

2010 Great Lakes Homeland Security Training Conference and Expo

General Session and Workshop Descriptions

May 4 – General Session

Cyberspace Attacks: A Current Day Threat

-Gen. Peter Pace, Ret., U.S. Marine Corps

Imagine an entire city without functioning stoplights, security alarms, or cell phones. Consider the consequences of widespread identity theft which scrambles banking transactions, pharmacy records, and social security numbers. The potential for cyberspace warfare poses a unique threat to our national and personal security. If your business depends even in part on computers, you are vulnerable to a cyber attack from both criminal elements and state-sponsored terrorists. During this session, General Pace, Ret., will explain:

- How defending the homeland reaches beyond protecting our airports, railheads, nuclear plants, and government buildings;
- How combating the ongoing cyber war is an invisible, yet critical challenge; and
- What businesses and individuals can do to protect their assets.

IED and Blast Injuries

-Richard Hunt, M.D., National Center for Injury Prevention and Control -INVITED

Description not yet available.

May 4 – Dinner Speaker

Above All Else: Stand

-Patrick A. Mead, Ph.D., Comedian and Senior Pastor of Rochester Church of Christ

Have a relaxing end to the day as you enjoy an encouraging talk full of humor and grace, but also with an admonition to draw the right lines in the sand and then stand there, facing the enemy, until the job is done.

May 5 – Workshops

8:00-9:00 AM

1A. Understanding and Preventing School Shootings in the U.S.

-Dr. Marisa R. Randazzo, Threat Assessment Resources International

During this three-hour presentation, Dr. Randazzo will review facts about school and campus shootings and discuss implications for prevention. She will also compare various prevention models, including clinical risk assessment, profiling, and using automated tools to predict a person's potential for violence. The presentation will include a thorough discussion of school and campus threat assessment, which is considered the current best practice for identifying and intervening with persons at risk for violence in educational institutions. This presentation will include case studies of individual school and campus shooters as well as prevented attacks and successful intervention strategies.

1B. Food Emergency Response Network (FERN)

-Brenda Brennan, Michigan Department of Agriculture
-Brenda McCurdy, U.S. Department of Health and Human Services
-James Rudrik, Michigan Department of Community Health

This presentation will provide information on the function of the Food Emergency Response Network (FERN) from both a state and federal perspective. The roles and responsibilities of FERN labs will be described. Implementation of FERN programs in Michigan including the evolving role of Michigan's Rapid Response Team during food emergencies will be also discussed. The capabilities and capacities of FERN labs in Michigan will be reviewed and gaps in testing will be explored.

1C. Multi-Casualty Incident Burn Plan: What Role Will I Play?

-Michelle Mora and Robin Shivley, Michigan Department of Community Health
-Dr. Stewart Wang, University of Michigan Medical Center

Mass casualty burn incidents can be very challenging, in part because the majority of health care providers are inexperienced in the care of burn injuries and in part because of the multi-system response that is elicited. Management expertise is generally concentrated in burn centers, but in a burn multi-casualty incident, personnel at other hospitals may need to provide burn care for extended periods of time until appropriate resources become available.

As a result, Michigan has developed a Mass Casualty Incident Burn Plan in an effort to expand the ability to provide burn care, and to safeguard and prioritize the utilization of limited resources. This plan incorporates the utilization of "adjusted environments of care," by planning for the provision of stabilizing care for burn patients in facilities that are not normally associated with providing definitive care to burn patients. The ability to standardize the care that will be provided in hospitals that do not provide definitive burn care has been decided as an effort to safeguard critical resources and, ultimately, improve outcomes for patients.

1D. Overview of Terrorist Screening Center with Michigan Specific Summaries

-Aliza Rand and Terrence Wylie, Federal Bureau of Investigation
-Suzan Taylor, Michigan Department of State Police

The Terrorist Screening Center (TSC) was established in 2003 to consolidate terrorism screening and to ensure the appropriate and lawful use of terrorist information. The TSC, administered by the FBI with support from the intelligence community and various government agencies, facilitates the flow of information regarding the arrival, presence, or movement of watch listed individuals. It serves as the U.S. government's consolidation point for known and suspected foreign and domestic terrorists.

Terrence Wylie will discuss TSC operations and utilization. Aliza Rand will discuss how the TSC compiles TSC encounter data and coordinates with the Michigan Intelligence Operations Center (MIOC) in preparing Michigan summaries. Suzan Taylor will more specifically discuss how TSC information is processed through the MIOC.

1E. Don't be an Evidence Eradicator

-Rick Schlegel, U.S. Department of Homeland Security, Center for Domestic Preparedness

Emergency responders from all emergency disciplines often find themselves in the middle of a crime scene before they know it. This overview will discuss and describe some of the signs and characteristics of crime scenes and how to preserve these scenes for proper processing.

