

**Monday, March 21, 2011
Optional Training Day**

7:30 AM - 8:30 AM **Networking Breakfast** *Pre-function ABC*

8:30 AM – 10:00 AM **Radiation Basics (PC1)** *Ravinia ABC*

Description:
This session will provide an overview of radiation hazards and the public health and medical response to radiation emergencies.

Speaker:
Armin Ansari, PhD, CHP, Health Physicist, Radiation Studies Branch, CDC

10:00 AM - 11:30 PM **Radiation Basics:
Radiation Emergencies and Public Health (PC1)** *Ravinia ABC*

Description:
This session will provide an overview of radiation hazards and the public health and medical response to radiation emergencies.

Speaker:
Armin Ansari, PhD, CHP, Health Physicist, Radiation Studies Branch, CDC

11:30 AM – 12:00 PM **Radiation Basics:
Medical Reserve Corps and Radiation Emergencies (PC1)** *Ravinia ABC*

Speaker:
Sherwin Levinson, MBA, Director, Georgia East Metro Medical Reserve Corps, (MRC GEM)

12:00 PM – 1:30 PM **Lunch (on your own)**

1:30 PM - 4:30 PM **Concurrent Session:
Applied Clinical Management of Radiation Casualties (PC2)** *Ravinia ABC*

Description:
For medical personnel. This 3-hour session will provide detailed information about treating radiation-induced injury and illness.

Moderator:
CAPT Jeffrey B. Nemhauser, MD, U.S. Public Health Service, Medical Officer, Radiation Studies Branch, CDC

Speakers:
Ronald Goans, MS, PhD, MD, MPH, Senior Medical/Scientific Advisor, Radiation Emergency Assistance Center/Training Site (REAC/TS)
David Weinstock, MD, Assistant Professor, Department of Medicine, Harvard Medical School
Doran Christensen, DO, Associate Director and Staff Physician, Radiation Emergency Assistance Center/Training Site (REAC/TS)



**Monday, March 21, 2011
Optional Training Day**

1:30 PM - 4:30 PM

Concurrent Session: *Ravinia EFG*
Tools and Strategies for Public Health Response to Radiation Emergencies (PC3)

Description:

For public health and emergency management personnel. This 3-hour session will provide detailed information about public health response strategies and demonstrate new training and planning tools.

Moderator:

Armin Ansari, PhD, CHP, Health Physicist, Radiation Studies Branch, CDC

Speakers:

Kevin Caspary, MPH, Health Education Specialist, Oak Ridge Institute for Science and Education

Arthur Chang, MD, MS, Medical Officer, Toxicologist, Health Studies Branch, CDC

Michelle Podgornik, MPH, Epidemiologist, Health Studies Branch, CDC

Leeanna Allen, MPH, CHES, Health Education Specialist, Oak Ridge Institute for Science and Education

