

2015 MINERVA MEETING AND PROGRAM REVIEW



EVENT OVERVIEW

WEDNESDAY, SEPTEMBER 9

8:00-9:00am	Registration	<u>Room</u>
9:00-9:30	Welcome	Polaris
9:30-10:15	Keynote: Lieutenant General H.R. McMaster	
10:30-11:45	2015 Minerva Awardee Blitz, Part 1	
11:45-12:45	<i>Lunch and Continued Discussion</i>	
12:45-2:15pm	Session 1	
Track A	Calculating the Willingness to Fight	Polaris
Track B	Instability and Armed Conflict in South and Southeast Asia	Oceanic
Track C D	Perceptions of Russia from Its Neighbors and Within	Meridian
2:30-3:30	Interactive Session: Research and Resources	
3:45-5:15	Session 2	
Track A D	State Collapse, Religion, and Jihad	Polaris
Track B	Efficacy of Foreign Interventions	Oceanic
Track C	Views of the US from Global Partners and Competitors	Meridian
5:30-7:30p	<i>No-Host Networking Reception</i>	Elephant & Castle

Thursday, September 10

8:45am	Opening, Day 2	
9:00-10:15	2015 Minerva Awardee Blitz, Part 2	Polaris
10:30-12:00	Session 3	
Track A	Resource Control and Strategies of Violence	Polaris
Track B D	Computational Methods for Social Science	Oceanic
Track C	Gray Zone Conflict: Aggression Below the Threshold	Meridian
12:00-1:00pm	<i>Lunch and Continued Discussion</i>	
1:00-2:30	Session 4	
Track B C	Afghanistan Stability, Post-Withdrawal	Polaris
Track A D	Neuroscientific bases for influence and identity	Oceanic
2:45-3:45	Translating Social Science Research for Education and Operations	
3:45-4:30	Future Directions for Minerva Research	

September
9-10,
2015

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WEDNESDAY, SEPTEMBER 9

8:00-9:00am **Registration**

9:00-9:30 **Welcome**

Polaris Suite

- **Erin Fitzgerald**
Program Director, Minerva Research Initiative
Joint assignment with OSD Policy and OSD(AT&L)
- **Mara Karlin**
Co-Chair, Minerva Steering Committee
Deputy Assistant Secretary of Defense for Strategy & Force Development
Office of the Under Secretary of Defense for Policy
- **Robin Staffin**
Co-Chair, Minerva Steering Committee
Director for Basic Research
Office of the Under Secretary of Defense for Acquisition, Technology, & Logistics

9:30-10:15 **Keynote Address**

Polaris

- **Lieutenant General H.R. McMaster**
Director, Army Capabilities Integration Center and
Deputy Commanding General, Futures,
US Army Training & Doctrine Command

10:30-11:45 **2015 Minerva Awardee Blitz, Part 1**

Short overviews of research plans ahead from 2015 Minerva grant awardees

Principal Investigator	Project Title
Tony Lemieux Georgia State University	Mobilizing Media: A Deep and Comparative Analysis of Magazines, Music, and Videos in the Context of Terrorism
Noemie Bouhana University College London	The Social Ecology of Radicalization: A Foundation for the Design of CVE Initiatives
Zeev Maoz UC Davis	The Effect of Shocks on Overlapping and Functionally Interacting Social and Political Networks: A Multimethod Approach
Charles Glaser George Washington Univ.	Spheres of Influence, Regional Orders: Assessing Approaches for Understanding China's Rise
Clare Sullivan & Eric Burger Georgetown University	Security Assessment Framework for E-Residency (pilot project)
Hasan Davulcu Arizona State University	New Analytics for Measuring and Countering Social Influence and Persuasion of Extremist Groups

DAY ONE

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11:45-12:45pm Lunch and Continued Discussion

Panels for Research and Defense Context:

Track A: Radicalization and Mobilization Track C: Regimes, Power, and Deterrence
Track B: Societal Resilience and Stability Track D: Analytical Methods for Security Research

12:45-2:15pm **Session 1**

Track A: Calculating the Willingness to Fight

Polaris

Scott Atran, ARTIS Research

Sacred Values and Social Responsibilities in Governance and Conflict Management

Maria Rasmussen, Naval Postgraduate School

Who Does Not Become a Terrorist, and Why?

