



November 2, 2021

**Saving Sisyphus:
Course Corrections for National Biodetection**

OBJECTIVE

Provide the Bipartisan Commission on Biodefense with a better understanding of: (1) federal efforts to develop, acquire or otherwise secure proven, effective technology for a nationwide biodetection system (2) public and private advancements in environmental biodetection technology; and (3) mission requirements for 21st Century biodetection capabilities.

SCHEDULE

10:00 – 10:30 am **Opening Remarks**

10:30 – 11:15 am **The Anthrax Attacks, 20 Years Later**

Former Senate Majority Leader Tom Daschle will discuss the 2001 anthrax attacks and remaining national biodetection and biodefense needs.

The Honorable Thomas A. Daschle

Commissioner, Bipartisan Commission on Biodefense; former Majority Leader, U.S. Senate

11:15 am – 12:30 pm **Panel One: Current Biodetection Challenges and Considerations**

Experts will discuss whether currently emplaced environmental biodetectors enhance national biodefense (if at all), operational requirements and challenges for environmental biodetection, and how environmental biodetection limitations impact local responders.

Paul Benda, MS

Senior Vice President, Operational Risk and Cybersecurity, American Bankers Association; former Director, Homeland Security Advanced Research Projects Agency, Science and Technology Directorate, Department of Homeland Security; former Assistant Director, Project Integration Office, Pentagon Force Protection Agency, Department of Defense

Rachel Levinson, MA

Executive Director, National Research Initiatives, Arizona State University; former Assistant Director for Life Sciences, Office of Science and Technology and Policy, Executive Office of the President of the United States

12:30 – 1:15 pm **Lunch and Video**

1:15 – 2:30 pm **Panel Two: Private Sector Solutions for Biodetection**

Industry representatives will discuss biodetection technologies currently available and in use by various federal Departments and agencies, and the private sector that could be utilized now in national biodetection programs.

Charles “Chuck” Call, PhD

President and Chief Executive Officer, BioFlyte, Inc.

Warren Mino, PhD

Managing Director, Biotechnology, Smiths Detection, Inc.

Kristin Korte, MS

Director, Detection Program Management, Teledyne FLIR LLC.

2:30 – 2:45 pm

Break

2:45 – 4:00 pm

Panel Three: Improving the Federal Approach to Biodetection

Representatives from the national laboratories will describe viable efforts to develop biodetection technology and the need for a national biodetection architecture.

Anup Singh, PhD

Associate Director for Engineering, Lawrence Livermore National Laboratory

Harshini Mukundan, PhD

Group Leader (Acting), Physical Chemistry and Applied Spectroscopy and Team Leader, Chemistry for Biomedical Applications, Los Alamos National Laboratory

Brooke Harmon, PhD

Principal Member, Technical Staff, Sandia National Laboratories

4:00 – 4:15 pm

Closing Remarks

4:15 pm

Adjourn