6:00 PM - 7:30 PM

Welcome Reception

Market Bistro 55

Tuesday, March 22, 2011
Setting the Stage: Local and State Response

7:30 AM – 8:30 AM	Networking Breakfast	<i>Pre-function ABC</i>
8:30 AM – 8:45 AM	Welcome Charles Miller , MS, PhD, Chief, Radiation Studies Branch, CDC	<i>Ravinia ABCD</i>
	Speakers: Thomas R. Frieden , MD, MPH, Director, CDC, Administrator, Agency for Toxic Substances and Disease Registry Judy Qualters , PhD, Acting Director, Environmental Hazards and Health Effects, National Center for Environmental Health, CDC	
8:45 AM – 9:15 AM	Plenary: Why Are We Here? (PL1)	<i>Ravinia ABCD</i>
	Description: The lecture will focus on identifying the real threat presented by radiation emergencies. The speaker will discuss the political landscape and how it is not difficult to obtain the materials or to engineer an explosive device. The discussion will emphasize that a radiation emergency will require a multi-agency, multi-discipline response. Speaker: Brian Kamoie , JD, Senior Director, All-Hazards Medical Preparedness Policy, White House National Security Staff	
9:15 AM – 10:30 AM	Plenary: Setting the Stage (PL1)	<i>Ravinia ABCD</i>
	Description: This panel presentation will focus on the federal, state and local efforts to prepare for and respond to a radiation emergency. The role of public health in radiation emergency response and state and local level response initiatives will be showcased. Speakers: Judy Qualters , PhD, Acting Director, Environmental Hazards and Health Effects, National Center for Environmental Health, CDC RADM Nicole Lurie , MD, MSPH, Assistant Secretary for Preparedness and Response, U.S. Department of Health and Human Services Alexander Garza , MD, MPH, Assistant Secretary for Health Affairs and Chief Medical Officer, Office of Health Affairs, U.S. Department of Homeland Security James Kish , Director, Technological Hazards Division, National Preparedness Directive, Federal Emergency Management Agency, U.S. Department of Homeland Security Damon Arnold , MD, MPH, Director, Illinois Department of Public Health	
10:30 AM – 11:00 AM	Networking Break	

Tuesday, March 22, 2011
Setting the Stage: Local and State Response

11:00 AM – 12:30 PM

Plenary: Public Health Operations and Capabilities (PL2)

Ravinia ABCD

Description:

The panel will define and discuss the role of public health in the planning and response to radiation emergencies. The emphasis will be on preparedness efforts and response capabilities at the state and local levels and provide examples of how to build radiation emergency response capabilities. Discussion will include similarities to and differences from other public health emergencies.

Speakers:

RADM Ali S. Khan, MD, MPH, U.S. Public Health Service, Assistant Surgeon General, Director, Office of Public Health Preparedness and Response, CDC

James H. Craig, III, Director, Health Protection, Mississippi State Department of Health

CAPT Narayan Nair, MD, USPHS, Senior Program Officer Deployment

Operations, Office of the Surgeon General, Office of the Civilian Volunteer Medical Reserve Corps

Armin Ansari, PhD, CHP, Health Physicist, Radiation Studies Branch, CDC

12:30 PM – 1:30 PM

Lunch (provided)

1:30 PM – 3:00 PM

**Medical Response Breakout Session:
Logistical Issues for Medical Response (A1)**

Dunwoody

Description:

The medical response to a mass casualty radiation emergency is complex and requires additional planning efforts at the state and local level. The need for medical personnel, equipment and supplies will often overwhelm state and local capability. Panelists will discuss the delivery of federal assets, including National Disaster Medical System and Strategic National Stockpile as a means of supplementing state and local resources in a scarce resource environment.

Moderator:

John F. Koerner, MPH, CIH, Chief, CBRNE Branch, Division of Preparedness Planning, Office of Preparedness and Emergency Operations, Assistant Secretary for Preparedness and Emergency Operations, U.S. Department of Health and Human Services

Speakers:

CAPT Allen Dobbs, MD, U.S. Public Health Service, Chief Medical Officer, National Disaster Medical System, Office of Assistant Secretary for Preparedness and Response, U.S. Department of Health and Human Services

Richard Hatchett, MD, Chief Medical Officer and Deputy Director, Biomedical Advanced Research & Development Authority

Leticia Mathis, SNS Program Administrator (Former), Office of Emergency Preparedness, Division of Emergency Preparedness and Response, Georgia Department of Community Health

Tuesday, March 22, 2011

Setting the Stage: Local and State Response

1:30 PM – 3:00 PM

Psychosocial, Behavioral and Risk Communication Issues *Ravinia EFG*
Breakout Session: Planning for Psychosocial and Behavioral Health in a Radiation Emergency (A2)

Description:

This session provide an overview of the unique psychosocial and behavioral health effects of radiation emergencies. Emphasis will be placed on the benefit of behavioral health planning, disaster mental health teams and family assistance centers.

