

4th Annual Federal Bio-Chem Detection R&D Opportunities

April 26-28, 2006 • Arlington, VA

Supporting Organizations:



Conference Agenda*

April 27, 2006

9:00 – 9:15 Welcome and Introduction by the Conference Chairman

Marilyn Ripin, Ph.D., *Vice President, Business Development*, SMITHS DETECTION and *Representative*, NBC INDUSTRY GROUP

9:15 – 10:15 Biological Detection Research Opportunities at the Department of Homeland Security—Research Priorities, Programs, and Funding

Keith Ward, Ph.D., *Office Director, CBRNE Defense*, HSARPA, U.S. DHS SCIENCE & TECHNOLOGY DIRECTORATE

- DHS's biological detection technology priorities
- DHS-funded biological programs and projects
- Opportunities for participation in these DHS programs
- The process for pursuing these opportunities

10:15 – 11:00 *Morning Refreshment and Networking Break*

* Each presentation will be followed by a question and answer session, providing attendees ample opportunity to ask the government representatives questions about the opportunities to collaborate with the government on the research and development of bio-chem detection technologies.

11:00 – 12:00 Chemical Detection Research Opportunities at the Department of Homeland Security—Research Priorities, Programs, and Funding

William S. Rees Jr., Ph.D., *Program Manager, Chem/Bio Technical Office,*
HOMELAND SECURITY ADVANCED RESEARCH PROJECT AGENCY,
DEPARTMENT OF HOMELAND SECURITY

- DHS's chemical detection technology priorities
- DHS-funded chemical programs and projects
- Opportunities for participation in these DHS programs
- The process for pursuing these opportunities

12:00 – 1:30 *Group Luncheon*

1:30 – 2:30 DOD Chemical and Biological Defense Program Detection Research Opportunities - Priorities, Programs and Funding

Ngai Wong, Ph.D., *Detection Capability Area Program Officer* JOINT
SCIENCE AND TECHNOLOGY OFFICE, DEFENSE THREAT
REDUCTION AGENCY

- DTRA's research plans and priorities
- The new programs that are being set up by DTRA and what program managers are trying to accomplish
- DTRA's plans for spending their FY 2005 funding
- Opportunities for academia and the commercial sector to participate
- The new product commercialization objectives

2:30 – 3:30 Joint Program Executive Office for Chemical And Biological Defense (JPEO-CBD) Bio-Chem Detection Research Opportunities—Priorities, Programs, and Funding

Michael Walter, Ph.D., *Senior Staff Scientist,* JOINT PROGRAM
EXECUTIVE OFFICE FOR CHEMICAL AND BIOLOGICAL DEFENSE

- JPEO-CBD's biological and chemical detection technological priorities
- JPEO-CBD-funded programs and projects
- Opportunities for participation
- The process for pursuing these opportunities

3:30 – 4:00 *Afternoon Refreshment and Networking Break*

Federal Bio-Chem Detection R&D Opportunities

Page 3 of 3

4:00 – 5:00 Bio-Chem Detection Research Opportunities at DARPA—Research Priorities, Programs, and Funding

Tom McCreery, *Program Manager*, DARPA/SPO

- DARPA's biological and chemical detection technology priorities
- DARPA-funded programs and projects
- Opportunities for participation at DARPA
- The process for pursuing these opportunities

5:00 – 6:00 *Networking Cocktail Reception*

Networking Fair

In what has traditionally developed into a key part of the event, the *Federal Bio-Chem Detection R&D Opportunities Networking Fair* provides the ideal opportunity for representatives from government, pharmaceutical and biotechnology companies, defense contractors, universities, schools of medicine and the public health community to come together to explore opportunities for partnering and collaboration.

Participating Government Agencies (to date):



DARPA



NSF



JPEO-CBD



DHS

April 28, 2006

8:00 – 9:00 Bio-Chem Detection Research Opportunities at the National Science Foundation—Research Priorities, Programs, and Funding

Geoffrey Prentice, *Interim Division Director, Division of Chemical & Transport Systems (ENG/CTS)*, NATIONAL SCIENCE FOUNDATION

- NSF's biological and chemical detection technology priorities
- NSF-funded programs and projects
- Opportunities for participation at NSF
- The process for pursuing these opportunities

Federal Bio-Chem Detection R&D Opportunities

Page 4 of 4

9:00 – 10:00 An Update on the DHS BioWatch bioaerosol detection System – Research & Development Priorities, Improvements, and Funding

LeeAnn Byrd, *Program Manager for Technology Transitions*, Department of Homeland Security

- Progress report on the Gen 1 and Gen 2 BioWatch Systems
- Opportunities for participation in BioWatch System
- Solicitations and awards process for Gen 3 BioWatch

10:00 – 11:00 *Morning Refreshment and Networking Break*

11:00 – 12:00 *Panel Discussion:*

The Future Bio-Chem Threat and the Landscape of Detection Technologies – Perspectives on Building a Robust Bio-Chem Detection Sector

Moderator:

Marilyn Ripin, Ph.D., *Vice President, Business Development*, SMITHS DETECTION and *Representative*, NBC INDUSTRY GROUP

Panelists:

John P. Carrico, Ph.D., *Director, Advanced Technology/Special Projects*, SMITHS DETECTION

Merlin Erickson, *Senior Program Manager*, BATTELLE

Richard Moore, Ph.D., *Director, Research and Technology Development Diagnostic Systems BD Diagnostics*, BECTON, DICKINSON AND COMPANY and member of CBRTA

Michael Walter, Ph.D., *Senior Staff Scientist*, JOINT PROGRAM EXECUTIVE OFFICE FOR CHEMICAL AND BIOLOGICAL DEFENSE

Keith Ward, Ph.D., *Office Director, CBRNE Defense*, HSARPA, U.S. DHS SCIENCE & TECHNOLOGY DIRECTORATE

Additional panelists to be announced

What will be the next generation of bio-chem threat and what detection technologies will be needed? Representatives from federal agencies and industry will discuss the challenges facing bio-threat detection and the role of government and the private sector in developing and commercializing future detection technologies.

12:00 *Conference Adjourns*