



**Homeland  
Security**

Science and Technology



# DHS/START/MINERVA and SMA Technical Lecture Series Telecon Booklet

2011 - 2019

The Office of University Programs, housed within the Department of Homeland Security's Science & Technology Directorate (S&T), provides access to the nation's universities through its unique Center of Excellence (COE) program. In this capacity, universities conduct research on homeland security challenges and generate tools, technologies, knowledge products, training, and expertise for the homeland security enterprise.

The National Consortium for the Study of Terrorism and Responses to Terrorism (START) is a DHS COE, comprised of an international network of scholars committed to the scientific study of the causes and human consequences of terrorism. In addition to DHS S&T's support through the COE program, START also receives support from a variety of Federal agencies, private foundations, and universities. All of START's research is conducted using non-classified materials and its findings are those of individual researchers and do not reflect the official position of any START funders.

The Office of the Secretary of Defense's Minerva Research Initiative aims to deepen understanding of the social and cultural forces that shape U.S. strategic interests around the world. The Minerva program brings together universities, research institutions, and individual scholars and supports interdisciplinary and cross-institutional projects addressing specific topic areas determined by the Secretary of Defense to support Defense-wide strategic policy and operational planning. A critical second program goal is to connect social science insights and methods to current and future defense leadership to inform tomorrow's key security decisions. (POC: Dr. Erin Fitzgerald)

The Strategic Multilayer Assessment (SMA) program provides planning support to Combatant Commands with complex operational imperatives requiring multi-agency, multi-disciplinary solutions that are not within core Service/Agency competency. The SMA office has developed a proven methodology merging multi-agency expertise and information to address complex operational requirements that call for multi-disciplinary approaches utilizing skill sets not normally present within any one service/agency. The SMA process uses robust multi-agency collaboration leveraging intellectual/analytical rigor to examine factual/empirical evidence with the focus on synthesizing existing knowledge. The end product consists of actionable strategies and recommendations, which can then be used by planners to support COA Development. SMA is accepted and synchronized by Joint Staff, J3, DDGO and executed by OSD/ASD(R&E)/EC&P/RRTO.

## 2019

- *9 April 2019*: Dr. Leah Windsor (University of Memphis) – [Language Patterns in International Relations](#)
- *6 June 2019*: Dr. Irene Wu (Georgetown University) – [Measuring Soft Power in the International System](#)
- *8 August 2019*: Dr. Oliver Kaplan (University of Denver) – [Resisting War: How Communities Protect Themselves](#)
- *5 September 2019*: Prof. Charles Glaser (George Washington University) – [Problems in Viewing China's Rise as a Threat to the Liberal International Order](#)

## 2018

- *9 January 2018*: Dr. Leah Windsor (University of Memphis) Analyzing the Language of Political Leaders

## 2017

- *17 January 2017*: Dr. Pamina Firchow (George Mason University) – Everyday Indicators Including Local Voices in the Politics of Measurement and Evaluation after War
- *31 January 2017*: Dr. Greg Nicholas (Homeland Defense and Security Information Analysis Center (HDIAC)) – Critical Infrastructure Resilience
- *28 February 2017*: Dr. Greg Nicholas (Homeland Defense and Security Information Analysis Center (HDIAC)) – Technology and a New Arms Race
- *2 May 2017*: Dr. Greg Nicholas (Homeland Defense and Security Information Analysis Center (HDIAC)) – Addressing the National Security Risk of the Rare Earth Element Supply
- *9 May 2017*: Peter Krause (Boston College) – Know Thy Enemy: Education About Terrorism Improves Social Attitudes Toward Terrorists
- *16 May 2017*: Jeff Giese (Toward Purpose Inc.) – Metric Warfare
- *23 August 2017*: LTC Thomas Pike (U.S. Army) – Analyze/Understand the Emergent Behavior of Foreign Populations from the Bottom Up Through a Complex Adaptive Systems Based Approach
- *28 November 2017*: Dr. Tony Rivera – Lab's Project Hermes
- *8 December 2017*: Dr. James Walsh – Resources and Conflict
- *19 December 2017*: Dr. Valerie Hudson – The First Political Order: Sex, Governance, And Security
- *ND*: William Marcellino, Meagan L. Smith, Christopher Paul, and Lauren Skrabala (RAND) – Monitoring Social Media: Lessons for Future Department of Defense Social Media Analysis in Support of Information Operations