Moderator:

Jack Herrmann, MEd., NCC, LMHC, Senior Advisor, Public Health Preparedness, National Association of County and City Health Officials

Speakers:

Rob Yin, MSW, LISW, Manager, Disaster Mental Health, American Red Cross
Sandra Shields, MA, LMFT, CTS, Senior Disaster Services Analyst, Los Angeles County Department of Health Services, Emergency Medical Services Agency
Onora Lien, MA, Health System Response Planner, King County Healthcare Coalition, Public Health – Seattle & King County, Washington

1:30 PM – 3:00 PM

Public Health Operations Breakout Session: *Ravinia ABCD*
Public Health Functions Under Emergency Support Function Eight and the Radiological and Nuclear Annex (A3)

Description:

This session will explain some of the standard assets and additional resources which may be deployed in a radiation emergency. These resources include the Radiation Injury Treatment Network (RITN), Radiological Emergency Medical Management (REMM) website, the White House National Security Staff Improvised Nuclear Device (IND) Planning Guidance, the HHS/ASPR MedMap situational awareness application, a state and local planners playbook that aligns with the ESF 8 IND Playbook, guidance for the allocation of scarce medical resources, and a potential Radiation Laboratory Network (Rad-LN).

Moderator:

Robert Whitcomb, Jr., PhD, CHP, Lead Physical Scientist, Radiation Studies Branch, CDC

Speakers:

John F. Koerner, MPH, CIH, Chief, CBRNE Branch, Division of Preparedness Planning, Office of Preparedness and Emergency Operations, Assistant Secretary for Preparedness and Emergency Operations, U.S. Department of Health and Human Services
Gregory T. Banner, MS, CEM, Regional Emergency Coordinator, Region I, U.S. Department of Health and Human Services
Robert Burhans, Director (Retired), Office of Health Emergency Preparedness, New York State Department of Health
David Allard, MS, CHP, Director, Pennsylvania Department of Environmental Protection, Bureau of Radiation Protection

3:00 PM – 3:30 PM

Networking Break

Tuesday, March 22, 2011

Setting the Stage: Local and State Response

3:30 PM – 5:00 PM

Medical Response Breakout Session: *Dunwoody*
Triage and Screening at Hospitals Following a Radiation Emergency (B1)

Description:

This session will describe radiation detection equipment needs and use in the hospital setting. Techniques used for detecting radioactive contamination will be described and appropriate management of severely injured, contaminated patients will be discussed.

Moderator:

RADM Scott Deitchman, MD, MPH, U.S. Public Health Service, Associate Director for Terrorism Preparedness and Emergency Response, CDC/NCEH-ATSDR

Speakers:

Donna Earley, MS, Director, Environmental Health and Safety, Cedars-Sinai Medical Center

Robert Feldman, MD, FAAEM, Senior Attending Physician, Assistant Medical Director, Assistant Professor, Department of Emergency Medicine, Cook County Hospital

James J. James, MD, DrPH, MHA, Director, Center for Public Health Preparedness and Disaster Response, Editor-in-Chief, Journal of Disaster Medicine and Public Health Preparedness, American Medical Association

David Weinstock, MD, Assistant Professor, Department of Medicine, Harvard Medical School

3:30 PM – 5:00 PM

Psychosocial, Behavioral and Risk Communication Issues *Ravinia EFG*
Breakout Session: Tools and Resources for Psychosocial and Behavioral Health Planning and Preparedness (B2)

Description:

This session will discuss available tools and training on mental health and psychosocial issues in a radiation emergency. These tools include training resources developed by NACCHO/APC, CDC, National Center for School Crisis and Bereavement, and the National Center for Child Traumatic Stress.

