



COLLEGE OF ARTS AND SCIENCES
POLITICAL SCIENCE



**2019 Deterrence and Assurance Academic Alliance Conference and Workshop
University of Nebraska at Omaha**

March 7-8, 2019

Collaborative Approaches to Deterrence

March 7, 2019

**ACADEMIC ALLIANCE TABLETOP EXERCISE U.S. STRATEGIC
COMMAND (Registered Participants Only).**

- 7:00** **MEET AT BUS PICK-UP POINT FOR ID CHECK:** All registered participants for the TTX will meet in the parking lot of the Residence Inn Omaha Aksarben Village. Please have your ID and \$15, cash only for snacks and lunch.
- 7:30** **BUSES DEPART PROMPTLY FOR TTX:** Buses depart and participants are transported from The Residence Inn Omaha Aksarben Village to Dougherty Conference Center on Offutt Air Force Base.
- 1:05 - 1:45** **PARTICIPANTS ARE TRANSPORTED BACK TO HOTEL AND UNO**
HOTEL: The Residence Inn Omaha Aksarben Village
UNO: Community Engagement Center, 6400 University Dr. S, Omaha, NE
- 2:00 - 4:00** **CONFERENCE CHECK-IN, CPACS**
- 2:30 - 4:15** **CAREERS IN NATIONAL SECURITY, CPACS**
- ✓ USSTRATCOM Overview and Mission, Mr. Todd Saylor, J1
 - ✓ USAJobs and Internship opportunities, Mr. John Wilson, J1
 - ✓ Careers in Intelligence and National Security, Mr. Rick Hoehne
 - ✓ Defense Intelligence Agency, CAPT Anthony Butera, J2
- 4:30 - 5:30** **RECEPTION, THOMPSON ALUMNI CENTER, UNO**

5:30 - 7:00 KEYNOTE ADDRESS, THOMPSON ALUMNI CENTER, UNO

- ✓ *Sr. Vice Chancellor BJ Reed, Office of Academic Affairs, University of Nebraska at Omaha (UNO)*
- ✓ *VADM David M. Kriete, USN, Deputy Commander, U.S. Strategic Command*
- ✓ *Ms. Rebecca Hersman, Director, Project on Nuclear Issues and Senior Adviser, International Security Program at the Center for Strategic and International Security (CSIS)*

8 March 2016

8:00 - 8:15 CHECK IN AND COFFEE AT CEC, UNO

8:15 - 8:30 WELCOMING REMARKS, ROOM 101, CPACS

- ✓ *Dr. Jody Neathery-Castro, Chair, Department of Political Science, UNO*
- ✓ *Mr. Robert Taylor, SES, Deputy Director, Plans and Policy, U.S. Strategic Command*

WALK TO COMMUNITY ENGAGEMENT CENTER (CEC) FOR PANELS AND WORKSHOPS

8:30 - 10:00 PANEL #1, ROOM 230/231 CEC: *Deterring Non-State Actors*

- ✓ **Chair: Dr. Gina Ligon, Associate Professor in the College of Business Administration and Director of Radicalization and Violent Extremism (RAVE), University of Nebraska at Omaha**

Panel:

- ✓ **Ms. Keely Algya, Ms. Amanda Urick and Ms. Lauren Zimmerman (University of Nebraska at Omaha)**
Iran's "Gray Zone" Tactics
- ✓ **Ms. Aya Yousuf, Ms. Jordan Kuiper and Mr. Noah Kingston (University of Nebraska at Omaha)**
Deterring VEOs: Strategic Non-kinetic Approach
- ✓ **Diane Sherwin, Allison Black, Katie Anderson, and Jenna Vigal (University of Nebraska-Lincoln)**
The Threat of Terrorism to Nuclear Escalation in South Asia: U.S. Policy Options to Promote Deterrence between Strategic Partners
- ✓ **Mr. Jacob Harberts (University of Northern Iowa)**
Deterring Fourth Generation Warfare in the Twenty-First Century Through Military, Private and Public Collaboration

PANEL #2, ROOM 209 CEC: Deterrence Challenges in Southeast Asia

- ✓ **Chair: Paul Bernstein, Distinguished Research Fellow, National Defense University**

Panel:

- ✓ **Ms. Audrey Simpson (University of Northern Iowa),**
The Potential for Nuclear Conflict in South Asia: The Imbalance of Conventional Military Power and the Problem of Geography
- ✓ **Madeline Meijering, Shannon Beacom, John Ellis, Alex Christensen (University of Nebraska-Lincoln)**
India and Pakistan: A Comparative Study of Nuclear Deterrence
- ✓ **Mr. Geoffrey Brown (Georgia Institute of Technology)**
Collaborative Approaches to Deterrence: The US and India

