



BIOSURVEILLANCE CONFERENCE

“Creating a National Biosurveillance Strategy: Addressing the Shortfalls and Filling the Gaps”



CONFERENCE BROCHURE

WASHINGTON COURT HOTEL ON CAPITOL HILL ► WASHINGTON, DC

AUGUST 27-28, 2012

WWW.NDIA.ORG/MEETINGS/2320

EVENT #2320

MONDAY, AUGUST 27, 2012

- 7:00am – 6:00pm **REGISTRATION OPEN – GRAND BALLROOM FOYER**
- 7:00am – 8:30am **CONTINENTAL BREAKFAST – GRAND BALLROOM FOYER**
- 8:30am – 9:00am **WELCOME AND ADMINISTRATIVE REMARKS – GRAND BALLROOM**
- ▶ Mr. Richard Stouder, *Director, Technology Development and Deployment, Global Security Directorate, Oak Ridge National Laboratory*
 - ▶ MG Barry Bates, USA (Ret), *Vice President, Operations, NDIA*
- 9:00am – 10:00am **KEYNOTE ADDRESS – “1918 to 2001 to 2003 to 2009: Lessons Learned”**
- ▶ Ms. Laurie Garrett, *Author, Lecturer, Policy Analyst; Senior Fellow for Global Health, Council on Foreign Relations*
- 10:00am – 10:30am **“Cloud-Based Computational Biosurveillance Framework for Discovering Emergent Patterns from Big Data”**
- ▶ Dr. Arvind Ramanathan, *Computational Data Analytics Group, Oak Ridge National Laboratory*
- 10:30am – 11:00am **MORNING NETWORKING BREAK - GRAND BALLROOM FOYER**
- 11:00am – 11:30am **“International Systems for Monitoring Viral Chatter”**
- ▶ Dr. Brad Schneider, *Director of Laboratory Sciences, Metabiota (formerly, Global Viral Forecasting)*
- 11:30am – 12:00pm **“Biosurveillance in a Global Age: Harnessing the Expertise of the Broad Scientific Community”**
- ▶ Dr. C. Nicole Rosenzweig, *Research Biologist, Edgewood Chemical Biological Center*
- 12:00pm – 1:30pm **LUNCH AND NETWORKING OPPORTUNITY – ATRIUM BALLROOM**
- 1:30pm – 2:00pm **“Integrating Tiered Orthogonal Strategies into a Global Immune System”**
- ▶ Dr. David Hirschberg, *Assistant Professor of Clinical Pathology, Center for Infection and Immunity, Mailman School of Public Health, Columbia University*
- 2:00pm – 2:30pm **“The Future of Informatics-Enabled Biosurveillance”**
- ▶ Dr. Jason Paragas, *Special Assistant to the Director, Chemical & Biological Technologies Directorate, Defense Threat Reduction Agency (DTRA)*
- 2:30pm – 3:00pm **AFTERNOON NETWORKING BREAK – GRAND BALLROOM FOYER**
- 3:00pm – 4:30pm **POINT/COUNTER-POINT PANEL: “Biosurveillance 2017 – Will We Be Better Prepared?”**

Moderators:

- ▶ **Dr. Bob Kadlec**, *Vice President, Biodefense and Public Health, PRTM Management Consultants*
- ▶ **Mr. Bob Cottingham**, *Group Leader, Computational Biology and Bioinformatics, Oak Ridge National Laboratory*

Panelists:

- ▶ **Dr. Steve Bennett**, *Director, National Biosurveillance Integration Center (NBIC)*
- ▶ **Ms. Laurie Garrett**, *Author, Lecturer, Policy Analyst; Senior Fellow for Global Health, Council on Foreign Relations*
- ▶ **Dr. David Hirschberg**, *Center for Infection and Immunity, Mailman School of Public Health, Columbia University*
- ▶ **Dr. Harshini Mukundan**, *Scientist, Physical Chemistry and Applied Spectroscopy, Chemistry Division, Los Alamos National Laboratory*
- ▶ **Dr. Jason Paragas**, *Special Assistant to the Director, Chemical & Biological Technologies Directorate, Defense Threat Reduction Agency (DTRA)*
- ▶ **Dr. C. Nicole Rosenzweig**, *Research Biologist, Edgewood Chemical Biological Center*

4:30pm – 6:00pm

CONFERENCE RECEPTION – EXECUTIVE ROOM

TUESDAY, AUGUST 28, 2012

7:00am – 4:30pm

REGISTRATION OPEN – GRAND BALLROOM FOYER

7:00am – 8:00am

CONTINENTAL BREAKFAST – GRAND BALLROOM FOYER

8:00am – 8:10am

Administrative Remarks – GRAND BALLROOM

- ▶ **Mr. Richard Stouder**, *Director, Technology Development and Deployment, Global Security Directorate, Oak Ridge National Laboratory*