Moderator:

Steven M. Becker, PhD, Associate Professor of Public Health and Vice Chair, Department of Environmental Health, University of Alabama at Birmingham

Speakers:

Melissa Brymer, MA, MS, PhD, PsyD, Director, Terrorism and Disaster Programs, University of California Los Angeles/Duke National Center for Child Traumatic Stress

Robin Gurwitch, MA, PhD, Professor and Program Coordinator, National Center for School Crisis and Bereavement, Cincinnati Children's Hospital Medical Center

Richard King, PhD, Associate Professor, Health Care Sciences/Emergency Medicine and Director of Education and Research, Section on EMS, Disaster Medicine, and Homeland Security, University of Texas Southwestern Medical Center

Carol North, MD, MPE, Professor of Psychiatry, University of Texas Southwestern Medical Center Department of Psychiatry

Merritt Schreiber, PhD, Director, Psychological Programs, Center for Disaster Medical Sciences, Associate Clinical Professor of Emergency Medicine, University of California Irvine School of Medicine

Tuesday, March 22, 2011



Setting the Stage: Local and State Response

3:30 PM – 5:00 PM

Public Health Operations Breakout Session: *Ravinia ABCD*
Situational Awareness and Assessment for Decision Makers (B3)

Description:

This session will describe the planning considerations that need to be addressed in responding to a radiation emergency. The discussion will describe resources provided by the Federal Emergency Management Agency, the Nuclear Regulatory Commission, and the National Nuclear Security Administration to assist decision makers with situational awareness. Plume modeling and its uses in evacuation and shelter-in-place decision making will be discussed.

Moderator:

William Irwin, MS, MBA, ScD, CHP, Radiological Health Chief, Vermont
Department of Health

Speakers:

James Kish, Director, Technological Hazards Division, National Preparedness Directive, Federal Emergency Management Agency, U.S. Department of Homeland Security



Wednesday, March 23, 2011
Current Capacity and Gaps: Local, State and Federal Response

7:30 AM – 8:30 AM	Networking Breakfast	<i>Pre-function ABC</i>
8:30 AM – 10:30 AM	<p>Welcome Charles Miller, MS, PhD, Chief, Radiation Studies Branch, CDC</p> <p>Plenary: Gaps and Useful Practices (PL3)</p> <p>Description: This session will highlight practices from state and local public health that have worked successfully to advance radiation emergency preparedness. Communications surrounding Three Mile Island, Los Angeles County’s integration of multiple agencies into planning efforts, New York City’s Radiation Safety Officer training, and Florida’s recruitment and training of radiation volunteers provide examples of useful practices in risk communication, planning, training and staffing.</p> <p>Speakers: Jack Herrmann, MEd, NCC, LMHC, Senior Advisor, Public Health Preparedness, National Association of County and City Health Officials Harold Denton, Director (Former 1978-1987), Office of Nuclear Reactor Regulation, U. S. Nuclear Regulatory Commission Katherine Uранеck, MS, MD, Senior Medical Coordinator, Healthcare Emergency Preparedness Program, New York City Department of Health and Mental Hygiene John Williamson, MS, Environmental Administrator, Bureau of Radiation Control, Florida Department of Health</p>	<i>Ravinia ABCD</i>
10:30 AM – 11:00 AM	Networking Break	
11:00 AM – 12:30 PM	<p>Regional Breakout Sessions</p> <p>Description: There will be 10 parallel sessions for each U.S. HHS region. Participants will be briefed on the initiatives in their region and given specific questions to discuss in small groups about the planning and preparedness initiatives taking place in their areas</p>	
12:30 PM – 1:30 PM	Lunch (provided)	



Wednesday, March 23, 2011
Current Capacity and Gaps: Local, State and Federal Response

1:30 PM – 3:00 PM

**Medical Response Breakout Session:
Tools for Managing Patients (C1)**

Dunwoody

Description:

This panel will discuss tools to assist clinicians responding to a mass casualty radiation emergency.

