Practice
Association of State and Territorial Health Officials
Workshop Planning Committee Co-Chair

Tener Veenema

Professor of Nursing and Public Health
Johns Hopkins School of Nursing
Johns Hopkins Bloomberg School of Public Health
Workshop Planning Committee Co-Chair

Session VI **Capability Building Challenges and Opportunities**

8:15 AM **Panel Discussion IV: Building Response Capability**

Moderator: **John Benitez**

Medical Director, Emergency Preparedness
Tennessee Department of Health

Amesh Adalja

Senior Scholar
Johns Hopkins University Center for Health Security

Steve Adams

Deputy Director, Division of Strategic National Stockpile
Office of Public Health Preparedness and Response
Centers for Disease Control and Prevention

Mary Casey-Lockyer

Senior Associate, Disaster Health Services
American Red Cross

Mary Pat Couig

Program Manager, Office of Nursing Services
Department of Veterans Affairs

James J. James

Executive Director
Society for Disaster Medicine and Public Health
Editor in Chief, *Disaster Medicine and Public Health Preparedness*

9:15 AM **Q/A**

9:30 AM **Panel Discussion V: Ensuring Workforce Readiness and Response Capacity**

Moderator: **John Koerner**

Senior Special Advisor, CBRNE Science & Operations
Office of the Assistant Secretary for Preparedness and Response
Department of Health and Human Services

Daniel Barnett

Associate Professor
Environmental Health and Engineering
Johns Hopkins Bloomberg School of Public Health

Michael Consuelos

Senior Vice President, Clinical Integration
The Hospital and Healthsystem Association of Pennsylvania

Roberta Lavin

Executive Associate Dean and Professor
College of Nursing, University of Tennessee

Ron Miller

Director (Acting), National Disaster Medical System
Office of the Assistant Secretary for Preparedness and Response
Department of Health and Human Services

RADM Susan Orsega

Chief Nursing Officer
U.S. Public Health Service

Tener Veenema

Professor of Nursing and Public Health
Johns Hopkins School of Nursing
Johns Hopkins Bloomberg School of Public Health
Workshop Planning Committee Co-Chair

10:30 AM **Q/A**

10:45 AM *Break*

Session VII Workshop Wrap-Up

11:00 AM **Reaction Panel: Building Preparedness and Response Capability – A Way Forward**

Moderator: **Laura Wolf**

Director, Division of Critical Infrastructure Protection
Office of the Assistant Secretary for Preparedness and Response
Department of Health and Human Services

Steven M. Becker

Professor, Community & Environmental Health
Old Dominion University

John Benitez

Medical Director, Emergency Preparedness
Tennessee Department of Health

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Senior Special Advisor, CBRNE Science & Operations
Office of the Assistant Secretary for Preparedness and Response
Department of Health and Human Services

Roberta Lavin
Executive Associate Dean and Professor
College of Nursing, University of Tennessee

12:00 PM **Closing Remarks**

Robert P. Kadlec
Assistant Secretary for Preparedness and Response
Department of Health and Human Services

12:45 PM **Day Two Wrap-Up**

Jim Blumenstock
Chief Program Officer, Public Health Practice
Association of State and Territorial Health Officials
Workshop Planning Committee Co-Chair

Tener Veenema
Professor of Nursing and Public Health
Johns Hopkins School of Nursing
Johns Hopkins Bloomberg School of Public Health
Workshop Planning Committee Co-Chair

1:00 PM **Adjourn Workshop**