## 2016

- *5 January 2016*: BG (Ret) Peter Zwack (NDU) – Contemporary Russia, Challenges and Opportunities
- *19 January 2016*: Sorin Lungus (NDU) – Long Term Strategy Program
- *26 January 2016*: Daveed Gartenstein-Ross (Valens Global) – Intellectual Frameworks for Counter-Messaging
- *2 February 2016*: Col Shawn Teagan (EUCOM) – EUCOM Theater Strategy
- *16 February 2016*: Mr. Tim Newberry (White Canvas Group) – Deep/Dark Web and PAI

- *23 February 2016*: Mr. Kalev Leetaru (George Washington University Center for Cyber & Homeland Security) – GDELT 2016
- *1 March 2016*: Dr. Paul Zak (Director, Center for Neuroeconomics Studies) – The Neurobiology of Persuasion
- *8 March 2016*: Mr. Steven Rotkoff (TRADOC) - Red Teaming
- *22 March 2016*: Dr. Nathan Meehan (Naval Research Laboratory) – That Doesn't Look Right: Identifying Threats Using the Culturally Neutral Context Specific Baseline Process
- *29 March 2016*: Mr. Jed Willard (FDR Foundation) – TBD
- *19 April 2016*: Dr. Gary Ackerman (UMD START) – TBD
- *26 April 2016*: Dr. Solomon Major (The Center for Global Health Engagement) – The Center for Global Health Engagement: Theater Security Cooperation Impact Assessments
- *3 May 2016*: Mr. Josh Kerbel (DIA) – The Complexity Challenge: The U.S. Government's Struggle to Keep Up with the Times
- *10 May 2016*: Dr. Paul Slovic (University of Oregon) – The Psychology of Risk
- *17 May 2016*: Mr. Gary Lafree (UMD START) – How Common is the Contagious Diffusion of Terrorism?
- *24 May 2016*: Ms. Vera Mironova (UMD) – Labor Market for Rebel Groups
- *31 May 2016*: Dr. Marsha Crenshaw (Stanford University) – Failed, Foiled, Completed, and Successful Jihadist Plots in the U.S. 1993-2016
- *7 June 2016*: Dr. Joel Day (University of Massachusetts Lowell) – ISIS Allies: A New Global Terrorism Threat
- *14 June 2016*: Dr. Michael Dzedzic (Pax Advisory), Dr. Dana P. Eyre (SOSA Corps), Dr. Oscar Vera (Loquitus) – “Corruption” and National Security: Insights from “Criminalized Power Structures: The Overlooked Enemies of Peace” and “Combating Criminalized Power Structures: A Toolkit.”
- *21 June 2016*: Dr. Gina Ligon (University of Nebraska at Omaha) – Breaking Da’esh: Strategies from Organizational Psychology to Degrade and Defeat ISIL
- *28 June 2016*: Dr. Laura Dugan (UMD) – US Actions during the Clinton Years on Extremist Violence
- *5 July 2016*: Mr. Marcus Boyd (National Consortium for the Study of Terrorism and Responses to Terrorism (START)) – Catch Them Coming and Going: Probabilistic Pathway Projection to Counter Foreign Fighters
- *19 July 2016*: Brooke Fisher Liu (National Consortium for the Study of Terrorism and Responses to Terrorism (START)) – Understanding the Adoption Process of National Security Technology
- *26 July 2016*: Mr. Brian Wingenroth, Dr. Erin Miller, Dr. Michael Jensen, Dr. Omi Hodwitz, and Mr. Kieran Quinlan (National Consortium for the Study of Terrorism and Responses to Terrorism (START)) – Event Data and the Construction of Reality
- *2 August 2016*: Dr. Steve Sin (National Consortium for the Study of Terrorism and Responses to Terrorism (START)) – Organisations' Likelihood of Conducting Cyber Attacks
- *16 August 2016*: Dr. Neil Johnson (University of Miami) – New Online Ecology of Adversarial Aggregates: ISIS and Beyond
- *23 August 2016*: Dr. Diane DiEuliis (National Defense University) – Emerging Biotechnologies: Implications for Biological Weapons and Biodefense