Moderator:

Doran Christensen, DO, Associate Director and Staff Physician, Radiation Emergency Assistance Center/Training Site (REAC/TS)

Speakers:

Edward J. Waller, MScE, PhD, P. Eng., CAIH, CHP, Associate Professor, Energy Engineering and Nuclear Science, University of Ontario Institute of Technology

Nicholas Dainiak, MD, Chairman of Medicine and Clinical Professor of Internal Medicine, Bridgeport Hospital and Yale University School of Medicine

Ronald Goans, MS, PhD, MD, MPH, Senior Medical/Scientific Advisor, Radiation Emergency Assistance Center/Training Site

1:30 PM – 3:00 PM

**Psychosocial, Behavioral and Risk Communication Issues
Breakout Session: Communications Issues Following a
Radiation Emergency (C2)**

Ravinia EFG

Description:

Communicating with the public is an essential component of a successful response to radiation emergencies. The panel will provide specific guidance concerning communications planning and messaging in a radiation emergency.

Moderator:

Thom Berry, Director, Division of Media Relations, South Carolina Department of Health and Environmental Control

Speakers:

Grant Coffey, Hazardous Materials Team Coordinator, Portland Fire & Rescue

Korey Jackson, MS, Program Manager, L-3 Communications

Frieda Fisher-Tyler, MHS, CIH, Radiation Control Program Director, Delaware Division of Public Health

Katrina Pollard, Health Communication Specialist, Radiation Studies Branch, CDC

Wednesday, March 23, 2011

Current Capacity and Gaps: Local, State and Federal Response

1:30 PM – 3:00 PM

**Public Health Operations Breakout Session:
Reception Centers and Sheltering (C3)**

Ravinia ABCD

Description:

The state of Florida has a long history of preparing for and successfully responding to natural disasters. Building on this experience, planners in Florida have developed an integrated approach to address the needs of displaced population in a radiation emergency. Topics include mass care and need for monitoring and screening of people and pets in a congregate care facility.

Moderator:

Armin Ansari, PhD, CHP, Health Physicist, Radiation Studies Branch, CDC

Speakers:

John Williamson, MS, Environmental Administrator, Bureau of Radiation Control, Florida Department of Health

Mike Geier, Radiological Emergency Preparedness Planner, Palm Beach County Division of Emergency Management

3:00 PM – 3:30 PM

Networking Break

3:30 PM – 5:00 PM

**Medical Response Breakout Session:
Keeping Receivers and First Responders Safe (D1)**

Dunwoody

Description:

Keeping first responders and first receivers safe in a radiation emergency is vital to radiation emergency response efforts. This panel will discuss plans to safeguard first responders and first receivers, and safely transport contaminated patients.

Moderator:

CAPT Jeffrey B. Nemhauser, MD, U.S. Public Health Service, Medical Officer, Radiation Studies Branch, CDC

Speakers:

Carol Iddins, MD, Staff Physician, Radiation Emergency Assistance Center/Training Site (REAC/TS)

Robert C. Beauchamp, RN, BSN, NREMT-P, Nurse/Paramedic, Radiation Emergency Assistance Center/Training Site (REAC/TS)

CAPT James Spahr, MPH, U.S. Public Health Service, Associate Director for Emergency Preparedness, National Institute for Occupational Safety and Health



3:30 PM – 5:00 PM

Psychosocial, Behavioral and Risk Communication Issues *Ravinia EFG*
Breakout Session: Challenges in New Technologies for Communications (D2)

Description:

This session will discuss the role of social media and networking in emergency communication with the public. The panel will describe CDC's social media toolkit, and incorporation of social media into state emergency preparedness programs, media relations, as well as specific examples of social marketing.