CAPT Todd Veazie, Chief of Net Assessment, National Counterterrorism Center

Discussant: Lt Col PJ Maykish, Senior Air Force Strategy Advisor, OSD Policy

Tracks B: Instability and Armed Conflict in South and Southeast Asia

Oceanic

Sarah Kaiser-Cross, UT Austin

Complex Emergencies and Political Stability in Asia

Brandon Prins, University of Tennessee

Political Reach, State Fragility, and Maritime Piracy: Explaining Piracy & Pirate Organization

LTC Scott Davis, Asia strategist, Joint Staff J-5 Strategy

Discussant: LeeAnn Borman, Director for Pakistan, OSD Policy

Track C/D: Perceptions of Russia from Its Neighbors and Within

Meridian

Theodore Gerber, University of Wisconsin

Perceptions of Russian Soft Power in Four Post-Soviet Countries

Thom Sherlock, US Military Academy at West Point

A New Cold War? Russian Public Opinion as a Key Determinant

Gina Faranda, Acting Director, Office of Opinion Research, Department of State

Discussant: COL David Millner, Country Director for the Baltics, OSD Policy

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2015 MINERVA MEETING AND PROGRAM REVIEW

DAY ONE

2:30-3:30pm **Interactive Session: Research and Resources**

Posters, demos, and discussions featuring Minerva research and Minerva-generated data/tools

Research Discussions:

Polaris

- **Security Assessment Framework for E-Residency in Estonia**
Clare Sullivan, Georgetown University (PI: Burger)
- ***Identifying risk factors for violent extremism among Somali refugee communities**
Saida Abdi, Harvard Medical School (PI: Ellis)
- **Global Value Chain of Food Security for Energy-Exporting Middle East Nations**
Ghada Ahmed, Duke University (PI: Gereffi)
- **Land Rights and Stability in Indigenous Societies of Central America**
Jerome Dobson and Peter Herlihy, University of Kansas
- ***Forecasting civil conflict under different climate change scenarios**
Elisabeth Gilmore, University of Maryland
- **Food access along alternative socioeconomic and climate policy pathways**
Ryna Cui, University of Maryland (PI: Gilmore)
- **Tracking Critical-Mass Outbreaks in Social Contagions**
Clay Fink and Aurora Schmidt, Johns Hopkins Applied Physics Laboratory (PI: Macy)
- **Political Crisis & Language: A Computational Assessment of Security Threats**
Alistair Windsor and Nia Dowell, University of Memphis (PI: Windsor)
- **Impunity: Confronting Illicit Power Structures in War and Transition**
Michelle Hughes, VALRAC Innovation

Demonstrations of Data and Tools:

Foyer

- **ORA – A Meta-network Analysis Tool**
Kathleen Carley and Jeffrey Reminga, Carnegie Mellon University
- **LookingGlass: A Visual Intelligence Platform for Tracking Online Social Movements**
Hasan Davulcu, Arizona State University
- **The WomenStats Database**
*Donna Lee Bowen, Brigham Young University and Lauren Eason, WomanStats Project (PI: Hudson)
- ***The Western Jihadism Project**
Jytte Klausen, Brandeis University
- **Explaining Piracy and Pirate Organization, 1993-2016**
Brandon Prins, University of Tennessee
- **Natural Resource Exploitation and Armed Conflict Dataset**
James Igoe Walsh, UNC Charlotte

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* Researcher available for discussion Thursday only



3:30-5:00pm **Session 2**

Track A|D: Religion, State Collapse, and Jihad

Polaris

Andrzej Nowak, University of Warsaw
Motivational, Cognitive, and Social Elements of Radicalization and Deradicalization

Ibrahim Yahaya Ibrahim, University of Florida
Political Reform, Socio-Religious Change, and Stability in the African Sahel

LTC John Gallagher, Staff Officer to the Chairman of the Joint Chiefs of Staff

Discussant: Pauline Kusiak, Director for North-West-Sahel Africa, OSD Policy

Track B: Efficacy of Foreign Interventions

Oceanic

Joseph Wright, Penn State
Autocratic Stability During Regime Crises

Daniel Milton, US Military Academy at West Point
How Invitations for Intervention Influence Political Violence

LTC Chuck Rush, Army Planner, Office of the Chief of Staff, U.S. Army

Discussant: James Truran, UK Exchange Officer and Strategist, OSD Policy

Track C: Views of the US from Global Partners and Competitors

Meridian

Craig Deare, College of International Security Affairs, National Defense University
U.S.-Mexico Bilateral Defense Relationship 1988-2014: Continuity and Change

John Blaxland, Australian National University
How the Thai Military Perceives the USA and China & Implications for a US Rebalance

LTC Rebecca Patterson, International Organizations Bureau, Department of State

Discussant: Lori Abele, Director of Southeast Asia, OSD Policy

5:30-7:30pm **No-Host Networking Reception**

Elephant & Castle
1201 Pennsylvania Ave NW

DAY ONE

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2015 MINERVA MEETING AND PROGRAM REVIEW