- *30 August 2016*: Mr. Frank Brundtland Steder (Norwegian Defence Research Establishment) – The Russian Bear in the Grey Zone
- *13 September 2016*: Dr. Wilmot Nah Adekoya (Joint Chief of Staff) – Exploring Ghana’s Strategies for Stability: Lessons for Postwar Reconstruction in Liberia
- *15 November 2016*: Dr. Greg Nicholas (Homeland Defense and Security Information Analysis Center (HDIAC)) – National Security Risks of Emerging Technologies
- *22 November 2016*: COL Allen Garrison (U.S. Army Research, Development, and Engineering Command (RDECOM), Americas) – Mission Overview Brief
- *22 November 2016*: Dr. Prabhakar Misra (Howard University) – Development and Optimization of Machine Learning Algorithms and Models of Relevance to Large Databases and Homeland Security Counterterrorism Efforts at START
- *16 December 2016*: Dr. Charles R. Ehlschlaeger (U.S. Army Corps of Engineer's Engineer Research and Development Center) – The Data to Decisions DoD Megacities Gap

## 2015

- *6 January 2015*: Mr. James Walsh (UNCC) – Natural Resources, Transnational Crime, and Armed Conflict
- *13 January 2015*: Dr. Tricia Bacon (American University) – Terrorist Group Alliance Behavior
- *20 January 2015*: Ms. Jacqueline Bahe and Dr. Christopher Dixon (BWM Outcomes) – Indeterminate Measures Collection and Analysis Program (IMCAP)
- *3 February 2015*: Ms. Shana McLean (EUCOM Strategic Foresight) – We Are Family? Governance and the Prospects for Instability in Europe
- *10 February 2015*: Dr. Eugene Rumer (The Richard Stockton College of New Jersey) – Conflict in Ukraine: The Unwinding of the Post-Cold War Order
- *17 February 2015*: Mr. Elmer Roman (OSD, AT&L) – DoD Efforts to Enable the UN to Enhance its Technical Capabilities for Peace Keeping Operations
- *24 February 2015*: Dr. Nathan Meehan and Dr. Joel Alejandre (US Naval Research Laboratory) – The Preference of Place: The PIC Methodology, Suicide Terrorism, and Pattern Crimes
- *25 February 2015*: Dr. Nils Gilman (UC Berkeley) – The Twin Insurgency: Governance and Authority in a Time of Declining State Hegemony
- *3 March 2015*: Dr. Gary Ackerman (UMD, START) – Terrorist Adoption of Emerging Technologies
- *10 March 2015*: Dr. Joshua Freilich, Dr. Steven Chermak, Dr. Jeff Gruenewald, Dr. Will Parkin (John Jay College of Criminal Justice, City University of New York, Michigan State University) – Violence Perpetrated by Supporters of Al-Qa’ida and Affiliated Movements (AQAM): Fatal Attacks and Violent Plots in the United States
- *17 March 2015*: Mr. Christopher Holshek (International Civil-Military Peace & Security Consultant) – Toward a New Strategy of Peace
- *25 March 2015*: Mr. Kalev Leetaru (UIUC) – GDEL
- *31 March 2015*: Dr. Steve Sin (UMD START) – Organized and/or Transnational Criminal Cartel Nexus with Illicit Radiological/Nuclear (RN) Trade, Smuggling and/or Terrorism in Europe and North Sahelian and West Africa

