

General Session and Workshop Descriptions

Tuesday, May 1 – General Session 1:00 – 4:00 PM

The Intersection of National Security and the Global Economy

-Adm. Mike Mullen, U.S. Navy (Ret.), 17th Chairman of the Joint Chiefs of Staff

Serving at a critical juncture in our nation's history, Admiral Mike Mullen, America's top military advisor to the President and the Secretary of Defense through two administrations, was a key influencer in shaping the security of our nation for decades to come. A man of unparalleled experience, vision, and integrity, Mullen shares with audiences his belief that, "Our financial health is directly related to our national security," and discusses how the key to the United States' economic success in the next century is to create opportunity. With an eye on the horizon and to the threats that still lie ahead, Mullen discusses America's greatest challenges – economic growth, infrastructure, education, and foreign and military policy.

A Vision for Greater Alliance

-Christine Kosmos, Centers for Disease Control and Prevention, Office of Public Health Preparedness and Response

The main topic of discussion will be the new alignment of preparedness programs including the Federal Emergency Management Agency (FEMA)/Health Resource Services Administration (HRSA), the Assistant Secretary for Preparedness and Response (ASPR) Hospital Preparedness Program, and the Public Health Preparedness Program (PHEP). The discussion will also include how the realignment will strengthen preparedness activities across the country.

Community Resiliency Starts with Community

-Gov. Scott McCallum, former Governor of Wisconsin, Aidmatrix Foundation, Inc.

The visible catastrophes of the 2005 hurricane season deeply disturbed many people not directly in harm's way. Many logistics professionals felt that the distribution failures seen in the Katrina aid zone could have been avoided with better planning, communication, and execution. Learn about the need to unite the supply chain community to support and assist humanitarian relief efforts for the private sector to work in concert with and assist governmental and relief agencies in response to a disaster.

Cyber Security, Current Threats

-Special Agent Thomas Winterhalter, FBI – Detroit Office

The FBI will talk about the ever-increasing cyber threat to the United States and her interests. Learn about security risks and concerns that are impacting U.S. companies while trying to stay competitive in an economic climate requiring international business integration. It is important for the security of individuals, their companies, and the U.S. to be aware of the security risks that are impacting them at an increasingly alarming rate. Special Agent Winterhalter will provide examples of what companies have experienced while operating domestically and internationally. He will share examples of how today's networking environment exposes companies and people to threats and vulnerabilities. Get ideas of how to keep your company productive, while not inhibiting your ability to be competitive in the near future and distant future.

Wednesday, May 2 – Workshops

8:00 – 9:00 AM

1A. Critical Infrastructure: Water – Healthcare Interdependency

-Al Romanosky, MD, PhD, Maryland Department of Health and Mental Hygiene

Interdependencies between water services and other critical infrastructure are usually taken for granted or unknown until you do not have any water. The goal of this presentation is to provide a working understanding of the interdependency between water and healthcare facilities. More than 50 percent of healthcare facility failure and operational collapse results from threats and issues internal to the facility. As such, water plays an important role in several healthcare facility lifelines on a daily basis. The loss of which can have a cascading impact(s) on healthcare facility operations and essential services. To mitigate the impact of water shortages on healthcare facilities, a water use audit should be performed. It becomes surprising how little a facility may require and still be able to provide essential services during threats to the public's health.

1B. Global Threat Reduction Initiative's Domestic Security Program

-Kristina Hatcher, National Nuclear Security Administration

Join this workshop to learn about the Global Threat Reduction Initiative (GTRI) within the National Nuclear Security Administration's (NNSA). This is a voluntary program working with hospitals, universities, and private companies to enhance security around their high-activity radiological sources above and beyond what is required by the Nuclear Regulatory Commission's Increased Controls. In addition to voluntary security enhancements, GTRI provides help with disused and unwanted sources, training for first responders, and table top exercises coordinated with the Federal Bureau of Investigation. Presenters will review the goal to assess and provide security enhancements at every volunteer site in the United States over a multi-year period.