PANEL #3, ROOM 127 CEC: New Technologies in Deterrence

- ✓ **Chair: Mr. Robert Taylor, SES, Deputy Director, Plans and Policy Directorate, U.S. Strategic Command**

Panel:

- ✓ **CDT Alexander Dolan (West Point)**
A Strategic Mirage: The false promise of American revolutions in military affairs in Operation Desert Storm and their misapplication in the wars in Afghanistan and Iraq
- ✓ **Ms. Jennifer Hohenberger, Ms. Sami Klower, Ms. Kaitlyn Melnick, Mr. Brett Hoxie, and Lt. Tasia Reed-Rawson (University of Nebraska at Omaha)**
A Modernizing Russian Force: Integrating Electronic Warfare into the Space Domain
- ✓ **Ms. Blaire Mills, Mr. Alex Schroeck, Ms. Katharyn Kost, Mr. Andrew Neill, and Ms. Shannon Moore (University of Nebraska-Lincoln)**
Authoritarian AI and the Chinese Dream: How AI Will Shape US-Sino Relations
- ✓ **Julia Ciocca (University of Pennsylvania)**
Conflict on The Final Frontier: The Weaponization of Space and American Doctrinal, Strategic, and Organizational Policy

10:00 - 10:15 BREAK

10:15 - 11: 45 PANEL #4, ROOM 230/231 CEC: Competition with China

- ✓ **Chair: Ms. Jennifer Bradley, Deterrence Analyst, National Institute for Public Policy**

Panel:

- ✓ **Mr. Jacob Moore and Mr. Michael Gross (University of Nebraska at Omaha)**
China in the Arctic: Security and Economic Implications
- ✓ **Mr. Eric Winter (Coastal Carolina University)**
Technology and deterrence: How China's ascendant technology sector impacts the perception of US strategic power
- ✓ **Mr. Jacob Anderson (Western Carolina University)**
Chinese Techno-Strategic and Political Advances: Beijing's Militaristic Challenges and the U.S. Response
- ✓ **Ms. Elsa Kania (Harvard University)**
The Implications of Emerging Technologies for U.S.-China Strategic Stability
- ✓ **Obrien Chin, Nicholas Petro, James To and Michelle Wietbrock (University of Nebraska at Omaha)**
China 2049: Implications of US Interests

PANEL #5, ROOM 132 CPACS: Modeling and Game Theory Approaches to Deterrence

- ✓ **Chair: Mr. Pat Mckenna, J55 Division Chief, Plans and Policy Directorate, U.S. Strategic Command**

Panel:

- ✓ **Dr. Damon Coletta (U.S. Air Force Academy)**
Modeling Collaborative Approaches to Deterrence
- ✓ **LTC Nick Duncan and Dr. Mark Deinert (Colorado School of Mines)**
The Transmission of Ideas on Social Media
- ✓ **Dr. Brooke Mitchell (Louisiana Tech Research Institute)**
Scenario Planning: A How-To Guide in Fostering Deterrence Collaboration
- ✓ **Dr. Amy Schweikert (Colorado School of Mines)**
Vulnerabilities of Critical Infrastructure
- ✓ **Dr. Morgan Bazilian (Colorado School of Mines)**
Developing an Energy and Conflict Tracker

PANEL #6, ROOM 127 CEC: Examining Deterrence Alliances and Agreements

- ✓ **Chair: Dr. Jody Neathery-Castro, Department Chair and Associate Professor, University of Nebraska at Omaha**

Panel:

- ✓ **Dr. Rafal Kopec and Dr. Przemyslaw Mazur (Pedagogical University in Krakow, Poland)**
The Three Seas Initiative – American bastion in Central Europe?
- ✓ **Dr. Patricia Shamai (University of Portsmouth, UK) and Dr. Carlotta Minnella (Duke University)**
Ripple effects on Deterrence? Lessons from the unravelling of the CW taboo
- ✓ **Mr. Oleksandr Shykov (Lawrence Livermore National Laboratory)**
North Korea's Wedge Strategies

PANEL #7, ROOM 209 CEC: Examining Deterrence Alliances and Agreements (student panel)

- ✓ **Chair: Nicholas Taylor, Senior Principal, Defense and Security Analysis Division, DSTL, Ministry of Defense UK**

Panel:

- ✓ **Mr. Robert Wimberly (Johns Hopkins University School of Advanced International Studies)**
Free Trade Agreements and the Credibility of Extended Deterrence
- ✓ **Ms. Emma Bates (Johns Hopkins School of Advanced International Studies)**
Deterrence and Reassurance in the Indo-Pacific Trilaterals
- ✓ **Ms. Sooyeon Kang (Josef Korbel School, University of Denver)**
Securing Economic Ties: Assessing the Extent of Extended Nuclear Deterrence
- ✓ **Noelle Troutman (University of Nebraska-Lincoln)**
Cold War Breakups: An Alliance Not Made in Heaven? An Assessment of US-South Korean Alliance Cohesion