- *21 April 2015*: Dr. Victor Asal (SUNY Albany) – Analysis of Terrorist and Insurgent Behavior Related to Lethality, Alliances and CBRN using new time series data and new methodological approaches
- *28 April 2015*: Dr. Margaret Wilson (Imperial College London) – Political Assassinations: A Behavioral Analysis
- *5 May 2015*: Dr. Johanna Birnir (University of Maryland) – Studying Ethnic Minorities Religion and Violence
- *12 May 2015*: Dr. Bill Casebeer (Lockheed Martin) – Building a "Cognitive Exoskeleton" How Big-Data Driven Cognitive Science Can Improve Human Problem Solving
- *19 May 2015*: Dr. Frank Foley (King's College London) – The Tyranny of the Routine in Counterterrorism: Why U.S. Inter-Agency Operations Break Down
- *26 May 2015*: Dr. Shadi Hamid (Brookings Institute) – Islam, Violence, and the Crisis Within Liberalism
- *2 June 2015*: Dr. Paulo Shakarian (Arizona State University) – The Cyber Battlefield: Now and the Near Future
- *9 June 2015*: Dr. Ariel Ahram (Virginia Tech) – Pro-Government Militias, Regimes, and the Repertoires of Illicit State Violence
- *16 June 2015*: Lt Col Craig Perry (Joint Information Operations Warfare Center (JIOWC), J9) – JIOWC Megatrends: Forecasting the Future Information Environment
- *23 June 2015*: Mr. Roger Gaebel (Joint Information Operations Warfare Center (JIOWC), Advocacy & Force Development Division) – JIOWC Megatrends: Urbanization and the Rise of Mega-Cities
- *30 June 2015*: Captain Steven Anelmetti (Joint Information Operations Warfare Center (JIOWC), J2 Fusion) – JIOWC Megatrends: Big Data
- *14 July 2015*: Mr. Scott Petroski (Joint Information Operations Warfare Center (JIOWC), J9) – JIOWC Megatrends: The Youth Bulge and Demographic Shifts
- *21 July 2015*: Dr. Erin Fitzgerald (MINERVA) – 2015 MINERVA Awardees
- *28 July 2015*: Dr. (Major) Jason Spitaletta (JHUAPL) – Intolerance of Uncertainty and Ambiguity and the Preservation of Working Memory Capacity in Military and Undergraduate Cohorts
- *4 August 2015*: Dr. Nathan Meehan (US Naval Research Laboratory) – Identifying Threats in Peacekeeping Environments
- *11 August 2015*: Maj David Blair (Harvard University) – The Sawtooth and the Ratchet: Competitive Adaptation and Organic C2 in Network Combat
- *19 August 2015*: Mr. Andy Bringuel (FBI) – Advancing Structured Professional Judgment Tools for CT
- *25 August 2015*: Mr. Richard Cincotta (The Stimson Center) – Demography as Strategic Warning: Predicting Political Transitions in "Age-structural Time"
- *1 September 2015*: Col Mike Jernigan (USMC) – Developing Leaders For Modern Combat
- *8 September 2015*: Ghada Ahmed and Danny Hamrick (Duke/MINERVA) – A Global Value Chain Analysis of Food Security and Food Staples for Major Energy-Exporting Nations with a Russia Focus
- *15 September 2015*: Dr. Erik Gartzke (University of CA, San Diego) – Deterring Complex Threats: The Effects, Asymmetry, Interdependence, and Multi-polarity on International Strategy

- *22 September 2015:* Brenda Oppermann (Changers 360) – The Multiple Roles of Women in the Continuum of Irregular Conflict
- *29 September 2015:* Lincoln Pratson (Duke) – The International Tie Between Food and Energy Security and Their Shared Vulnerability at International Trade Chokepoints
- *6 October 2015:* Amy Zalman (World Future Society) – A New Approach to Strategy
- *13 October 2015:* Dr. Allison Astorino-Courtois (NSI) – HEART Model
- *20 October 2015:* Mr. David Goldich (Gallup) – What the World Thinks
- *3 November 2015:* Maj Jason Spitaletta (JHU/APL) – Comparative Psychological Profiles: Baghdadi and Zwahiri
- *10 November 2015:* Dr. Shalini Venturelli (American University) - Accelerating Warfighting Capabilities of Partner Forces in Insurgency Wars: Breakthroughs from the Field
- *17 November 2015:* Mr. Jeff Becker (Joint Staff, J7) – Combinations Workshop
- *24 November 2015:* Edward Steinfeld (Brown University) – China's Emerging Capabilities in Energy Technology Innovation and Development
- *1 December 2015:* Dr. Susan Fahey (The Richard Stockton College of New Jersey) – Predictors of Attacks Against Schools and Other Educational Targets
- *8 December 2015:* Dr. Hunter Hustus (Neuroeconomics Studies) – The Neurobiology of Persuasion
- *15 December 2015:* Dr. Jacquelyn Manley (TX A&M) – Communication Power in Israeli Digital Diplomacy, Towards a Networked Theory of Geopolitics

