

Human and Social Dynamics 2008 Grantees Conference
October 6th and 7th, 2008 - Westin Arlington Gateway
Agenda

Monday, October 6, 2008

- 7:00 AM – 8:30 AM **Morning Refreshments**
Fitzgerald C Foyer
- 7:00 AM - 4:00 PM **Attendee Registration**
Fitzgerald Foyer
- 8:30 AM – 9:00 AM **Opening Session**
Fitzgerald C
- Introduction**
*Mark Weiss, Division Director, Division of Behavioral and Cognitive Sciences,
Directorate for Social, Behavioral and Economic Sciences*
- Welcome**
Kathie Olsen, Deputy Director, National Science Foundation
- Logistics Overview**
Guardians of Honor, LLC (GOH)
- Meeting Overview and Goals**
*Rita Teutonico, Advisor for Integrative Activities, Directorate for Social, Behavioral
and Economic Sciences*
- 9:00 AM – 10:30 AM **General Session 1**
Fitzgerald C
- HSD Research Presentations 1 – Complex Systems**
- **Distributed Cognition: Building Resilience in Communities at Risk**
Louise Comfort, University of Pittsburgh
 - **Mathematical and Simulation Modeling of Crime Hotspots**
Jeff Brantingham, UCLA
 - **Integrating Agent-based Modeling and Life Cycle Analyses to Enhance
Environmental Policy-Making**
Christopher Ruebeck, Lafayette College
- 10:30 AM – 11:00 AM **Break**
- 11:00 AM – 11:30 AM **Science of Science and Innovation Policy**
Fitzgerald C
- Julia Lane, Program Director, Directorate for Social, Behavioral and Economic
Sciences*

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Monday, October 6, 2008 (cont'd)

11:30 AM - 12:30 PM

Breakout Sessions 1: Emergent themes and new methodologies

Participants will discuss the research that has been conducted within the different HSD emphasis areas and identify research themes and/or new methodologies that have emerged. Each breakout group will look for a few unifying themes within their emphasis area and prepare one or two slides for report back to the group.

Session 1 - Cognition, Language, and Modeling

Betty Tuller, NSF SBE
Tanya Korelsky, NSF CISE

Session 2 - Decision Making, Risk Perception, and Coordination

Jon Leland, NSF SBE

Session 3 - Disasters and Decision Making

Bob O'Connor, NSF SBE
Dennis Wenger, NSF ENG

Session 4 - Environmental Dynamics

Tom Baerwald, NSF SBE
Sarah Ruth, NSF GEO

Session 5 - Societal, Organizational, and Cultural Dynamics

Amber Story, NSF SBE
Anna Kerttula, NSF OPP

Session 6 - Social, Political, and Economic Dynamics

Pat White, NSF SBE
Deb Winslow, NSF SBE

12:30 PM – 1:30 PM

Lunch

Fitzgerald C

1:30 PM – 3:00 PM

Opportunities at the Federal Agencies for HSD Topics:

Fitzgerald C

Interagency Panel:

Chris Bachrach, National Institutes of Health (NIH)
Ray Perez, Office of Naval Research (ONR)
James McCall, Department of Defense (DOD)
Joseph Psozka, U.S. Army Research Office (ARO)
Terry Lyons, Air Force Office of Scientific Research (AFOSR)
Diane Russell, U.S. Agency for International Development (USAID)

3:00 PM – 3:15 PM

Break

3:15 PM – 4:30 PM

General Session 2

Fitzgerald C

HSD Research Presentations 2 – Environmental Dynamics

- **Integrating Poverty and Inequality in Measurement of Environmental Risks and Interventions**
Majid Ezzati, Harvard University

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- **Knowledge Quality Assessment for Participatory Environmental Decision-Making**
Eric Jones and Greg Hill, Institute for Culture and Ecology
- **Infrastructure Change, Human Agency, and Resilience in Social-Ecological Systems**
Stephen Perz, University of Florida

4:30 PM - 5:30 PM **Networking Session**

5:30 PM – 7:00 PM **Dinner**

Tuesday, October 7, 2008

7:00 AM - 8:30 AM **Morning Refreshments**
Fitzgerald C Foyer

7:00 AM - 2:00 PM **Attendee Registration**
Fitzgerald Foyer

8:30 AM – 10:00 AM **NSF Opportunities for Human and Social Dynamics topics**
Fitzgerald C

Judy Sunley, Deputy Assistant Director, Directorate for Social, Behavioral and Economic Sciences

NSF Panel:

Amber Story, *Social and Behavioral Dimensions of National Security, Conflict, and Cooperation (NSCC)*

Tom Baerwald, *Dynamics of Coupled Natural and Human Systems (CNH)*

Terry Langendoen, *Cyber-enabled Discovery and Innovation (CDI)*

Gregg Solomon, *Education and Human Resources (EHR)*

Libby Lyons, *Partnerships for International Research and Education (PIRE)*

Frank Scioli, *Integrated Graduate Education Research Traineeships (IGERT)*

Fahmida Chowdhury, *REU sites, Postdoctoral Fellowships, GK-12*

10:00 AM – 10:30 AM **Break**

10:30 AM – 12:00 PM **General Session 3**
Fitzgerald C

HSD Research Presentations 3 - Networks

- **Forced Migrants Living in Post-Conflict Situations: Social Networks and Livelihood Strategies**
Joanna Regulska, Rutgers University
Beth Mitchneck, University of Arizona

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- **Spatiotemporal Dimensions of Population Change in the Northern Orkney Islands**
Tim Murtha, Pennsylvania State University
- **Dynamics of Idea Generation in Individual and Group Brainstorming**
Simona Doboli, Hofstra University
Paul Paulus, University Texas Arlington

Tuesday, October 7, 2008 (cont'd)

12:00 PM – 1:00 PM

Lunch
Fitzgerald C

1:00 PM – 2:00 PM

Breakout Sessions 2: Moving Forward

Participants will discuss each of 6 identified research themes (specific topics might change based on Breakout Session 1) and look towards the future. Each breakout group will discuss where they see the specific research themes heading in the future and what is needed to strengthen research in this area. Each group will identify a few projections and/or concrete suggestions within their theme and prepare one or two slides for report back to the group.

Session 1 – Complex Systems

Betty Tuller, NSF SBE

Session 2 – Networks

Vincent Brown, NSF SBE

Session 3 – Environmental Dynamics

Tom Baerwald, NSF SBE

Session 4 – Security and Conflict

Amber Story, NSF SBE

Session 5 – Infrastructure

Ping Li, NSF SBE

Session 6 – Interdisciplinary research and education

Jessie Dearo, NSF EHR

2:00 PM – 2:15 PM

Break

2:15 PM – 3:00 PM

Reports from Breakout Sessions

3:00 PM

Meeting adjourns