11:45 - 12:00 TRAVEL TO CPACS FOR LUNCH AND KEYNOTE, ROOM 101

12:10 - 12:20 UK DETERRENCE AND ASSURANCE ACADEMIC ALLIANCE UPDATE

- ✓ *Nicholas Taylor, Senior Principal, Defense and Security Analysis Division, DSTL, Ministry of Defense UK*

12:20 - 1:00 Keynote Speaker: Perspectives on Deterrence

- ✓ *Dr. Chris Ford, Assistant Secretary for International Security and Nonproliferation, U.S. State Department*

WALK TO COMMUNITY ENGAGEMENT CENTER (CEC) FOR PANELS AND WORKSHOPS

1:15 - 2:45 PANEL #8, ROOM 230/231 CEC: Intelligence and New Technology

- ✓ **Chair: Dr. Tyler White, Assistant Professor, University of Nebraska at Lincoln**

Panel:

- ✓ **Dr. Unmil Karadkar (The University of Texas at Austin) via Zoom**
Enhancing Situational Awareness for Deterrence in Space
- ✓ **Dr. Benjamin Zala (Belfer Center, Harvard University)**
Stable Deterrence and the Global Spread of Advanced Conventional Weapons
- ✓ **Mr. Aaron Richards (SAIC)**
Supporting the U.S. Strategic Deterrent Through Nuclear Forensics and Attribution
- ✓ **Ariel Petrovics (UC Davis) and Alexa Wehsener (UC Berkeley)**
Perverse Consequences of Emerging ISR Technology: When Less is More in Crisis Stability

PANEL #9, ROOM 201/205 CEC: Strategy and Policy for Deterrence

- ✓ **Chair: COL Barry Stentiford, Ph.D., Professor of History, Director of Advanced Strategic Leadership Studies, US Army School of Advanced Military Studies, Fort Leavenworth, Kansas**

Panel:

- ✓ **Paul Bernstein (Distinguished Research Fellow, National Defense University)**
Deterrence and Competition: Framing the Issues
- ✓ **Dr. Andrew Corbett (King's College London, UK)**
Considering the Ethics of Nuclear Deterrence in the 21st Century
- ✓ **Lt Col Raymond Ruscoe (AFIT/CIP at University of Pittsburgh Graduate School of Public and International Affairs)**
Strategic Stability; A Partial Decoupling from Nuclear Capabilities
- ✓ **Colonel Todd Schmidt (University of Kansas, Department of Political Science and U.S. Army, School of Advanced Military Studies)**
Silent Coup of the Guardians: Military influence on National Security Policy
- ✓ **Andrew Webb (Johns Hopkins SAIS/ U.S. Army Command and Staff College, Art of War Program)**
Rethinking Strategy: A History of the Ends, Ways, Means Model

PANEL #10, ROOM 127 CEC: Strategy with New Technology

- ✓ **Chair: RDML Ryan Scholl, Deputy Director, Plans and Policy Directorate, USSTRATCOM**

Panel:

- ✓ **Collin Boone (Iowa State University)**

Deterrence in the Baltic States: Russia Hybrid Warfare

- ✓ **Mr. Christopher Wesseln (Iowa State University)**
Is Deterrence the Correct Strategic Framework in the Cyber Domain?
- ✓ **Mr. Isaak Espersen (University of Northern Iowa)**
Addressing the Challenges of Rising Revisionist States: Changing Relations between the United States, Russia, and China
- ✓ **Mr. Joseph Cain (Coastal Carolina University)**
A Proactive Approach to the US Gray Zone Threat: The Dirty Bomb

3:00 - 4:15 **Workgroup Sessions:** *Attendees participate in 1 of 4 workgroup sessions*

- ✓ **Deterrence Publishing – ROOM 132, CPACS**
Dr. Damon Coletta, Space and Defense Journal
Mr. Mike Guillot, Strategic Studies Quarterly
- ✓ **Deterrence Theory – ROOM 209, CEC**
Dr. Jonathan Trexel, USSTRATCOM
- ✓ **Nuclear Enterprise – ROOM 201/205, CEC**
Mr. Matthew Thompson (SAIC), Defense Nuclear Weapons School
- ✓ **Redteaming – ROOM 230/231, CEC**
Carl “Pappy” Dodd, Stephanie Damann, Dominic Tzimisce, USSTRATCOM