## **2014**

- *7 January 2014:* Mr. Michael Krepon (Stimson Center) – Deterrence Stability and Escalation Control in South Asia
- *14 January 2014:* Dr. Amy Pate (START, University of Maryland) – Extremist Pathways to Power: The Rise of Extremist Ideologies to State Dogma
- *21 January 2014:* Dr. Robert Lamb (Center for Strategic and International Studies (CSIS)) – South Asia Regional Dynamics and Strategic Concerns, 2014–2026: A Framework for U.S. Policy and Strategy in South Asia
- *4 February 2014:* Dr. Tony Lemieux (GSU) – Inspire Magazine: A Critical Analysis of its Significance and Potential Impact Through the Lens of the Information, Motivation and Behavioral Skills Model
- *11 February 2014:* Mr. Bob McCreight (Independent Consultant) – A Glimpse of Future Asymmetric Threats: Convergent Technologies and Emerging Challenges
- *25 February 2014:* LTC John Ferrell (SOUTHCOM) – SNAP JCTD: Nanosatellite Project (SNAP-3) Joint Concept Technology Demonstration (JCTD)
- *4 March 2014:* Dr. Jun Zhuang (University at Buffalo) – Validating Models of Adversary Behavior
- *11 March 2014:* Dr. Victoria Romero (Charles River Analytics in Cambridge, MA) – The Role of Narrative Transportation in Creating Persuasive Messages
- *18 March 2014:* Dr. Les Servi (MITRE) – Analyzing Social Media Data Having Discontinuous Underlying Dynamics
- *25 March 2014:* Dr. Steve Gerras (Army War College) – Changing Minds in the Army. Why it's so difficult and What to do about it
- *1 April 2014:* Dr. Josh Kerbel (DIA) – Globalization and Its Imperatives for Intelligence

- *8 April 2014:* Jonathan Wilkenfeld, Jayne Nucete, Devin Ellis (University of Maryland) – International Communication and Negotiation Simulations (ICONS)
- *15 April 2014:* Mr. John Sawyer (University of Maryland) – Profiles of Individual Radicalization - A Quantitative Approach
- *22 April 2014:* Dr. Nahum Gershon (Mitre) – Story is NOT History and Screen is NOT Paper: PowerPoint & Other Inflictions
- *29 April 2014:* Mr. Bill Busch, Ms. Shana McLean, Dr. Regan Damron (EUCOM, ECJ2SC-Futures) – Strategic Foresight: Acquiring Knowledge in Pursuit of Insight
- *6 May 2014:* Mr. Juan Hurtado (USSOUTHCOM) – Big Ticket Items from SOUTHCOM Perspective
- *13 May 2014:* Mr. John Watts (Noetic Group) – Understanding Future Threats through Analytical Gaming
- *20 May 2014:* Dr. James Giordano (Georgetown University Medical Center) – Operational Considerations of Neuro S/T
- *27 May 2014:* Dr. Peter Neumann (Kings College, London) – Syrian Foreign Fighters
- *3 June 2014:* Dr. Jeffrey Lewis (Ohio State University) – Suicide Bombing
- *10 June 2014:* Dr. Brian Min (University of Michigan) – Monitoring Energy Security and Political Stability Across States
- *17 June 2014:* Ms. MacKenzie Harms (University of Nebraska, Omaha) – Examining AQI Through Organizational Perspectives; i.e. Mergers and Acquisitions
- *24 June 2014:* Dr. Larry Regens (University of OK, Health Sciences Center) - Probabilistic Graphical Modeling of Terrorism-centric Behavior Recognition
- *1 July 2014:* Dr. Erin Fitzgerald (MINERVA) – Overview of the New 2014 Minerva Research Efforts
- *8 July 2014:* Dr. Martha Crenshaw (Stanford University) – Failed and Foiled Jihadist Plots
- *15 July 2014:* Dr. Thomas Barnett (Wikistrat) – Crowdsourcing for Analytical Simulations
- *22 July 2014:* Dr. Brooke Fisher Liu (UMD START) – How to Communicate Risks/Emergencies/Disasters to the Public to Help them Better Prepare for, Respond to, and/or Recover
- *29 July 2014:* Dr. Brian Min (University of Michigan) – Monitoring Energy Security and Political Stability Across States
- *5 August 2014:* Dr. Erik Dahl (NPS) – Improving Intelligence by Learning from Intelligence Success
- *12 August 2014:* Dr. Pete Simi (University of Nebraska at Omaha) – Recruitment and Radicalization Among US Far-Right Terrorists
- *19 August 2014:* Dr. Joseph Young (American University) – “If Torture is Wrong, What About 24?”: Torture and the Hollywood Effect
- *26 August 2014:* Dr. William Braniff (University of Maryland, START) – Conceptual Frameworks for Understanding Global Jihadsim
- *2 September 2014:* Dr. Shalini Venturelli (American University) – Sociocultural Lessons for Current and Future Conflicts from Iraq and Afghanistan
- *9 September 2014:* Dr. Jeff Brantingham (UCLA) – How Does Police Patrol Disrupt Crime?
- *16 September 2014:* Dr. Gina Ligon (University of Nebraska at Omaha) – The Islamic State (IS): An Interplay between Skilled Leadership and Sophisticated Organization
- *23 September 2014:* Dr. Steve Weine (University of Illinois at Chicago) – CVE Enhanced Community Policing & Accelerating CVE