1C. Michigan Department of Agriculture and Rural Development's Pesticide Regulatory Program

-Brian Rowe, Michigan Department of Agriculture and Rural Development

This workshop will cover many basic elements of the state's regulatory program including pesticide registration (for distribution and sale in MI), applicator certification, commercial applicator business licensing, and pesticide use according to label use directions, investigations, and enforcement. The workshop will wrap up with a few of Michigan's pesticide safety-related requirements (mixing/loading pads, spill response, etc.).

1D. Energy Security and Emergency Management in a Critical Infrastructure Age (Part 1 of 2)

-Jim Anderson, Consumers Energy

In this two-hour workshop, experts will provide an overview of the electricity generation, transmission, and distribution system. You will also learn about its importance, dependencies, interdependencies, and what happens during an emergency/disaster.

1E. Intruder Response – When Lockdowns Fail (Part 1 of 2)

-Mark Warren, Strategos International

This two-hour course is designed to bridge the gap between responding officers and school faculty, administrators, and other school personnel in an active shooter situation. The course is designed to assist personnel in their ability to prevent, report, and protect themselves and their students from an active

shooter during the critical moments while waiting for a police presence to arrive, as well as what to expect from the officers once they are on scene. We can no longer expect to call 911 and expect the problem to be solved. Most institutions are preparing for the incident but have overlooked one important aspect: What to do if your lockdown fails or is failing? This course will cover the following areas: overview and historical examination of active shooters; an examination of lessons learned; behavioral pre-cursors; threat assessments; school lockdowns; what to do when a lockdown fails; and rapid deployment response by law enforcement personnel.

9:20 – 10:20 AM

2A. Strengthening Community Resilience to Disasters: New Opportunities and Challenges

-Dr. Anita Chandra, RAND Corporation

Since the release of the National Health Security Strategy (NHSS) and the subsequent release of the National Disaster Recovery Framework, there has been an increasing focus on building community resilience, defined as the ability of communities to withstand and recover from small and large-scale disasters. The emphasis on community resilience has ushered in new terminology (e.g., empowerment), activated new stakeholder networks and cross-sector partnerships (e.g., engagement of nonprofits, private business), and challenged our national orientation to emergency preparedness. However, the enthusiasm surrounding the guiding principles of community resilience has been coupled with numerous “how to” questions, such as how to strengthen a community’s ability to be resilient to emergencies and how to measure progress towards achieving that end goal. This presentation will describe the conceptual view of resilience into an operational one.

2B. Trailblazing Emergency Healthcare Credentialing with the MI Volunteer Registry

-Julie Bulson, Spectrum Health Hospital Group

-Virginia Zimmerman, Michigan Department of Community Health

All accrediting agencies require hospitals to have comprehensive emergency plans in place that include the credentialing of physicians and other licensed health professionals during a disaster. This session will discuss integrating volunteers into a medical disaster, from the state and hospital perspective. Issues such as credentialing requirements, standards, challenges, and solutions will be addressed.

2C. Michigan Criminal Information System: The Future for Michigan Intelligence & Information Sharing

-Lt. Tim Lee and Sgt. James Jones, Michigan Department of State Police

Note: This session is restricted to Law Enforcement Personnel only. This presentation will demonstrate the Michigan Criminal Information System (MCIS) that enables law enforcement agencies to report, share, and disseminate criminal information and intelligence in a fast and effective manner. Session participants will learn about the capabilities and benefits of the MCIS, as well as the deployment plan to add law enforcement agencies into the system.

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10:40 – 11:40 AM

3A. Disaster Impact on Hospitals/Healthcare Facilities

-Al Romanosky, MD, PhD, Maryland Department of Health and Mental Hygiene

“The most costly hospital is the one that fails,” as stated by the World Health Organization (WHO). Healthcare facility failure is more frequent than suspected. Operational impairment may result from either internal or external factors or a combination of both. Irrespective, the loss of any one facility represents a potential vulnerability to the well-being of residents or victims of public health disasters. It even threatens the very existence of the facility itself. This presentation will present and engage attendees in discussing the types of impacts affecting facility operations including the need for evacuation, risk assessment related to collapse of facility operations, and resources required for resumption of mission critical services.

