



The National Academies of
SCIENCES • ENGINEERING • MEDICINE

**Cooperative Threat Reduction (CTR) Programs
for the Next Ten Years and Beyond**

September 18-19, 2017
Keck Center of the National Academies
500 5th St NW
Washington, D.C.

Agenda

Day 1, Monday, September 18

Keck Room 100

8:30AM Registration opens

9:00AM **Introduction**
Micah Lowenthal, National Academy of Sciences (NAS)

9:05AM **1) Brief history of Cooperative Threat Reduction (CTR), WMD elimination and the NAS CTR 2.0/Global Security Engagement report**
Panel Chair: **Libby Turpen**, Octant Associates

15 mins Goals of the workshop, CTR and WMD elimination conceptual framework
Speaker: **Libby Turpen**, Octant Associates

15 mins Cooperative Threat Reduction: Learning Curves and Forgetting Curves
Speaker: **Amb. Ron Lehman**, former Director, Arms Control and Disarmament Agency

15 mins Reducing the Threat from Nuclear Weapons and Delivery Systems and the Future of CTR to Diminish the Nuclear Threat
Speaker: **William Moon**, Defense Threat Reduction Agency

15 mins Reducing the Threat from Biological Weapons and Biotechnology and the Future of CTR to Diminish the Biological Threat
Speaker: **David Franz**, former Commander, USAMRIID

15 mins Reducing the Threat from Chemical Weapons and the Future of CTR to Diminish the Chemical Threat
Speaker: **Mallory Stewart**, former Deputy Assistant Secretary, Department of State


15 mins	Discussion
<u>10:30AM</u>	Coffee Break
<u>10:45AM</u>	2) The changing international security landscape Panel chair: Sharon Squassoni , Center for Strategic and International Studies
15 min	“New” Technologies; New Threats? Speaker: Steve Fetter , University of Maryland
15 mins	Reducing Future Biological Risk in the Context of Global Health Security Speaker: Elizabeth Cameron , NTI
15 mins	The Proliferation of Technical Expertise in Biological Sciences Speaker: James Le Duc , Galveston National Laboratory
15 mins	Foreign Policy in a Multipolar World Speaker: Vikram Singh , Center for American Progress
15 min	Discussion
<u>12:00 PM</u>	Lunch (available for purchase in the Keck cafeteria, 3 rd floor)
<u>1:00PM</u>	3) Vision for the future of CTR Introduction: Libby Turpen , Octant Associates
30 mins	Vision for the Future of CTR from the Department of Defense Speaker: Derek (Dirk) Maurer , Deputy Assistant Secretary of Defense for Countering Weapons of Mass Destruction
30 mins	Vision for the Future of CTR from the Department of State Speaker: Phillip Dolliff , Acting Deputy Assistant Secretary for Nonproliferation Programs
20 min	Discussion
<u>2:20PM</u>	4) CTR and the 2017 threat environment Introduction: Andrew Weber , Former Assistant Secretary of Defense for Nuclear, Chemical, and Biological Defense Programs
30 mins	CTR and the 2017 Threat Environment Speaker: William Tobey , Harvard University, former Deputy Administrator for Defense Nuclear Nonproliferation, NNSA
10 min	Discussion

3:00 PM Coffee Break

3:15PM **B) CTR for the next 10 years and beyond**
(Moderator-led concurrent breakout sessions discussions, see question handout)

Room 103 Breakout session 1, Addressing Biological Threats, moderator: **David Franz**
Rapporteur: **Ben Rusek**, NAS

Room 106 Breakout session 2, Addressing Nuclear and Other Threats, moderator: **Sharon Squassoni**
Rapporteur: **Micah Lowenthal**, NAS

5:00 PM End of Day 1, reception, co-sponsored by the 

Day 2 Tuesday, September 19

Keck Room 100

9:00 AM **5) The way ahead for CTR, discussion of U.S. Government Programs**
Panel Chair: **Seth Carus**, National Defense University

15 mins Speaker: **Jay Finch**, Department of Defense

15 mins Speaker: **Alexander Stolar**, Department of State

15 mins Speaker: **Hillary Carter**, National Security Council

15 mins Speaker: **Elly Melamed**, National Nuclear Security Administration

15 mins Speaker: **Inger Damon**, Centers for Disease Control and Prevention

15 min Speaker: **Lowell Schwartz**, Senate Foreign Relations Committee

15 mins Discussion

10:45 AM Coffee Break

11:00 AM **6) Using new tools to address the CTR mission**
Panel Chair: **Capt. John Holmes**, USCG (retired), former Deputy Executive Director of Operations, Port of Los Angeles

15 mins The Role of Global Health and Health Diplomacy in Biosecurity, Biodefense and Threat Reduction
Speaker: **Amb. Jimmy Kolker**, former Assistant Secretary for Global Affairs, Department of Health and Human Services

15 mins	International Aid Efforts Speaker: Andrew Natsios , Texas A&M University, former Administrator of the U.S. Agency for International Development
15 mins	Publicly Available Information and Methods for Arms Control Speaker: Lisa Costa , PlanetRisk, Inc. and former Early Threat Warning Panel Chair for The Defense Science Board Task Force on Deterring, Preventing, and Responding to the Threat or Use WMD
15 mins	Efforts to Counter North Korean Proliferation Speaker: William Newcomb , Johns Hopkins University, former member of the United Nations Security Council North Korea Panel of Experts
15 mins	Discussion
<u>12:15 PM</u>	Lunch (available for purchase in the Keck cafeteria, 3 rd floor)
<u>1:15 PM</u>	7) Global Security Engagement for the next ten years and beyond Introduction: Andrew Weber
40 mins	Global Security Engagement for the Next Ten Years and Beyond Speaker: Amb. Laura Holgate , Harvard University, former U.S. Representative to the Vienna Office of the UN and IAEA
20 min	Discussion
<u>2:15 PM</u>	Summary Co-chairs: David Franz and Libby Turpen Synthesis of symposium and breakout session key points and suggestions for future activities
<u>2:40 PM</u>	Discussion
<u>3:00 PM</u>	Adjourn