- *1 October 2014:* Dr. Katherine Shats (Georgetown University Medical Center) – Insights to ISIS Recruitment Narratives and Iconographies: Operational Targets for Mitigation
- *21 October 2014:* Dr. Diane DiEuliis (HHS) - Ebola Crisis
- *4 November 2014:* Dr. Amy Henninger (Institute for Defense Analyses) – Big Data/Data Analytics
- *13 November 2014:* Mr. Joe Squatrito and Ms. Jennifer Cho (Vencore) – Behavioral Change Communication in Times of Disease Outbreak
- *18 November 2014:* Mr. Robert Warburg (USASOC) – SOF Operational Design
- *25 November 2014:* Dr. Joseph Cohn (Office of Naval Research) – Intuitive Decision Making
- *1 December 2014:* Dr. Linton Wells and Dr. Jen Ziemke ((Ziemke) Crisis Mappers) – Crisis Mapping and Open Source Geospatial Information Systems (GIS)
- *9 December 2014:* Dr. Clark McCauley (Bryn Mawr) - Three Lessons from Research on Political Radicalization
- *16 December 2014:* Dr. Joshua Comenetz (Census Bureau) – International Geospatial Activities

## **2013**

- *15 January 2013:* Dr. Rebecca Goolsby (Office of Naval Research) – Social Cyber Attack: Invitation to Tech Demo on Recent Libyan Embassy Crisis
- *22 January 2013:* Dr. Dan Plafcan (OUSD(I)) – OUSD(I) Socio-Cultural Analysis: Integrating Best Practices and Emerging Analytics
- *29 January 2013:* Dr. Jaime Ortega (University of Chile, Center for Mathematical Modeling) – Social Behavior M&S Framework for Assessing Strategies in Response to Crisis: H1N1
- *5 February 2013:* Dr. Markovic Vesna (Institute for the Study of Violent Groups) – ISVG Update
- *12 February 2013:* Dr. Rita Parhad, Aaron Harms, Mike Grosack (Monitor 360) – Master Narratives of Extremist Organizations
- *19 February 2013:* Mr. Gregory Freeman (NPS) - Syria Project
- *26 February 2013:* Dr. Clark McCauley (Bryn Mawr) – Testing Theories of Radicalization
- *5 March 2013:* Dr. Linton Wells (NDU) – Center for Technology & National Security Policy (CTNSP), National Defense University (NDU) Research
- *12 March 2013:* Dr. Sunil Dasgupta (UMBC) – Afghanistan Post 2014
- *19 March 2013:* Ms. Holly Russo (ISW/DARPA) - Measuring Human Activity Beyond Traditional Biometrics
- *26 March 2013:* Dr. Rodrigo Nieto-Gomez (NPS) – The Geopolitics of Clandestine Innovation in the Drug Business. A Framework of Analysis to Understand Adaptation Capacities of TCOs
- *2 April 2013:* Dr. Chuck Ehlschlaeger (ERDC) – A Long View on Stability Operations' Long Data
- *9 April 2013:* Ms. Gretchen Peters (BAH) – The Intersection of Crime and Conflict
- *16 April 2013:* Ms. Elizabeth Lyon (USACE) – MapStory
- *30 April 2013:* Mr. Steve Shellman (Analytic Enterprises) – Sentiment & Discourse Analysis Theory, Extraction, and Application
- *7 May 2013:* Ms. Laura Roselle (Elon) – Strategic Narratives in a New Media Environment
- *14 May 2013:* Dr. Allison Astorino-Courtois (NSI) – Stability Model
- *21 May 2013:* Mr. Dan Flynn (DNI) – Role of Gaming
- *28 May 2013:* Mr. Ryan Paterson (IST Research) – Citizen Self-Reporting: Using Indigenous Communications as a Cooperative Information Sharing Platform

