

**Concurrent Sessions are offered to attendees as educational opportunities to learn about topics of interest and discussion. Attendees will self select attendance by signing up during registration the day of the event. Many of the sessions are limited to less than 32 participants to encourage discussion. Descriptions of planned sessions are included below for consideration prior to arrival at the symposium.**

**Four sessions are offered from 1330-1420 and four are available from 1430-1530. Symposium attendees should select one from each group.**

## **1st session- 1330-1420:**

### **FEMA Disaster Support: Now and into the Future**

*Location: Marshall Auditorium*

Since 1979, the Federal Emergency Management Agency (FEMA) has been the Federal Government's lead agency in responding to and recovering from many of the Nation's greatest moments of crisis. FEMA does this as part of a team with Federal, State, Tribal and local government partners, the private sector, voluntary organizations, and citizens to meet the FEMA mission.

FEMA's mission is to support our citizens and first responders to ensure that as a nation we work together to build, sustain, and improve our capability to prepare for, protect against, respond to, recover from, and mitigate all hazards.

FEMA regional staff will provide a synopsis of disaster response and recovery over the past five years in Region VII (Iowa, Kansas, Missouri and Nebraska). Panelists will discuss how FEMA responds to events of national significance and the importance of partners. The Federal Preparedness Coordinator will outline steps that FEMA is taking to prepare for major events, specifically the National Level Exercise that FEMA Region VII and other regions are executing in preparation for a possible New Madrid Seismic Zone event.

FEMA Region VII Panel Presenters:

Panel Moderator: Beth Freeman, Regional Administrator, DHS/FEMA Region VII

Panel Member: Dan Best, Director, Response Division, DHS/FEMA Region VII

Panel Member: Tom Costello, Director, Recovery Division, DHS/FEMA Region VII

Panel Member: Phil Kirk, Federal Preparedness Coordinator / Director, National Preparedness Division, DHS/FEMA Region VII

### **The Biological Threat: Complex Issues, Complex Solutions**

*Location: Room 3103*

This presentation will discuss the BW/bioterrorist/ emerging disease threat to public health and agriculture, focusing on the need for research, specialized facilities, and the challenges of emergency response.

Presenter: Dr. Jerry Jaax, Kansas State University

## **Preventatives in Homeland Defense**

*Location: Room 3106*

This meeting will provide the details regarding ongoing internal and external threats to defense forces. The discussion will challenge you to explore the agenda of organizations who target the military as well as indicators and methods of attack, legal responsibility and obligations in preventing attacks, Intel capabilities and vulnerabilities, and finally, the way ahead. Case studies will be used to emphasize these topics.

Presenter: Ms. Heather Karambelas, U.S. Army CGSC Instructor

## **Lessons in Societal Resilience from the Military Experience**

*Location: Room 3130*

In mounting concerns over our ability to grow and maintain a resilient society in the face of prolonged and persistent threats, primary consideration should be devoted to the members of that society. Resilient citizens provide for a resilient nation. In a report, the American Psychology Association identified factors contributing to individual resilience, including a sense of coherence and understanding of one's value to a community, personal mastery, and adaptability to change. The United States military has a tradition of commitment to resilience reflected in three key aspects: 1) the advocacy and example of hardiness in leadership, 2) trust and communication in the command environment, and 3) the shared dependency of soldiers in crisis that ties resilience to responsibility. This presentation is intended to open analysis of how military lessons may be applied to the citizenry at large.

Presenter: Bert Tussing, U.S. Army War College

## **2nd session: 1430-1530:**

### **How the U.S. Army Supports Civil Authorities**

*Location: Marshall Auditorium*

Presenter: Mr. Steve Tennant, U.S. Army CGSC Instructor

### **Cyber-Threats and Security in the Information Age**

*Location: Room 3103*

Our society has become increasingly reliant on digital devices and computer network infrastructures for day-to-day decision-making. With escalating threats coming from the cyberspace, it has become imperative for everyone to obtain necessary education and training in information assurance and cybersecurity. In this session, we provide an overview of the types of cyber-threats facing our national infrastructure, and the research being conducted at the Center for Information and Systems Assurance at K-State. We also provide an outline of the curriculum being offered at K-State for workforce training to address such threats.

Presenters: Dr. Xinming (Simon) Ou and Dr. Eugene Vasserman, Kansas State University

## **Interagency Collaboration by Design: A Case Study of U.S.-Mexican Border Violence**

*Location: Room 3106*

In 2005, the U.S. Army piloted a new approach to campaign design developed by Israeli Brigadier General (Res.) Shimon Naveh called systemic operational design. For five years, this new approach was experimented with and adapted to the U.S. Army context through the annual Unified Quest wargame and instruction at the School of Advanced Military Studies (SAMS). In 2010, the U.S. Army Field Manual 5-0, The Operations Process, included a chapter on design, which distilled the basic methodology taught at SAMS. In a recent Military Review article, Major General Edward Cardon claimed that "[d]esign represents the most significant change to our planning methodology in more than a generation." The purpose of this talk is to provide an introduction to design and explore how design might apply to interagency collaboration. A case study examining the U.S.-Mexican border situation illustrates how design applies to complex and ambiguous problems.

Presenter: Dr. Alex Ryan, Assistant Professor, School of Advanced Military Studies

## **The Franchising of Al-Qaeda and the Radicalization of Domestic Terrorism: The Changing Reality of Domestic Threats**

*Location: 3130*

We have seen an evolution in the organizational structure of terrorist groups forced by the war on terror. This evolution is one away from the hierarchical structure of the past and toward a franchising of the terrorist groups. No longer do the terrorist leaderships train, supply, plan and direct foot-soldiers to engage in specific acts. Now the leaderships provide radicalizing direction and would be terrorists take up the franchise and engage in terrorist acts. This phenomenon has several interesting implications for homeland security.

Presenter: Dr. Craig Stapley, Kansas State University