THURSDAY, SEPTEMBER 10

8:45am Opening, Day 2

Plenary Session

9:00-10:15am **2015 Minerva Awardee Blitz, Part 2**

Polaris

Principal Investigator

Project Title

Dana Rovang

for PI Robert Pape, Univ of Chicago

The Social and Neurological
Construction of Martyrdom

Kathleen Carley

Carnegie Mellon University

Dynamic Statistical **Network Informatics**

Lawrence Markowitz, Rowan University

for PI Mariya Omelicheva, University of Kansas

Trafficking/Terrorism Nexus in Eurasia

Tony Rivera

Duke University

A Computational Model of Resources and Resiliency: Deploying the Elements of National Power for Strategic Influence

Paul Hensel

University of North Texas

Identity Claims: Expanding the Issue Correlates of War (ICOW) Dataset

Sarah Lain, Royal United Services Institute

for PI Patrick Porter, University of Exeter

Ambiguous & Information Warfare in a Russian & Chinese Age

Panels for Research and Defense Context:

10:30-12:00pm **Session 3**

Track A: Resource Control and Strategies for Violence

Polaris

James Igoe Walsh, UNC Charlotte

Natural Resources, Transnational Crime, and Armed Conflict

Philip Potter, University of Virginia

Terrorist Alliances: Causes, Dynamics, and Consequences

LTC Kenny Kuniyuki, Strategy Development Branch Chief, Joint Staff J-5

Discussant: Jim Alverson, Director for Global Threats, OSD Policy

Tracks B|D: Computational Methods for Social Science

Meridian

Markus Schläpfer, Santa Fe Institute

Energy & environmental drivers of stress/conflict in multiscale models of human social behavior

Claudio Cioffi-Revilla, George Mason University

Agent-based Modeling of Radicalization and Security Theory and Research

Jim Mitre, Director for Strategic Analysis, OSD Policy

Discussant: Lisa Troyer, SETA Contractor in support of the Army Research Office

Track C: Gray Zone Conflict: Aggression Below the Threshold

Oceanic

Erik Gartzke, UC San Diego

Deterring Complex Threats: Asymmetry, Interdependence, and Multi-polarity

Eli Berman, UC San Diego

Deterrence with Proxies

CAPT Philip Kapusta, U.S. Special Operations Command

Discussant: Andy Goodhart, Strategy and Force Development, OSD Policy

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12:00-1:00p Lunch and Continued Discussion

1:00-2:30p **Session 4**

Track A|D: Neuroscientific bases for influence and identity

Meridian

Matthew Lieberman, University of California, Los Angeles
Neural Bases of Persuasion

Michele Gelfand, University of Maryland
Strength of Social Norms Across Cultures

James Giordano, Chief, Neuroethics Studies Program, Georgetown University and
Sr Science Advisory Fellow, Strategic Multilayer Analysis Branch, Joint Staff, J-3

Discussant: Bill Casebeer, Human Systems Optimization Research Area Manager for the
Lockheed Martin Advanced Technology Laboratories

Track B|C: Afghanistan Stability, Post-Withdrawal

Polaris

Ethan Kapstein, US Institute of Peace and Arizona State University
Does Current Investment Predict Future Violence? Lessons from Afghanistan

Jacob Shapiro, Princeton University
Terrorism, Governance, and Development

LTC Colin Jackson, U.S. Naval War College

Discussant: Scott Buchanan, Foreign Affairs Specialist, OSD NATO Policy

Alternate: Interactive Session part 2

Polaris

Posters, demos, and discussions featuring Minerva research and data/tools

2:45-3:45 Translating Social Science Research for Education and Operations

Chris Arney, US Military Academy at West Point
Teaching Undergrads Social Policy Modeling and Inquiry

Polaris

Michelle Hughes, VALRAC Innovation, LLC
Operationalizing Social Science Research

LTC Jeffrey Settle, Chief, Joint Professional Military Education, Joint Staff J-7

Discussant: Erin Fitzgerald, OSD Policy and OSD Research & Engineering

3:45-4:30 Future Directions for Minerva Research

Polaris

- **Erin Fitzgerald**, Program Director, Office of the Secretary of Defense
- **Harold Hawkins**, Program Officer, Office of Naval Research
- **Benjamin Knott**, Program Manager, Air Force Office of Scientific Research
- **Martin Kruger**, Program Officer, Office of Naval Research
- **Lisa Troyer**, Minerva Lead, Army Research Office

~~ Closing ~~

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