- *4 June 2013*: Mr. Patrick Dudas (NPS) – Cooperative, Dynamic Twitter Parsing and Visualization For Dark Network Analysis
- *11 June 2013*: Dr. Valerie Sittlerle (GA Tech) – Socio-Technology Complexity: Analytical Implications for the Future
- *18 June 2013*: Maj Mark Dmytryszyn (Joint Staff) – A U.S. Minimum Nuclear Deterrence Strategy
- *9 July 2013*: Ms. Jennifer Keister (NDU) – How Rebels Establish Authority Over Civilian Populations, Drawing Evidence from Field Work in Mindanao
- *16 July 2013*: Dr. Kaley Leetaru (Georgetown University) – GDELT and half on my work on the geography of social media
- *23 July 2013*: Dr. Peter Suedfeld (UBC) – Measurement and Some Applications of Integrative (Cognitive) Complexity
- *30 July 2013*: Dr. Pano Yannakogeorgos (USAF) – Cyber Warfare: Why Clarifying These Fighting Words
- *6 August 2013*: Ms. Colleen McCue (Digital Globe) – Optimizing Operational Asset Allocation through Statistical Modeling of Human Behavior
- *13 August 2013*: Maj Jason Spitaletta (JHU/APL) – Countering Terrorists: Psychological Risk Factors of Radicalization
- *20 August 2013*: Dr. Will Scott (USAF Academy) – Teaching Cultural Competencies for Complex Socio-Cultural Contexts: Evidence from a Realistic Field Simulation
- *27 August 2013*: Dr. Randall Hill (University of Southern California) – Large-Scale Urban Simulations and Mega-Data Management
- *3 September 2013*: CAPT Wayne Porter (NPS) – Strategic Planning, Complexity, and Sense-making
- *10 September 2013*: Maj David Blair (Georgetown) – It Takes a Market: A General Model of Illicit Market Suppression
- *17 September 2013*: LTC Matthew Yandura (Joint Staff, J39) – The Science of Behavior and the Art of the Possible: How Behavioral Science Can Make The World A Safer, More Stable Place
- *24 September 2013*: Dr. Lou Elin Dwyer (NDU) – TIDES Sustainable Solutions for Populations Under Stress Post Disaster - Post War – Impoverished
- *8 October 2013*: Dr. Amy Pate (UMD) – Illicit Trafficking
- *15 October 2013*: Mr. Gerald Scott (NPS) – SWIF
- *22 October 2013*: Dr. Laura Dugan (UMD) – Government Actions in Terrorist Environments (GATE)
- *29 October 2013*: Dr. Gina Ligon (University of Omaha) – Violence Through the Lens of an IO Psychologist
- *5 November 2013*: Dr. Victor Asal (University at Albany) - Explaining VNSA Lethality and CBRN Use Using a Quantitative Data Driven Perspective
- *19 November 2013*: Dr. Haroon Khan (Henderson State University) – Globalization, Immigration, and Relative Deprivation: A Casual Explanation
- *26 November 2013*: Jacquelyn Chin, Sean Colbath, and Randy Kluver (Texas A&M University and Colbath is from Raytheon) – Military Coup or Democratic Revolution: Capturing Sentiment in Arabic Twitter Discourse concerning Egypt; and Web Monitoring System

- *3 December 2013*: Dr. Monsoor Moaddel (University of Maryland) – Political Regimes, Intellectual Market, and Ideological Production: The Cases of the Middle East
- *17 December 2013*: Mr. Justin Logan (Cato Institute) – Offshore Balancing in Asia: Can America Afford to Do Less?

