

PONI 2012 Capstone Conference

Tuesday, March 19, 2013

Offutt AFB, Nebraska

Dougherty Conference Center

7:00 CONFERENCE CHECK-IN AND BREAKFAST

7:50 CONFERENCE WELCOME

Stephanie Spies, PONI Program Coordinator & Research Assistant, Center for Strategic and International Studies

8:00 PATHWAYS AND OBSTACLES TO FUTURE ARMS CONTROL AND LOWER NUMBERS

Moderator: Ambassador Linton Brooks, Nonresident Senior Advisor, the Center for Strategic and International Studies

“Conventional” Roadblocks: Impacts on U.S.-Russian Stockpile Reductions

Alexis Blanc, Program Analyst, National Nuclear Security Administration

Bioweapons: Impediment on the Road to Zero?

Eli Jacobs, Research Assistant, Center for Strategic and International Studies

Breaking the 'tactical' nuclear deadlock

Wilbert van der Zeijden, International Relations Specialist, IKV Pax Christi

Supporting Arms Control Initiatives with Technology: The Benefits and Challenges of using Active monitoring in support of verification

Jay Brotz, Senior Systems Engineer, Sandia National Laboratories

9:20 BREAK

9:30 FISSILE MATERIALS AND NUCLEAR SECURITY

Moderator: Dr. Elizabeth Turpen, Independent Consultant

Achieving Disarmament and Permanent Threat Reduction By Eliminating Nuclear Materials

Casey Deering, Foreign Affairs Specialist for Fissile Materials Disposition, National Nuclear Security Administration

Changing Guardians: Options for Negotiating the FMCT Outside the Conference on Disarmament

Andrea Berger, Research Fellow for Nuclear Analysis, Royal United Services Institute

Technical Cooperation with India and Pakistan as a Confidence-Building and Transparency Measure

Laura Schmidt Denlinger, Senior Nonproliferation Specialist, Pacific Northwest National Laboratory

Assessing the Significance of States Possessing Radiological Weapons

Nathan Donohue, Senior Analyst, Guardian Six Consulting

10:50 BREAK**11:00 21ST CENTURY DETERRENCE AND STRATEGIC STABILITY**

Moderator: Dr. Richard Wagner, Nonresident Senior Advisor, the Center for Strategic and International Studies

Missile Defense in the 21st Century: Technical Efficacy and Deterrence

Eric Auner, Senior Analyst, Guardian Six Consulting

The Intrinsic Value of the TRIAD

Rachelle Smith, Systems Engineer, Northrop Grumman Corporation

The Future of Strategic Stability in Europe

Matthew Fargo, Research Associate, PONI, the Center for Strategic and International Studies

The Growth of an Indian Nuclear Navy

Jake Thompson, Naval Reactor Design, Rolls-Royce

12:20 LUNCH AND AFTERNOON KEYNOTE

Dr. John Hamre, President and CEO, Center for Strategic and International Studies

1:50 THE FINDINGS OF THE PONI WORKING GROUP ON U.S.-CHINA NUCLEAR DYNAMICS

In February 2012, PONI commissioned a group of leading next generation experts on nuclear and East Asia/China issues to provide recommendations for a way forward on U.S.-China nuclear dynamics. The group, chaired by Elbridge Colby and Abraham Denmark, concluded its work in early 2013 after multiple meetings, interviews with senior officials and experts, and visits to Beijing and Tokyo. The group co-chairs will brief the findings of their effort.

Elbridge Colby, Principal Analyst and Division Lead, Global Strategic Affairs, Center for Naval Analyses

Abraham Denmark, Vice President for Political and Security Affairs, The National Bureau of Asian Research

2:20 BREAK**2:30 NONPROLIFERATION HARD CASES AND THE FUTURE OF THE NPT**

Moderator: Dr. Hans Kristensen, director of the Nuclear Information Project, the Federation of American Scientists

Containing Iran: Why the Taboo Strategies of Engagement and Containment are the Right Ones

Robert Reardon, Research Fellow, Belfer Center for Science and International Affairs, Harvard University

Legal Dilemmas: Iran's Nuclear Program and the Non-Proliferation Treaty

Tom Coppen, Researcher, Centre for Conflict and Security Law

A Bird's Eye View of North Korea's Nuclear Program

Niko Milonopoulos, Research Assistant, Center for International Security and Cooperation, Stanford University

Pakistan 2014: Understanding Proliferation Challenges

Egle Murauskaite, Research Associate, James Martin Center for Nonproliferation Studies (CNS)

3:50 BREAK

4:00 NEW TOOLS AND PERSPECTIVES IN NON-PROLIFERATION

Moderator: Dr. Joseph Pilat, Senior Advisor, National Security Office, Los Alamos National Laboratory

Prioritizing Acquisition Pathways in the State Level Concept

Chantell Murphy, Los Alamos National Laboratory

Partnership with the Private Sector: Addressing the Illicit Procurement of Proliferation-Sensitive Goods

Daniel Salisbury, Researcher, Centre for Science and Security Studies and Project Alpha, King's College London

The Article IV Debate: Surveying the Normative Landscape

Lindsay Kreslake, National Security Office, Los Alamos National Laboratory

5:00 END OF PRESENTATION PANELS

6:00 RECEPTION AT THE PATRIOT CLUB

6:45 DINNER AND EVENING KEYNOTE

General Robert Kehler, Commander, United States Strategic Command

8:00 END OF CONFERENCE