



Facilitate, Provide & Enhance

MORS Mini-Symposium Overview

Title: Social Science Underpinnings of Complex Operations (SSUCO)

Date: 18-21 October 2010

Location: [George Mason University, Arlington Campus](#)
Room 329, Original Building

Classification: Unclassified

The purpose of the SSUCO Mini-symposium is to:

- *Introduce analysts to ongoing social science research that may be relevant to their work in complex operations.*
- *Expose analysts to important ongoing and emerging interagency issues that impact complex operations.*
- *Expose analysts to methods and approaches that may help apply social science, regional expertise, and knowledge on current policy topics to studies and other analytic efforts.*

Schedule:

- **Monday:** Tutorials - Intro to DoD analysis
- **Tuesday:** Plenary & Session 1 - Emerging Social Science Research
- **Wednesday:** Session 2 - Interagency & Social Organizational Processes
- **Thursday:** Session 3 - Social Science Applications; and Closing Plenary



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Monday, 18 October 2010

Tutorial: Perspectives on DoD Analysis – Background and Context

Organizer: Dr Andy Loerch, GMU

Location: Room 329, Original Building, GMU Arlington Campus

Schedule Monday, October 19, 2010

- 0800 Registration
- 0900 Intro – [Dr. Andy Loerch](#), FS, Professor Operations Research, GMU
- 0915 ORSA perspective, LTC Dave Smith, [CAA](#)
- 1015 Break
- 1030 DoD analysis perspective – [Dr. Paul Davis](#), RAND
- 1130 Lunch
- 1230 Intelligence analysis perspective – Dr Anastasia Norton
- 1315 Policy analysis perspective – [Dr. Pauline Kusiak](#), OSD(P)
- 1400 Break
- 1415 Social science researcher perspective, [Dr. Kim Cragin](#), RAND
- 1500 Wrap-up, [Dr. Andy Loerch](#), FS, Professor Operations Research, GMU
- 1530 Adjourn



Tuesday, October 19 2010
Session 1: Emerging Social Science Research
Chair: Ms. Danielle Miller, OSD CAPE JDS
Co-Chair: Dr Pauline Kusiak, OSD Policy

Theme: Emerging Social Science Research. The first day will provide insight into major themes of the social science disciplines and their potential application to complex operations. The focus will be on the type of questions each discipline can address. The similarities and differences among the various social science fields will be addressed as will advances in each field since September 11, 2001.

Schedule Tuesday, October 19 2010

- 0800 Registration
- 0830 Intro: MORS President's Welcome
- 0840 Facility Host Welcome, Dean Edward Rhodes, GMU School of Public Policy
- 0850 Sponsor's Welcome, Eric Coulter, OSD (CAPE)
- 0900 Keynote speaker: [Ambassador John E. Herbst](#), [Center for Complex Operations](#)
- 0945 Break
- 1000 [Professor Rob Albro](#), Anthropology, American University
- 1055 [Professor Elisa Bienenstock](#), Mathematical Sociology, Georgetown University
- 1150 Lunch
- 1250 [Professor Christian Davenport](#), Social Movements, The University of Notre Dame
- 1345 Mr. Aaron Frank, [Computational Social Science](#), George Mason University
- 1440 Break
- 1500 [Professor Agnieszka Paczynska](#), Political Economy, George Mason University
- 1555 Panel: speakers 1-6
- 1700 End of session 1 panel
- 1715 Welcome Mixer – Hard Times Café



Wednesday, October 20 2010
Session 2: Interagency & Social Organizational Processes
Chair: Ms. Karen Grattan, Group W, Inc
Co-Chair: [Dr Allison Frendak-Blume](#), GMU

Theme: Interagency & Social Organizational Processes. Making sense of operations, and organizing across multiple actors and priorities in order to 'get things done' is required in both planning for and conducting complex operations. Operations researchers are finding organizational factors and the social complexity inherent in IW/Complex environments to be key variables in their analyses. This day will explore some approaches to thinking about these problems.

Schedule Wednesday, October 20 2010

- 0830 Intro
- 0845 [Dr. Mark Addleson](#), GMU School of Public Policy
- 0930 [Mr. Elon Weinstein](#), IS2
- 1015 Break
- 1030 [Dr R. Scott Moore](#), NDU [Center for Complex Operations](#)
- 1115 Panel 1 Q&A
- 1215 Lunch
- 1315 Mr. Gene Visco, FS, Lockheed Martin Missiles & Fire Control Brief report from 27 [ISMOR](#)
- 1330 Mr. Mick Crnkovich, [USAID](#) OMA
- 1415 Ms. Julia Nelson, [S/CRS](#) CP
- 1500 Break
- 1515 Ms. Melissa Sinclair, NDU [Center for Complex Operations](#)
- 1600 Panel 2 Q&A
- 1700 Adjourn



Thursday, October 21 2010

Session 3: Social Science Applications – Approach

Chair: Dr. Bill Young, Contractor (SAIC) with OPNAVN81

Co-Chair: [Dr. Paula Holmes-Eber](#), MCU

Theme: Social Science Applications. This session will demonstrate how social science methods are being applied in theater to support data collection and training. It will include discussions of: efforts by social scientists to adapt their methods for acquiring a better knowledge and understanding of the human environment; efforts to identify and provide the kinds of cultural training needed by servicemen and servicewomen; experiences by military end-users with social scientists operating in theater; and reflections by commanders about the contributions that social scientists have made to complex operations.

Schedule Thursday, October 21 2010

0830 Intro

0845 Dr. Daniel Plafcan, [Marine Corps Intelligence Activity](#) (MCIA); Major Rod McHaty, MCIA

1015 Break

1030 Ms. Jennifer Clark, [Human Terrain System](#); Col Edward Mays, [First Marine Expeditionary Force](#)

1200 Lunch

1300 Dr. Kerry Fosher, [CAOCL](#); Major Philip Cushman, Army Directed Studies Office

1430 Break

1445 Panel – speakers 1-6

1545 Break

1600 Synthesis – [Dr. Paul Davis](#), RAND

1630 Closing remarks

1700 Adjourn