



Draft Agenda

June 12, 2008

8:00 – 9:00

Continental Breakfast and Registration

9:00 – 9:05

Welcome and Introduction by the Conference Chair

Mark Gungoll, *Program Director*, CHEMICAL, BIOLOGICAL, AND RADIOLOGICAL TECHNOLOGY ALLIANCE (CBRTA)

9:05 – 9:30

Status Report: U.S. Government’s Chemical, Biological, Radiological and Nuclear Detection R&D Agenda

John Clerici, *Partner*, McKenna Long & Aldridge LLP

Intelligence Community and the CBRN Threat – Needs and Development Opportunities

9:30 – 10:00

Keynote Address: Strategic Plan for CBRN Detection Investment and Development

Rita Colwell, Ph.D., *Chairman*, Canon US Life Sciences, Inc., *Distinguished Professor*, University of Maryland College Park and Johns Hopkins University Bloomberg School of Public Health

10:00 – 10:30

In-Q-Tel’s Chemical, Biological and Explosive Detection Research Opportunities

- In-Q-Tel’s biological, chemical and explosive detection R&D priorities – near, mid-, and long-term
- Funded programs and projects
- Opportunities for participation
- Process for pursuing current and future research and development opportunities

Sydney Ulvick, Ph.D., *Vice President, Bio, Nano, and Chemical Technology Practice, In-Q-Tel*

10:30 – 11:15 Morning Networking Break

Chemical, Biological, Radiological and Nuclear Detection R&D Funding Opportunities

11:15 – 11:45 **National Institute of Allergy and Infectious Diseases’
Chemical, Biological, Radiological and Nuclear Diagnostics
Research and Development Opportunities**

- National Institute of Health support for diagnostics of NIAID Category A, B and C pathogens and toxins – near, mid- and long-term priorities
- Funded programs and projects
- Opportunities for participation
- Process for pursuing current and future research and development opportunities

Maria Giovanni, Ph.D., *Assistant Director for Microbial Genomics, Division of Microbiology and Infectious Diseases, National Institute of Allergy and Infectious Diseases, NIH*

Chemical and Biological R&D Funding Opportunities

11:45 – 12:15 **Defense Advanced Research Projects Agency’s Chemical and Biological Detection Research and Development Opportunities**

- DARPA’s chemical, biological, radiological and nuclear detection R&D priorities - near, mid- and long-term
- Funded programs and projects
- Opportunities for participation
- Process for pursuing current and future research and development opportunities

Dennis Polla, *Program Manager, Microsystems Technology Office, Defense Advanced Research Projects Agency*

12:15 – 1:45 Group Luncheon

1:45 – 2:15 **Defense Threat Reduction Agency’s Chemical and Biological Detection Research and Development Opportunities**

- DTRA’s chemical and biological detection R&D priorities - near, mid- and long-term
- Funded chemical and biological programs and projects
- Opportunities for participation
- Process for pursuing current and future research and development opportunities

Bryan Horner, Ph.D., *Physical Scientist, ChemBio Detection, Defense Threat Reduction Agency*

2:15 – 2:45

Department of Homeland Security's Chemical and Biological Detection Research and Development Opportunities

- DHS's chemical and biological detection R&D priorities - near, mid- and long-term
- Funded programs and projects
- Opportunities for participation
- Process for pursuing current and future research and development opportunities

Anne Hultgren, Ph.D., *Program Manager, CBD R&D Branch, Science & Technology Directorate, Department of Homeland Security (tentative)*

2:45 – 3:30

Afternoon Networking Break

3:30 – 4:00

Joint Program Executive Office for Chemical and Biological Defense Chemical and Biological Detection Research and Development Opportunities

- JPEO-CBD's chemical and biological detection R&D priorities - near, mid- and long-term
- Funded programs and projects
- Opportunities for participation
- Process for pursuing current and future research and development opportunities

Michael Walter, Ph.D., *Senior Staff Scientist, Joint Program Executive Office for Chemical and Biological Defense*

Radiological and Nuclear Research and Development Opportunities

4:00 – 4:30

DOE's National Nuclear Security Administration Nonproliferation Radiation Detection and Radiation Detection Materials Research and Development Opportunities

- NNSA's radiation detection R&D priorities – near, mid- and long-term
- Funded programs and projects
- Opportunities for participation – BAA and SBIR
- Process for pursuing current and future research and development opportunities

Robert Mayo, Ph.D., *Program Manager, SNM Movement Detection/Radiation Sensors, and Advanced Materials Programs*

Office of Proliferation Detection, Office of Nonproliferation Research and Development, Office of Defense Nuclear Nonproliferation, National Nuclear Security Administration, Department of Energy

June 13, 2008

8:00 – 9:00

Continental Breakfast and Registration

9:00 – 9:05

Welcome and Introduction by the Conference Chair

Mark Gunggoll, *Program Director*, CHEMICAL, BIOLOGICAL, AND RADIOLOGICAL TECHNOLOGY ALLIANCE (CBRTA)

Radiological and Nuclear Research and Development Opportunities

9:05 – 9:30

Department of Homeland Security's Domestic Nuclear Detection Office's Radiological and Nuclear Detection Opportunities

- DNDO's radiological and nuclear detection R&D priorities - near, mid- and long-term
- Funded programs and projects
- Opportunities for participation
- Process for pursuing current and future research and development opportunities

Joel Rynes, Ph.D., PMP, *Program Manager, Transformational and Applied Research Directorate*, Domestic Nuclear Detection Office, Department of Homeland Security

9:30 – 10:00

Defense Threat Reduction Agency's Radiological and Nuclear Detection Research and Development Opportunities

- DTRA's radiological and nuclear detection R&D priorities - near, mid- and long-term
- Funded programs and projects
- Opportunities for participation
- Process for pursuing current and future research and development opportunities

Edward Turano, Ph.D., *Director, Nuclear Technologies Directorate*, Defense Threat Reduction Agency

10:00 – 10:45

Morning Networking Break

Case Study

10:45 – 12:00

Case Study of Successful Deployment of Detection Project

This session will focus on the most successful Government/private collaborations in the development and deployment of a detection solution: The USPS Biological Detection System (BDS). This session will track the progression of the program and its associated challenges in developing and standing up a system in less than two years.

Presenters:

Patrick Mendonca, *Senior Director for Policy & Planning*, Office of the Deputy Postmaster General and *Chief Operating Officer*, U.S. Postal Service

Vit Vasista, *Manager, Biodefense Public Health*, PRTM Management Consultants