



**Deterrence and Assurance Academic Alliance 2018 Conference  
Agenda**

**15-16 March 2018**

**Thinking Outside the Silo: Creative Problem Solving in Deterrence and  
Assurance**

**Thursday, 15 March 2018**

**0630 – 0745:** Participants are transported to Offutt Air Force Base (Lincoln and Omaha shuttles)

**0800 – 0830:** TTX Check-In and Continental Breakfast

**0830 – 1230:** Academic Alliance Table Top Exercise (TTX), at Dougherty Conference Center on Offutt Air Force Base for students, undergraduate through PhD candidates, and faculty by invitation.

**1230 – 1300:** Lunch

**1300 – 1345:** "Windshield Tour" of Offutt Air Force Base

**1345 – 1445:** Participants are transported back to Lincoln or to the Omaha shuttle point to retrieve their vehicles.

**Institutional Members (Faculty and Advisors) Meeting Participants Only:**

**1615:** Academic Alliance Institutional Members Meeting Participants shuttled from hotel to Nebraska Law

**1630:** Room 111, Academic Alliance Institutional Members Meeting with Major General Nina Armagno, USSTRATCOM Director of Plans and Policy

**1645:** Conference Participants shuttled from hotel to Nebraska Law (individual shuttles may also be arranged with the hotel)

**1700 – 1800:** Welcome Reception with Appetizers at Nebraska Law on the University of Nebraska East Campus

**1800 – 1810:** College of Law Welcoming Remarks, Richard Moberly, Dean of the Nebraska College of Law

**1810 – 1900:** Conference Welcome and USSTRATCOM Presentation on National Level Strategic Guidance, Major General Nina Armagno

**1900 – 2000:** Keynote by Amy Herman. Author of *Visual Intelligence: Sharpen Your Perception, Change Your Life*.

**2015** – Amy Herman book signing (books available for purchase at the event) and participants transported back to hotel

## **Friday, 16 March 2018**

**0800 – 0820:** Check in at Nebraska Law, Light breakfast refreshments

**0820 – 0830:** Welcoming remarks in the auditorium, Richard Moberly – Dean, College of Law

**0830 – 0850:** The Role of Law in Deterrence Planning, Colonel Darren Huskisson, Staff Judge Advocate, USSTRATCOM

**0850 – 0855:** University of Nebraska Omaha Deterrence and Assurance Summer Institute Update, Michelle Black and Lana Obradovic

**0900 – 1030:** First round of panel presentations, attendees choose between rooms:

### **Welpton Courtroom: Perceptions and Decision-making, Moderated by Paul Bernstein, Senior Research Fellow at the National Defense University**

Rachel Urban, Abigail Miller, Tristan Hilderbrand, Abby Garden, Kylie Ham, & Miranda Kuzela (University of Nebraska - Lincoln) – “Perception, Deterrence & Behavior Economics: Application of New Frameworks to North Korea.” The paper seeks to determine what behavioral economics can reveal about the role perception plays in crafting deterrence messaging.

Richard Koltas (University of Nebraska - Omaha) – “The Influence of Atmospherics on Nuclear Deterrence.” The paper will seek to show how a broad range of influences within a given information environment shapes adversary deterrence decision-making.

Victoria Cera, James To, & Michelle Wietbrock (University of Nebraska - Omaha) – “Xi Jinping’s Grand Strategy in Indo-Pacific Region.” The paper is to focus on the Chinese decision-making process with an emphasis on risk-taking evaluation and propensity.

### **Room 111: Addressing Cyber & Space Deterrence Challenges Moderated by Professor Jack Beard, University of Nebraska College of Law Space, Cyber, and Telecommunications Law Program**

Timothy Goines (Faculty, U.S. Air Force Academy) – “Communicating Cyber Consequences: Rethinking Cyber Deterrence.” The paper is to focus on translating traditional “show of force” deterrence tactics into the cyber domain as a means by which to deter cyber threats.

Collin Lint (University of Northern Iowa) – The paper will argue that traditional deterrence has not deterred a decade of Russian cyber efforts to shift the balance of international power in Moscow’s favor. The paper will examine how better cyber security will both protect U.S. security interests and assure allies.

Aleksandar Tashkovski [Presenting Online] (Faculty, University Ss. Cyril and Methodius, Republic of Macedonia) – “Draft Cyber Articles on Digitalization of Human Rights.” The paper will argue that the future of cyberspace is imperiled without some means to effectively deter threatening behavior in the cyber domain.

Giselle Bergmeier, Jennifer Hohenberger, Kelley McCaa, & Joshua Saddler (University of Nebraska - Omaha) – “Deterring Russia in Space.” The paper will examine how the U.S. can address an aggressive Russian effort to expand its space capabilities that threaten U.S. national security interests.

Kayla Matteucci [Presenting Online] (Fordham University, New York) – “Cyber Threats and the Modernization of Nuclear Command and Control Communications.” This paper will focus on the dangers of cyber vulnerabilities to the nuclear enterprise and, given the gravity of this threat, argue that U.S. deterrence thinking/attitudes must be re-conceptualized.

**1030 – 1045: Break**

**1045 – 1200: Second round of panel presentations, attendees choose between rooms:**

**Welpton Courtroom: Collective Security Solutions for Deterrence and Assurance Moderated by Professor Rob Schub, University of Nebraska Lincoln Political Science Department**

Amanda Berman (University of Nebraska College of Law) – “International Treaties in Deterrence: How the INF is Failing.” The paper will focus on the deterrence role of international law and bilateral/multilateral treaties plays in an increasingly technological threat environment.

