

**2008 Capstone Conference  
U.S. Strategic Command  
Offutt Air Force Base, Nebraska**

**TUESDAY, DECEMBER 2<sup>ND</sup>**

**0730 CONFERENCE REGISTRATION & BREAKFAST**

**0800 INTRODUCTION**

Dr. Clark Murdock, Senior Adviser and Director, Project on Nuclear Issues, CSIS

**WELCOMING REMARKS**

Vice Admiral Carl V. Mauney, Deputy Commander, United States Strategic Command

**0815 SESSION #1: MAINTAINING CONFIDENCE**

Moderator: Dr. John Harvey, Director, Policy Planning and Analysis, National Nuclear Security Administration

**Opportunities and Risks for Future Stockpile Decisions: The Technical Challenge**

Dr. Malcolm Spence, Research Programme Manager, UK Ministry of Defence

**Balance of Investment for Nuclear Physics Package Certification**

Dr. Andrew Randewich, Head of Physics Programmes, Atomic Weapons Establishment

**Sustainment of the U.S. ICBM Force in the 21<sup>st</sup> Century**

Capt. Greg Cameron, 526 ICBM System Group, U.S. Air Force

**0945 BREAK**

**1000 SESSION #2: RESPONDING TO NUCLEAR THREATS: TECHNICAL AND POLITICAL APPROACHES**

Moderator: Mr. Ron Moya, Director, Security Systems and Technology, Sandia National Laboratories

**National Technical Nuclear Forensics**

Ms. Catherine Chen, Program Analyst, Domestic Nuclear Detection Office

**Towards an International Nuclear Forensics Capability**

Mr. Brett Isselhardt, Ph.D. Candidate, Nuclear Engineering, University of California, Berkeley

**Coordinating Nuclear Defense: Should there be a presidential adviser?**

Dr. Matthew Allen, ASME Congressional Fellow, Sandia National Laboratories

**1145 LUNCH – THE PATRIOT CLUB**

Remarks: Professor Mark Welland, Chief Scientific Advisor, UK Ministry of Defence

**1300**

**SESSION #3: DETERRENCE STRATEGY AND FORCE REQUIREMENTS**

Moderator: Mr. Nicholas Bennett, Director General, Strategic Technologies, UK Ministry of Defence

**How Much is Enough? Nuclear Deterrence Then and Now**

Dr. Keir Lieber, Associate Professor, Political Science, University of Notre Dame

**The U.S. Nuclear Posture: Reassessing Roles and Missions in an Age of Enhanced Counterforce**

Dr. Daryl Press, Associate Professor, Department of Government, Dartmouth College

**Building an Extended U.S. Deterrent for the 21<sup>st</sup> Century**

Ms. Darci Bloyer, National Security Analyst, Science Applications International Corporation

**Minimum Deterrence**

Dr. Kristan Stoddart, Visiting Research Fellow, Mountbatten Centre for International Studies

**1445**

**BREAK**

**1500**

**SESSION #4: DEFINING AND FULFILLING THE NUCLEAR MISSION**

Moderator: Ambassador Linton Brooks, Former Administrator, National Nuclear Security Administration

**The Role of U.S. Nuclear Weapons in 21<sup>st</sup> Century National Security**

Dr. Benn Tannenbaum, Associate Program Director, Center for Science, Technology and Security Policy, American Association for the Advancement of Science

**Technical Nuclear Forensics and the Future of the Weapons Laboratories**

Ms. Jessica Yeats, Research Assistant, Center for Strategic and International Studies

**Laying the Foundations of Multilateral Nuclear Disarmament**

Mr. Oliver Welch, Nuclear and Space Desk Officer, UK Ministry of Defence

**An “All Things Nuclear” Approach to Reducing Global Nuclear Danger**

Mr. Andrew Walter, Strategic Studies Department, Sandia National Laboratories

**1645**

**BREAK**

**1700**

**PLENARY SESSION AND FINAL THOUGHTS FROM SENIOR ATTENDEES**

Moderator: Dr. Clark Murdock, Senior Adviser and Director, Project on Nuclear Issues, CSIS

**1745**

**END OF SESSIONS**

**1830**

**COCKTAIL MIXER – THE PATRIOT CLUB**

**1900**

**DINNER – THE PATRIOT CLUB**

Remarks: Vice Admiral Carl V. Mauney, Deputy Commander, United States Strategic Command