

**2009 PONI SUMMER CONFERENCE
PRICE CENTER WEST
BALLROOM A
UNIVERSITY OF CALIFORNIA, SAN DIEGO**

THURSDAY, AUGUST 6TH

8:15 COFFEE AND CONFERENCE REGISTRATION

8:45 OPENING REMARKS AND WELCOME ADDRESS

Dr. Clark Murdock, Senior Advisor and PONI Director, CSIS

9:00 SESSION 1: HUMAN CAPITAL AND MANAGEMENT IN THE NUCLEAR COMPLEX

Moderator: TBD

The New ICBM Nuclear Professional

Robert Jaromin, 526th ICBM Systems Group

How Much Science is Enough?

Nicola S. Cox, Atomic Weapons Establishment

A Question of Trust: Revitalizing the Nuclear Weapon Complex's Most Fundamental and Endangered Resource

Lani Miyoshi Sanders, Senior Member of the Technical Staff, Sandia National Laboratories

Is It Time to Denuclearize the Department of Energy?

Stephen Schwartz, Editor, Nonproliferation Review

10:45 BREAK

11:00 SESSION 2: DETERRENCE AND EXTENDED DETERRENCE

Moderator: TBD

On Chickens, Eggs, and Nuclear Policy

Daniel J. Dorsey, Senior Member of the Technical Staff, Sandia National Laboratories

Goldilocks Missile Defense: Promoting Strategic Stability in East Asia

Chris Jones, Research Assistant, International Security Program, Center for Strategic and International Studies

Expanding Deterrence against Catastrophic Attacks

Elbridge A. Colby, J.D. Candidate, Yale Law School

Development of Computational Models in Assuring Deterrence

Adam Connolly, Strategic Systems Group, UK Defense Science and Technology Laboratories

12:45 LUNCH

2:00 SESSION 3: RESPONDING TO NUCLEAR SMUGGLING AND ATTACKS

Moderator: TBD

NYPD Radiation Operations: Confronting the Radiological and Nuclear Threat

Elana DeLozier, Intelligence Research Specialist, NYPD Counterterrorism Bureau

National Nuclear Forensics Development Program

Samantha E. Kentis, National Technical Nuclear Forensics Center, Domestic Nuclear Detection Office

Integration of Science, Operations, Law and Policy for a Robust System to Support WMD Attribution Decisions

Randall S. Murch, Associate Director, Center for Technology, Security and Policy, Virginia Tech University

Legal Prosecution and Nuclear Forensic Evidence

Jonathan S. Snider, Research Fellow, Defense Threat Reduction Agency

3:45 BREAK OUT SESSION: What is the role of nuclear weapons? What contributions, if any, do they make to U.S. and international security?

5:15 END OF DAY ONE

6:00 COCKTAIL RECEPTION

6:30 DINNER

7:15 PONI SENIOR MENTOR SERVICE RECOGNITION

Recipient and Keynote Speaker: Ambassador Linton Brooks, Former Administrator, National Nuclear Security Administration

FRIDAY, AUGUST 7TH

8:30 BREAKOUT RECAP AND WORKING BREAKFAST

Clark Murdock, Senior Adviser, Center for Strategic and International Studies

9:30 COFFEE BREAK

9:45 SESSION 4: PROLIFERATION CHALLENGES

Moderator: TBD

From Opacity to Transparency: Why Countries Reveal Their Nuclear Weapons Programs

Eric Lorber, Ph.D. Candidate in Political Science, Duke University

North Korea's Challenge to the CTBT

Heather W. Williams, Research Associate, Institute for Defense Analyses

Nuclear Politics vs. Alliance Politics: A Balancing Act for U.S. Policy in Turkey

Jessica C. Varnum, Research Associate, James Martin Center for Nonproliferation Studies

Policy options for mitigating proliferation risks in Egypt, Saudi Arabia, and throughout the Middle East

Martin B. Malin, Executive Director, Project on Managing the Atom, Belfer Center for Science and International Affairs, Harvard University

11:15 BREAK

11:30 SESSION 5: NUCLEAR FORCE LEVELS AND COMPOSITION

Moderator: TBD

Dispelling Myths about the NPT and Disarmament

Dane Swango, Ph.D. Candidate, University of California, Los Angeles

Pathway to 1,000 Weapons: An 'All Things Nuclear' View of the Implications to U.S. Policy

Andrew T. Walter, Senior Member of the Technical Staff, Sandia National Laboratories

Unique and Complementary Characteristics of the ICBM and SLBM Weapon Systems

Mitch Bott, System Engineer, Northrop Grumman Aerospace Systems

Proliferation Pressures and Arms Reduction: How Much is Too Much?

Matt Gardner, Atomic Weapons Establishment

1:00 LUNCH AND CONFERENCE WRAP-UP

Clark Murdock, PONI Director and Senior Advisor, Center for Strategic and International Studies

2:00 END OF CONFERENCE

3:00 OPTIONAL TOURS: SQUADRON ELEVEN NUCLEAR SUBMARINE OR USS MILIUS (TBC)

U.S. Naval Base, San Diego