If evidence from a crime scene is contaminated with chemical, biological, or other materials and then is decontaminated, is it still evidence? This workshop will compare and discuss the preservation of contaminated evidence from the perspectives of criminal investigators, detectives, evidence technicians, HAZMAT technicians, and other responders.

9:20-10:20 AM

2A. Understanding and Preventing School Shootings in the U.S. (continued)

-Dr. Marisa R. Randazzo, Threat Assessment Resources International

See workshop description 1A.

2B. Planning for Impacts of Climate Change on Public Health in Michigan

-Susan Manente and Martha Stanbury, Michigan Department of Community Health

There is scientific consensus that the global climate is changing, with rising surface temperatures, increasing intensity and frequency of severe storms including flooding, and increasing climate variability including drought. These changes may have substantial impacts on human health. The Michigan Department of Community Health has been working with local public health and other agencies to strategize how Michigan can be prepared to respond to climate change-related human health impacts. This presentation describes the specific public health areas of concern and a draft five-year strategic plan to address these concerns.

2C. Disaster Preparedness: When It Happens to Your Own Hospital!

-James R. Carter, Jr., Crittenden Regional Hospital

Participants will learn about a real disaster case that affected an entire medical community. Skills learned from this experience will drive home the importance behind disaster preparedness training, use of the National Incident Management System (NIMS) training, and being agile in a chaotic situation. Additionally, participants will learn the value of training with agencies outside the four walls of a hospital system.

2D. Overview of Nationwide Suspicious Activity Reporting Initiative (SAR) and the Use of eGuardian

-Todd Bobe, Shannon Snider, and Milan Vrabac, Federal Bureau of Investigation

Suspicious Activity Reports (SARs) contain information about criminal activity that may also reveal terrorist pre-operational planning. The Nationwide SAR Initiative is an effort to have most federal, state, local and tribal law enforcement organizations participate in a standardized, integrated approach to gathering, documenting, processing and analyzing terrorism-related SARs. eGuardian is an FBI sensitive but unclassified system that facilitates this effort. eGuardian electronically records suspicious activity and terrorist threat information gathered by law enforcement agencies.

Todd Bobe and Milan Vrabac will discuss the Nationwide Suspicious Activity Reporting Initiative and give an overview of the eGuardian system. Shannon Snider will discuss how the eGuardian system is utilized in Michigan and explain the role of the Michigan Intelligence Operations Center in passing threat information from the eGuardian system to the FBI's classified Guardian system for follow up by the Joint Terrorism Task Force (JTTF).

2E. Life After Learning the Incident Command System (ICS)

-Rick Schlegel, U.S. Department of Homeland Security, Center for Domestic Preparedness

Routine incidents are the incidents of the past. Every call for help can be an incident with significant complexity. This workshop will list current response challenges concerning chemical agents, biological agents, radiological materials, dispersal devices, and emergency response actions to deal with these complexities.

Over the past several years, significant gains have been made throughout all emergency response disciplines leaning the Incident Command System (ICS). Mr. Schlegel will explain and demonstrate how this course uses common response actions to test your group dynamics in incident management techniques. From single-resource response to the Type 1 incident, practice your ICS skills with added incident complexity.

10:40-11:40 AM

3A. Understanding and Preventing School Shootings in the U.S. (continued)

-Dr. Marisa R. Randazzo Threat Assessment Resources International

See workshop description 1A.

3B. Medical Blogs: An Under-Recognized Resource for Public Health Awareness and Communication

-Peter A. Lipson, MD, William Beaumont Hospital

According to some estimates, over 60 percent of Americans get health information online. Much of this information is unreliable. Still, with this sort of reach, medical blogs and other social media represent a potential tool for education, outreach, and communication during public health crises, such as the recent influenza epidemic. This session will examine some of the possibilities and limitations of blogs and other social media as public health tools

3C. The Impact of H1N1 and Lessons Learned

-Dr. Marie Lozon, University of Michigan Health System

-Dr. Jeffrey Nigl, Region 3 Healthcare Preparedness Network

-Jeff Boyd, Livingston County EMS Director

Participants will learn about the medical management of 2009 Novel H1N1 flu and the impact it had on healthcare. Information will include protocols and procedures developed by healthcare facilities, the allocation of scarce resources, and distribution of medical resources. This panel of physicians, medical directors, and EMS will share best practices in response to the pandemic, lessons learned, and recommendations for next steps.