## **2012**

- *10 January 2012*: Dr. Jacek Kugler (Claremont Grad University) – Deterrence/Recent Events
- *17 January 2012*: Dipak Gupta & Ming Tsou (San Diego State University) – Cyber Efforts
- *24 January 2012*: Chris Bronk (Rice University) –
- *7 February 2012*: Dr. Tom Lynch (NDU) – Nuclear Stability in South Asia and the Impact of Iran
- *10 February 2012*: Dr. Sunil Dasgupta (University of Maryland) – Pakistan Civil War & Indian Response
- *14 February 2012*: Dr. Derek Ruths (McGill University) – A Review of Large-scale Analysis of Mainstream Political Discourse on Twitter
- *21 February 2012*: Dr. Joan Chiao (North Western) – Cultural Neuroscience
- *28 February 2012*: Dr. Mehreen Farooq (WORDE) – Grass Roots Efforts in Pakistan
- *6 March 2012*: Dr. Happymon Jacob (School of International Studies, New Dehli) – Nuclear Deterrence and Strategic Stability in South Asia
- *6 March 2012*: Mr. Jon Polay (Thetus) – Thetus and Savanna
- *13 March 2012*: Dr. Richard Stoll (Rice University) – Impact of Genetics on Political Attitudes
- *3 April 2012*: Dr. Rita Parhad (Monitor 360) – Master Narratives
- *17 April 2012*: Dr. Hy Rothstein, Dr. John Arquilla (Naval Post Graduate School) – Afghanistan Observations
- *18 April 2012*: Dr. Katya Drozdova (Seattle Pacific) – Afghan Soviet Lessons
- *8 May 2012*: Dr. Anne McGee (NPS) – Using Public Diplomacy Analytic Approaches to Examine Goals and Effects of U.S. Military Educational Exchange Programs
- *15 May 2012*: Dr. Chris Griffin (Penn State) – Quantifying and Predicting the Behavior of Violent Extremist
- *22 May 2012*: Boleslaw Szymanski (Rensselaer Polytechnic Institute) – Organizations
- *29 May 2012*: Mr. Ken Ballen (Terror Free Tomorrow) – Terrorists in Love
- *5 June 2012*: Dr. James Giordano (Potomac Institute for Policy Studies) – Neuroscience and Neurotechnology in National Security, Intelligence and Defense: Practical Issues, Neuroethical Considerations
- *19 June 2012*: Mr. Steven Rotkoff (Dean, University of Foreign Military Studies (UFMCS), TRADOC G2) – UFMCS and Decision Support Red Teaming
- *26 June 2012*: Mr. William Busch (EUCOM, ECJ2SC-Futures) – Modeling
- *27 June 2012*: Sharad Joshi (Monterey Institute of International Studies) – WMD Attitudes of Terrorist and Radical Groups in Pakistan
- *10 July 2012*: Dr. Erin Fitzgerald (OSD Minerva) – Minerva
- *17 July 2012*: Mr. Ben Jordan (TRADOC) – Athena
- *24 July 2012*: Ms. Ashley Bybee (IDA) – Designing a Qualitative Data Collection Strategy (QDCS) for Africa

- *31 July 2012*: LTC Carl Lee (GMU) - Analyzing Social Media for Conversation Shift Due to Related Events
- *7 August 2012*: Dr. Laura Jean Palmer-Moloney (USACE) – Afghanistan Observations
- *21 August 2012*: Ms. Polly Nayak (Independent Consultant) – Indian Government Decision Making
- *28 August 2012*: Dr. Brian Cugleman (AlterSpark Consulting) – Countering Online Extremists With Persuasive e-Campaigning
- *18 September 2012*: Dr. Lawrence Kuznar (NSI) – Taliban Narratives
- *16 October 2012*: Dr. Gary Ackerman (National Consortium for the Study of Terrorism and Responses to Terrorism (START)) – Pakistani Criminal Organizations: Collaboration with Terrorists, Potential for Smuggling Rad/Nuke Materials and Destabilization of the Pakistani State + START Update
- *23 October 2012*: Dr. Chuck Ehlschlaeger (ERDC) – Human Geography in Stability Operations, an Overview of the Discipline
- *14 November 2012*: Dr. Karl DeRouen (University of Alabama) and Dr. Shaun Goldfinch (Nottingham University Business School, U.K.) – What Makes a State Stable and Peaceful? Good Governance, Legitimacy, and Legal-rationality Matter Even More for Low-Income Countries
- *11 December 2012*: Dr. Les Servi (Mitre) – The Analysis of Twitter to Infer and Predict Mood
- *18 December 2012*: Dr. Anne Speckhard (Georgetown University Medical School) – Taking on the Persona of a Suicide Bomber: A Thought Experiment

## **2011**

- *13 December 2012*: Dr. Justin Anderson (SAIC) – Indian Nuclear Deterrence
- *20 December 2012*: Dr. Paul Hanley (NDU) – Information Volume & Velocity