8:10am – 9:00am

KEYNOTE ADDRESS

- ▶ **Mr. Brian Kamoie**, *Senior Director for Preparedness Policy, National Security Staff, The White House*

9:00am – 9:40am

“Operations and Innovation in Homeland Security Biosurveillance – Use of Novel Data and Information for Early Warning and Shared Situational Awareness”

- ▶ **Dr. Steve Bennett**, *Director, National Biosurveillance Integration Center (NBIC)*

9:40am – 10:00am

MORNING NETWORKING BREAK – GRAND BALLROOM FOYER

10:00am – 10:30am

“HealthMap: Novel Sources of Information on Emerging Biological Threats”

- ▶ **Ms. Jane Huston**, *Program Coordinator, HealthMap*

TUESDAY, AUGUST 28, 2012 — *CONTINUED*

- 10:30am – 11:00am **“Early Work on the Grand Canyon: The Daunting Cultural, Political, and Technical Hurdles Slowing the Definition, Design, and Implementation of an Effective ‘One Health’ Biosurveillance System”**
- ▶ Mr. Tom Slezak, *Associate Program Leader, Informatics, Lawrence Livermore National Laboratory (LLNL)*
- 11:00am – 11:30am **“Bioinformatic Strategies for Biosurveillance”**
- ▶ Mr. Bob Cottingham, *Group Leader, Computational Biology and Bioinformatics, Oak Ridge National Laboratory*
- 11:30am – 1:00pm **LUNCH AND NETWORKING OPPORTUNITY – ATRIUM BALLROOM**
- 1:00pm – 1:30pm **“Predicting Events Based on Social Media Exposure: from the Arab Spring, Natural Disasters, to Disease Outbreaks”**
- ▶ Mr. Rishab Aiyer Ghosh, *Co-Founder & Chief Scientist, Topsy Labs, Inc.*
- 1:30pm – 2:00pm **“Using Social Media to Enhance Disease Surveillance”**
- ▶ Dr. Jacqueline Coberly, *Johns Hopkins University Applied Physics Laboratory*
- 2:00pm – 2:30pm **“Integration of Experimental and Textual Data for Biosurveillance”**
- ▶ Dr. Bobbie-Jo Webb-Robertson, *Senior Research Scientist, Pacific Northwest National Laboratory*
- 2:30pm – 3:00pm **AFTERNOON NETWORKING BREAK – GRAND BALLROOM FOYER**
- 3:00pm – 3:30pm **“Spatial and Temporal Data Fusion for Biosurveillance”**
- ▶ Ms. Karen Cheng, *Software Director, Health Effects and Medical Response Group, Applied Research Associates*
- 3:30pm – 4:00pm **“A Community Information Workbench for Global Biosurveillance”**
- ▶ Dr. Helen Cui, *Senior Scientist, Los Alamos National Laboratory*
- 4:00pm – 4:30pm **“Enabling Time-Effective Biosurveillance Data with Robust, Multiplexed Detection Tools”**
- ▶ Dr. Matthew Lesho, *Director, Government Business Development, Luminex Corporation*
- 4:30pm **CONFERENCE ADJOURNED**

UPCOMING NDIA CHEMICAL BIOLOGICAL DEFENSE EVENT

2370 - CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM APBI (FORMERLY JPEO-CBD APBI)

SEPTEMBER 19-21, 2012

HILTON BALTIMORE

BALTIMORE, MD

EVENT 2370

WWW.NDIA.ORG/MEETINGS/2370

The Chemical Biological Defense Program (CBDP) Advance Planning Briefings for Industry (APBI) is an annual event held to inform industry of future business opportunities, the direction of the Chemical CBDP, and future DoD requirements.

Those who attend this event have the ability to:

- View briefings that highlight specific contract opportunities over the next five years.
- Attend sessions that will discuss details on the Joint Service mid- and long-range science and technology research, development, test, and evaluation plans and programs, as well as future production projections, and emerging military requirements.
- Schedule one-on-one discussions with the Joint Project Managers responsible for advanced development and procurement, and representatives from the Joint Science and Technology Office responsible for technology base efforts.

FOR MORE INFORMATION, VISIT THE EVENT WEBSITE: WWW.NDIA.ORG/MEETINGS/2370

CONFERENCE PROCEEDINGS WILL BE AVAILABLE
FOR DOWNLOAD WITHIN 2 WEEKS OF THE
CONFERENCE AT:

<http://www.dtic.mil/ndia/2012bio/2012bio.html>

ATTENDEE LIST

Final attendee lists for the conference will be posted on the event website at www.ndia.org/meetings/2320, under the 'Attendee Information' tab, within 1 week of the conference.