3B. Medical Records Cyber Security – Threats and Resolutions

-Mark Rasch, Computer Science Corporation

This session will focus on the impact of HIPAA and HITECH laws on the privacy and security of Personal Health Information (PHI), and will suggest ways that providers and others can go beyond mere compliance with regulatory requirements and create an atmosphere where the appropriate protections for privacy and security are respected. The speaker will discuss the impact of these laws, of business associate agreements, outsourcing arrangements, data breach notification, and the impact of State Attorney General enforcement actions on compliance and security. The session will also cover the impact of new technologies, like mobility, implantable devices, remote monitoring, as well as cloud communications, storage, and other multitenant environments on the privacy and security of health data. Throughout the session, examples of recent incidents will be discussed involving the theft and loss of all kinds of medical information.

3C. Cyber in the 21st Century: Are We Ready?

-Ari Vidali, Founder of Envisage Technologies and the Readiness Network

Technology has become an indispensable tool for modern societies. Has our reliance upon technology become a two-edged sword? This workshop will discuss how hackers, cyber criminals, cyber terrorists, hacktivists, and Nation States with nefarious intent are turning the very technology that contributed to the rise of the western world against us. Mr. Vidali will share his insights on current and future scenarios in

cyber crime, terrorism, warfare, and blended attacks, as well as discuss how these are highly relevant to our public safety and homeland defense mission.

3D. 2012 Homeland Security Grants: A Year of Transition

-Bill Lixey and Kim Richmond, Michigan Department of State Police

The U.S. Department of Homeland Security/Federal Emergency Management Agency (DHS/FEMA) suite of Preparedness Grants (non-disaster), including the Homeland Security Grant Program (HSGP), has seen many changes over the last several fiscal years (FY). The most notable changes are the diminishing funding streams and the elimination of several programs. This workshop will discuss the significant changes of Preparedness Grants from FY 2011 to FY 2012, such as a two-year performance period and the requirement of being a member of the Emergency Management Assistance Compact (EMAC). FY 2012 proves to be a year of transition for expected changes in future grant years. Anticipated changes for FY 2013 grants will also be discussed, such as the switch from target to core capabilities.

3E. The Role of Michigan State Police Community Service Troopers

-Tpr. Jeremy Brewer, Michigan Department of State Police

The Michigan State Police was awarded a grant in 2010 from the U.S. Department of Justice, Office of Community Oriented Policing Services (COPS Office) for 21 Community Service Trooper (CST) positions. These positions, located throughout Michigan, emphasize identifying, assessing, and prioritizing ongoing community problems and working with citizens, schools, businesses, community groups, places of worship, and local law enforcement to develop and implement solutions. This session will provide an overview of the role of Community Service Troopers and how they can assist your organization.

1:00 – 2:00 PM

4A. Healthcare Facility Workplace Violence – Perspectives on Planning for this Growing Security Threat

-Mark A. Potter, New Mexico Tech

-Mitch Saruwatri, LiveProcess

Over the past few years, media reports regarding workplace violence occurring within healthcare facilities have become far too common. For example, most recently, there have been shootings at hospitals in Baltimore and Suburban Washington, D.C., and a long term care facility in North Carolina. For many facilities, the threat of an active shooter incident has subsequently become a priority risk within their Hazard Vulnerability Analysis (HVA). This requires an increased need for a carefully thought out response plan that is fully integrated within the various levels of the healthcare facility including the use of an Incident Management Team as part of the Hospital Command Center for coordinating and collaborating with area law enforcement professionals.

4B. The Role of Social Media in Public Health 201 – Beyond the Basics

-Theresa Buttleman, Newaygo County

If you know enough about social media to be dangerous, then this session is for you. This session will review the main social media outlets, events, and incidents in the public health world where social media has been utilized and how social media can be implemented in the next public health emergency.

4C. Emergency Preparedness: Building Resilient Communities Through Private/Public Partnerships

-Kimberly Phillips, U.S. Department of Homeland Security, FEMA Region V

FEMA recognizes that it takes the Whole Community to help build and sustain resilient communities. This workshop will focus on the stages of building relationships, before, during, and after a disaster. It will discuss the primary partners in disaster operations planning and integration, and how to build relationships with local, state, and federal counterparts within your city and state.