Attison Paxton, Christopher Dziatkowski, & Jacob Moore (University of Nebraska - Omaha) – “Security Challenges and Multilateral Collective Security Arrangements in the Asia Pacific.” The paper will focus on the standing up of an Asia Pacific multilateral collective security mechanism, a “Pacific NATO” and a means by which to deter growing regional security challenges.

Murdoch Thomson (University of Nebraska College of Law) – “The Future of NATO in Europe: An Investigation Concerning European Union Common Foreign and Security Policy Initiatives.” The paper will examine the viability of a European-led military force as a more suitable replacement of the NATO construct for the deterrence of regional threats.

Hiroshi Nakatani (The University of Reading, Berkshire, England) – “Revisit US Extended Nuclear Deterrence: Beyond the Cold War Framework of Forward Deployment of Nuclear Weapons on the Ground.” The paper will examine how a readjustment of U.S. extended deterrence in the Asia Pacific region can assure allies in the 21st Century threat context.

**Room 113: Cross-Domain Deterrence Considerations Moderated by Professor Lana Obradovic, University of Nebraska Omaha Political Science Department**

Dr. Jana Robinson (Prague Security Studies Institute, Czech Republic) – “Economic and Financial Cross-Domain Deterrence to Space Hybrid Warfare Practices.” This paper will argue economic and financial statecraft taken to address threats extending from the “space hybrid warfare” phenomenon will contribute to deterrence.

Damon Coletta (Faculty, U.S. Air Force Academy) – “Deterrence, Defense, and Arms Control in the Age of Cross-Domain Coercion.” The paper will argue that the rise in military capability investments in context of the contemporary cross-domain/hybrid environment calls for a renewed arms control and cooperative security arrangements to serve as a collective security solution formula of 21st Century.

Nicole Ruiz (University of Texas - El Paso) – “Economics of Collective Actions: Eliciting North Korean Compliance.” This paper will focus on an economic inducement approach to influence North Korean compliance of international nuclear norms.

Tommie Breechbill, Scott Schieuer, & Sam Stevenson (University of Nebraska - Lincoln) – “An Analysis of Economic Policy Options of the US toward North Korea.” The paper will focus on an economic inducement approach to better relations with North Korea as a means to reduce tensions with North Korea.

**1200:** Lunch Buffett opens, seating in auditorium

**1230 – 1315:** Keynote from Elaine Bunn, Former Deputy Assistant Secretary of Defense for Nuclear and Missile Defense Policy.

**1315 – 1330:** “United Kingdom Deterrence and Assurance Academic Alliance Update,” Nicholas Taylor, Defence Science and Technology Laboratory (Dstl), Ministry of Defence - United Kingdom

**1355:** Final Remarks before the Closing Sessions, Executive Director Elsbeth Magilton and Professor Tyler White

**1400 – 1515:** Third Round of Panels, attendees choose between rooms:

**Room 109: Deterrence in the Middle East Context Moderated by Professor Michelle Black, University of Nebraska Omaha Political Science**

Christopher J. Ferrero (Faculty, Coastal Carolina University) – “Intelligence and Assurance: Israel’s Path to a Nuclear Free World.” The paper will argue that the advanced state of Israeli intelligence and conventional military capabilities enables Jerusalem to abandon its nuclear posture and to strategically benefit from the establishment of a Middle East Nuclear Weapons Free Zone (NWFZ).

Audrey Simpson (University of Northern Iowa) – “A Threat beyond Nuclear Capabilities: Addressing Irrational Non-State Actors.” The paper will focus on past practices at suppressing the growth and influence of VEOs to determine the most viable model for future deterrence efforts.

Graham Conlon (University of Nebraska College of Law) – “Points of Intervention: Combating the Financing of Violent Extremist Organizations.” This paper seeks to identify the methods used by Violent Extremist Organizations to obtain funds and identify specific methods of funding that are susceptible to a tailored deterrence framework.

Lauren Zimmerman (University of Nebraska - Omaha) – “Drones Strikes and IS: A Match Not Made in Heaven.”

**Room 111: Deterrence and North Korea Moderated by Col. Barry Stentiford, U.S. Army Command and General Staff College, School of Advanced Military Studies**

Luke Stenard (University of Nebraska College of Law) – "A coalition approach to deterrence of North Korea." The paper will focus on regional actor-led coalition security solutions to address North Korean aggression as the means by which to achieve U.S. regional operational and strategic security objectives.

Noelle Troutman (The University of Northern Iowa) – "Addressing North Korean Nuclear Aggression: America's Role in Deterrence and Assurance." The paper will focus on methods to deter North Korean aggression per a cognitive and psychological assessment to determine regime strengths, weaknesses and perceptions.

Madi Schwenka & Kiera Welch (University of Nebraska - Lincoln) – "Perceptions, Assumptions, and Options in Deterrence Strategy and Response Policy." The paper will assess the deterrence and assurance value of a conventional response to North Korean regional nuclear employment involving tactical nuclear and EMP scenarios.

Suon Choi (Georgia Institute of Technology, Sam Nunn School of International Affairs) – "Triad Relationship in Extended Deterrence: Mining Rhetoric of North Korea." This study will focus on the impact U.S. – South Korea extended deterrence relations has on Pyongyang via an examination of latter's threat rhetoric articulated via North Korean media.

**1515:** Participants shuttles back to hotel