Moderator:

Ann Wright, MA, Director of Communications, Office of Health Communications and Marketing, Arkansas Department of Health

Speakers:

Diane Brodalski, Social Media Specialist, Northrop Grumman Contractor, National Center for Health Marketing, CDC

Kerry Shearer, Social Media & Video Evangelist, Kerry Shearer Communications|Social Media|Video Consulting

Kate Fowlie, Communications Officer, Contra Costa Health Services, Martinez, California

Nick Alexopoulos, Media Relations Specialist, Center for Health and Homeland Security, University of Maryland

Wednesday, March 23, 2011

Current Capacity and Gaps: Local, State and Federal Response

3:30 PM – 5:00 PM

Public Health Operations Breakout Session: *Ravinia ABCD*
Epidemiology and Health Surveillance in a Radiation Emergency (D3)

Description:

In this session, recent radiation public health emergency exercises that have integrated epidemiology and urine bioassays to detect internal contamination into the population monitoring process will be discussed, including challenges and lessons learned. Epidemiologic tools being developed for collecting data from Community Reception Centers, hospitals, and other settings will be presented.

Moderator:

CAPT Lauren Lewis, MD, MPH, U.S. Public Health Service, Chief, Health Studies Branch, CDC

Speakers:

Michael Heumann, MA, MPH, Epidemiologist, Emergency Preparedness Planning & Occupational Public Health, Oregon Public Health Division, Department of Human Services

Neil Muscatiello, MS, Epidemiologist, Bureau of Environmental and Occupational Epidemiology, Center for Environmental Health, New York State Department of Health

Cyrus Rangan, MD, FAAP, Director, Toxics Epidemiology Program, Los Angeles County Department of Public Health

5:00 PM – 8:00 PM

Community Reception Center Interactive Tour *Maplewood Hall*

Description:

Following a mass casualty radiation emergency, public health professionals will play a crucial role in assessing and monitoring people potentially exposed to radiation or contaminated with radioactive material. This process, called population monitoring, will be conducted in community reception centers (CRCs). This tour will allow participants to walk through a mock CRC and learn more about services offered at a CRC, including contamination screening, decontamination, registration, and radiation dose assessment. Preregistration is required and is now closed for this event.



**Thursday, March 24, 2011
Integrated Response: Bringing It Together**

7:30 AM – 8:15 AM **Networking Breakfast** *Pre-function ABC*

8:15 AM – 9:30 AM **Welcome** *Ravinia ABCD*
Charles Miller, MS, PhD, Chief, Radiation Studies Branch, CDC

Plenary: Building Partnerships (PL4)

Description:
This panel will discuss the need for national, regional and state and local partnerships to ensure robust planning and response networks for radiation emergencies.

Speakers:
James Blumenstock, MA, Chief Program Officer, Public Health Practice, Association of State and Territorial Health Officials
Adela Salame-Alfie, PhD, Assistant Director, Division of Environmental Health Investigation, New York State Department of Health
William F. Stephens, MS, Advanced Practice Center Manager, Tarrant County Public Health
Ruth McBurney, MS, Executive Director, Conference of Radiation Control Program Directors, Inc.

9:30 AM – 9:45 AM **Networking Break**

9:45 AM – 11:15 AM **Plenary: Funding Opportunities and Challenges (PL5)** *Ravinia ABCD*

Description:
Funding from a variety of sources is available to support radiation emergency preparedness efforts. This session will discuss the funding environment and how these resources can be used for planning and response to radiation emergencies.

Speakers:
Christine Kosmos, MS, Director, Division of State and Local Readiness, Office of Public Health Preparedness and Response, CDC
Christa Singleton, MD, MPH, Associate Director of Science, Division of State and Local Readiness, Office of Public Health Preparedness and Response, CDC
RADM Clare Helminiak, MD, MPH, U.S. Public Health Service, Deputy Director for Medical Surge, Office of the Assistant Secretary for Preparedness and Response, U.S. Department of Health and Human Services

11:15 AM – 12:00 PM **Closing Session and Charge to Participants** *Ravinia ABCD*

Speaker:
Charles Miller, MS, PhD, Chief, Radiation Studies Branch, CDC