4D. Planning and Managing Complex Processes

-Damian Yañez, Vdot Solutions, ESI North America

National, state, and local government agencies need effective plans and processes for handling the enormous amount of critical information and distributed personnel involved in all aspects of homeland security. Learn about the challenges in preparing plans, distributing expertise, and getting it right.

4E. What's Your Game Plan, and Who's on Your Roster?

-Sgt. Josh Lator, Michigan Department of State Police

This workshop will focus on the importance of having a plan of action prior to a critical incident at a school. It isn't enough to have a binder with a protocol sitting on a principal's desk somewhere. Who is on our team? How do we assess a threat when it comes to the attention of school personnel? Who are critical members of our planning, response, and follow-up teams who are commonly overlooked? What are some real-life examples of plans working to protect students? The underlying focus throughout this presentation will be the importance of cooperation in "Pursuing Success Not Credit."

2:20 – 3:20 PM

5A. Healthcare Facility Workplace Violence – Using a Walk-Through Scenario to Highlight and Discuss Critical Considerations in Planning and Training Activities

-Mark A. Potter, New Mexico Tech

-Mitch Saruwatri, LiveProcess

This presentation will focus on planning considerations for an active shooter incident from different perspectives; law enforcement early recognition and response procedures, hospital emergency manager concerns for managing an event to reduce the opportunity for staff and patient injury, and community response issues for supporting a facility impacted by this type of incident. In addition, message content for regional authorities, staff, patients, and visitors will also be presented.

5B. Michigan's Information Sharing Environment

-Insp. Gene Kapp and F/Lt. Joseph Thomas, Michigan Department of State Police

This workshop will discuss Michigan's information sharing environment, including the specific roles of the Michigan Intelligence Operations Center (MIOC) and the Detroit & Southeast Michigan Information & Intelligence Center (DSEMIIC). In addition, this workshop will explain the key roles that members of the public and private sectors serve in enhancing information sharing.

5C. Next Generation 9-1-1 and the Michigan ENHANCE 911 Act GIS Project

- Laura Blastic, Michigan Department of Technology, Management and Budget
- Mark Holmes, LR Kimball
- Harriet Miller-Brown, Michigan Department of State Police

This session will include an introduction to the Next Generation 9-1-1 (NG9-1-1) system and will explain what the 911 Act Grant Geographic Information System (GIS) project is, and what it is not. Specifically, the speakers will cover who is involved in the project, the benefits, updated status, overview of the database repository system, and the data sharing policies implemented for the project. In addition, the session will discuss the data standardization and accuracy for today's 9-1-1 and NG9-1-1.

5D. Basics of Vulnerability Assessments

- Greg Garner and Mark Wurth, U.S. Department of Homeland Security

The presentation by the Michigan Critical Infrastructure Vulnerability Assessment (CIVA) Team will consist of a brief introduction of the work we have completed since June 2008. The body of the presentation will focus on the areas of perimeter security, lighting, access control, security management, business continuity, emergency management, information technology, and systems dependency. Within each topic, we will discuss some common vulnerabilities and best practices. No sites will be named or referred to. Some references will also be provided so businesses can conduct their own assessments.

5E. Power of 100 – Bullying to Terrorism

- David Simancek, Swartz Creek High School
- Glenn Stutzky, Michigan State University

Bullying affects so many of the students in our schools. The Power of 100 is Swartz Creek's answer to creating a safer and more positive school culture. It's the Power of 100's belief that if at least 100 students and staff attend each meeting, there will be at least 100 people to cover every corner of the school at any time of the day, supporting students who experience bullying and building positive relationships between all students. The Power of 100 presentation focuses on how the group was created and what best practices Mr. Simancek and his students have initiated to affect the positive change necessary to reduce the amount of bullying occurring at the school along with increasing the amount of support students give each other when bullying does occur.