3D. Law Enforcement Online (LEO)

-Terry Booth, Federal Bureau of Investigation

Law Enforcement Online (LEO) is a state-of-the-art Internet system that is accredited and approved by the FBI for sharing sensitive but unclassified information. LEO is used to support investigative operations, send notifications and alerts, and provide an avenue to remotely access other law enforcement and intelligence systems and resources. LEO provides all levels of the law enforcement, criminal justice, and public safety communities virtual private network access to its "anytime and anywhere" system for secure electronic communications, online training, and information sharing.

Terry Booth will be presenting an overview of the FBI's Law Enforcement Online (LEO) internet based resource, information sharing and communication system. He will highlight LEO's Virtual Command Center, Special Interest Groups and facilitate membership in LEO. He will also discuss how LEO is used by the Michigan Intelligence Operations Center to share intelligence products by posting them to a designated Special Interest Group.

3E. It's a Riot!

-Rick Schlegel, U.S. Department of Homeland Security, Center for Domestic Preparedness

Civil Disturbance can occur anytime and anywhere. With the growing dissatisfaction over employment, handling of the environment, human rights, animal rights, and other arguments, certain groups and individuals choose to act out violently and outside lawful bounds. This course will compare current trends in civil disturbances and the practice of response actions.

Today protesters design, build, and deploy devices intended to slow down and often stall emergency responders. The longer the protester is in front of the media, the greater the incident management complexity. In this course discussion, protester devices will be demonstrated and multi-agency response actions and the reasons for them are reviewed.

1:00-2:00 PM

4A. Hardwired for Survival: How to Train for Emergencies According to How Your Brain Actually Works (not how we wish it works)

-Amanda Ripley, Author and TIME Magazine Contributor

Drawing upon lessons from 9/11, the Virginia Tech shooting, the London transit bombings, and major plane crashes, Amanda will explain how human beings operate in disasters--and how we can train to do better. What happens to us--physically, psychologically, and even socially--in the worst of times? Why do survivors so often report that emergency plans were useless to them when they needed them most? Amanda will share stories from disasters she has covered and the latest research into human behavior under extreme stress in order to help us design memorable, powerful emergency plans that work the way we work.

4B. Putting the Pandemic into Perspective for Preparedness Planning

-Dr. Eden V. Wells, Michigan Department of Community Health

This workshop will provide an overview of the 2009 Pandemic H1N1 influenza preparedness and response activities, and an assessment of its impact upon the state of Michigan, and the lessons learned from the first 21st century influenza pandemic. This workshop will also include an assessment as to how this pandemic does, or does not, compare to past influenza pandemics of the 20th century, and what we can do to further prepare for the next pandemic.

4C. Ethical Allocation of Scarce Medical Resources and Services During Public Health Emergencies

-Lance Gable, Wayne State University Law School

The presentation will address some of the ethical considerations and challenges that arise while making decisions about how to allocate scarce medical resources and services during public health emergencies. It will offer a series of recommendations for how to make ethical allocation decisions in these circumstances based on the work of a committee comprised of experts from across the state of Michigan.

4D. Michigan Data Exchange Working Group (Mi-DEX) Sharing Data With Your Partner Law Enforcement Agencies

- Capt. Charles Bush, Michigan Department of State Police
- Capt. Michelle LaJoye-Young, Kent County Sheriff's Office
- Chief Catherine Garcia-Lindstrom, Walker Police Department
- Chief Laude Hartrum, Pentwater Police Department
- Chief Don Pussehl, Saginaw Township Police Department
- D/Lt. Chuck DeWitt, Kent County Sheriff's Office
- Lt. Robert B. Phelps, Saginaw County Sheriff's Office
- David Gavin, Federal Bureau of Investigation
- Diane Sherman, Michigan Department of State Police

Give your investigators the tools they need to solve crimes! Search on names, locations, crimes, and other information - and do crime mapping too. Mi-DEX is the Michigan gateway to the National Data Exchange (N-DEX) where information is exchanged nationwide. N-DEX allows agencies to share records management, jail

and other data among all law enforcement agencies – even those on disparate systems. The information is only as good as the number of agencies that participate, so learn how to join in this session and see a demo of this free tool. Mi-DEX is a statewide initiative supported by the Michigan Sheriffs' Association, Michigan Association of Chiefs of Police, and the Michigan State Police.

4E. Cyber Security-Combating the Threats

-SSA G. Thomas Winterhalter, Federal Bureau of Investigation

SSA Winterhalter will share how the FBI is combating cyber security threats to control systems, botnets, and large-scale financial frauds. He will discuss these threats with a review of investigative strategies and FBI case studies.

2:20-3:20 PM

5A. Safe School Assessments, Why, Who, How?

-Capt. Robert Berbohm, Ret., Escanaba Public Safety Department

Beginning in 2003, about the time the State was developing a "safe school" grant and assessment process, Captain Berbohm and a local principal did an assessment of their own. The two entered nearly 30 different schools with Captain Berbohm dressed in blue jeans, flannel shirt, hat, and a dirty coat, carrying a lap top computer. The question is how many times were they stopped? Attend the workshop to find out!