3:40 – 4:40 PM

6A. Regionalization of Emergency Care: Getting the Patient to the Right Place at the Right Time

- Sarah Poole, American Heart Association
- Michelle Mora, Robin Shivley, and Eileen Worden, Michigan Department of Community Health

While today's emergency care system offers significantly more medical capability than was available in years past, it continues to suffer from severe fragmentation, an absence of system-wide coordination, and a lack of accountability. Therefore, developing a regional approach to emergency care for time dependent emergencies including trauma, stroke, STEMI, and peri-natal would fully connect and coordinate emergency patient care ensuring that each patient would receive the most appropriate care, at the right location, with a minimum delay. This session will provide the knowledge of what regionalization of emergency care means and how Michigan is currently working towards that regional approach to build a coordinated system of care statewide.

6B. Emerging Contaminants, Pharmaceuticals, and Personal Care Products – An Evaluation of the Risk to Michigan’s Drinking Water Supply

-Brian Rice and Jim VanBendegom, Fleis & VandenBrink Engineering, Inc.

In the Midwest, public health has a long history of protecting and maintaining safe community drinking water supplies. Over the past several decades, assessing risks to these supplies has matured to include a wide range of land use and associated chemicals. More recently, a new category of pharmaceuticals and personal care products have been identified as emerging contaminant risks to our drinking water supply. This is a complex issue that includes toxicology, regulations, economic realities, and land/facility use risks. This session will focus on framing the issues, reviewing specific case studies, and overall risks to our community supply systems.

6C. The Underwear Bomber – What Really Happened

-Special Agent Theodore Peissig, FBI – Detroit Office

This presentation will summarize the chronology of events surrounding this incident, the multi-agency response, and the global scope of one of the most significant U.S. terrorism events since 9/11.

6D. Crisis Response & Recovery: A Workshop on the Path Forward on Coordinated Crisis Access

-Dennis Kelly, Pegasus Program

This workshop will provide an overview of the Emergency Services Sector Coordinating Council’s (ESSCC) proposed path forward on coordinated crisis access, and how it could be implemented for all hazards access in Michigan. That path forward is built around a law enforcement Joint Standard Operating Procedure that has been tested in two multi-state full-scale exercises. It has been adopted and implemented in hurricane-threatened Louisiana and Mississippi, and is in the process of implementation in Texas and Alabama. Since all disasters are local, elected officials and local emergency managers are the principal decision-makers regarding “who” will be provided access to emergency zones and “when” they will be allowed access. Based on those decisions, determining “how” access to and through crisis checkpoints and emergency zones is to be managed and coordinated, is a decision for local and state law enforcement officials under Emergency Support Function (ESF) 13: Public Safety and Security.

6E. The 21st Century Classroom

-Aimee Larsen-Kirkpatrick, National Cyber Security Alliance

-Torri Stiegelhalter, AT&T

This workshop will review classroom technology for the 21st Century and how to manage online devices within the classroom. Participants will also gain insight about online safety curriculum and how to encourage the next generation of technology professionals.

Thursday, May 3 – General Session
8:00 AM – 12:00 PM

The Changing Face of Global Terrorism and Our Response

-Michael Leiter, former Director of National Counterterrorism Center, National Security Analyst for NBC News

Reflecting on more than two decades in public service and having been deeply involved in the U.S. Government's national security and intelligence transformation of the past decade, Leiter discusses the ways in which the U.S. Government and the U.S. private sector is-and is not-keeping up with enormous global changes. In particular, Leiter talks about how the rapidly changing dynamics across the Middle East and North Africa, the increasingly dangerous aspects of cyberspace, and the worrisome availability of weapons of mass destruction are often outpacing our ability to address critical national security needs. In addition, Leiter describes how the private sector can help partner with the U.S. Government and foreign nations to address many of these challenges, as well as the ways in which many of our traditional policy, legal, and process solutions are falling short.

Threats to American Security: A Closer Look at the World's Trouble Spots

-John R. Bolton, 25th U.S. Ambassador to the United Nations

Terrorism, the proliferation of weapons of mass destruction, and civil strife continue to pose major threats to international political and economic stability. U.S. economic health and global competitiveness are at stake in this highly volatile environment. Knowing how to navigate the political and economic waters is essential to managing overseas business and investments. John Bolton, based on a long career dedicated to international affairs and public service, provides a candid survey of world trouble spots and shares with audiences: a review of top global trouble spots, U.S. economic and security interests in these regions, where the next areas of concern could potentially arise, and how these areas of unrest could influence the political landscape in the U.S.