5B. The Emergency Preparedness Coordinator

-Robert Johnson, Macomb County Health Department

This workshop is directed at anyone interested in leadership and/or management for emergency management or public health in emergency services. Bob Johnson will lead people into management roles through his knowledge and experience gained throughout his career.

5C. The Medical Reserve Corps (MRC) Integration Effect

-Virginia Ball, Michigan Department of Community Health

-Melissa Watt, U.S. Department of Health and Human Services- Medical Reserve Corps

This session will provide an overview of the Medical Reserve Corps (MRC) program; highlights from local and national efforts (including major contributions and best practices); volunteer cost saving benefits; and opportunities for growth and program integration with public health, medical and emergency management. Come hear about the great work these volunteers are doing and why membership in Michigan is on the rise.

5D. Social Media: An Example of the Web at Work in Emergency Management

-Ethan Riley, Arizona Division of Emergency Management

Web and mobile-based tools, including social media sites, are amending how, when, and where information is communicated. More to the point, they are assuming a larger and more ingrained role in risk and crisis emergency management informatics. This one-hour breakout is a primer on mainstream social media technologies and principles, and a case study of serialized and integrated use of Web and social media. Specifically, the presentation will look at how the Arizona Division of Emergency Management, its public information offshoot, the Arizona Emergency Information Network (AzEIN), and other emergency management organizations use these tools before, during, and after an emergency.

5E. What if the Hospital is the Victim? And Don't Forget the EMS!

-Rick Schlegel, U.S. Department of Homeland Security, Center for Domestic Preparedness

Many EMS services have been forgotten or under-utilized during training programs involving emergency response. While managed in many different ways, EMS agencies have the same responsibilities to perform their duties safely and as effectively as other response agencies. However, EMS has skill-sets that are needed in many different incidents and EMS professionals must be able to perform their response actions. Participates in this course will discuss patient assessment, treatment, and transportation challenges facing EMS professionals.

When the Hospital's Emergency Department closes and locks its doors, where will you go? When hospitals and healthcare facilities are the victims, what is done to support them? These miniature cities are usually thought of as being self-sufficient and we don't think of them as victims. These facilities are required to have both internal and external emergency plans. What are those plans? Are you listed in them? Are you in charge of the hospital? What training benefit does this course offer to the hospital staff? This course overview will discuss these and other questions.

3:40-4:40 PM

6A. Interoperable Communications and Radio Resources

-Sgt. Mike Garland and Sgt. Scott Schlehuber, Michigan Department of State Police
-Bradley Stoddard, Michigan Public Safety Communications System (MPSCS)

This workshop will address the National Emergency Communication Plan (NECP) and how the plan guides us to where we need to be in the larger picture of multi-agency, multi-jurisdictional radio communication and interoperability, the FCC Narrow banding mandate, communications grants, and what our federal partners want to see in the projects. Other points of interest to be covered include: National Interoperability Channels, Regional Tactical Interoperability Communications Plans (TICP), FEMA National Level Exercise (NLE) - 2011 New Madrid Earthquake Exercise, 800 MHZ radio training, cache radios requests, event and communications plans, coverage planning, and MPSCS status update.

6B. Michigan's "Outbreak" of School Closures During H1N1 Pandemic

-Jim Collins and Melinda Wilkins, Michigan Department of Community Health (MDCH)

Following the introduction of the novel Influenza A strain (H1N1) to the United States in the spring of 2009, the "second wave" of the illness resulted in a significant increase in disease transmission in the fall of the same year. The Michigan experience was unique in the nation in that this transmission increase precipitated a dramatic increase in school closures. More than 550 schools in several regions of the state closed in response to this pandemic even though school closure was not a recommended mitigation strategy. In partnership with the CDC, the MDCH has been evaluating data obtained through disease surveillance, school closure reporting, and multiple surveys to better describe and explain the Michigan experience. This presentation will summarize some of the early products of that research.

6C. Mass Fatality Incidents: MI-MORT Search and Recovery

-Hilary Gentry and Ruth Grant, Michigan Department of Community Health
-Supervisor Louis Hunt, Kent County Sheriff's Department

This session will provide an overview of the Michigan Mortuary Response Team's (MI-MORT) role during a mass fatality incident, with an emphasis on the search and recovery component, provided by the Disaster Assistance Recovery Team (DART).

6D. The Worst Christmas Ever: Security & Communications Lessons from U-M's Experience with the "Underwear Bomber"

-Sgt. Michael Dillard, University of Michigan Hospital Security
-Kara Gavin, M.S., University of Michigan Health System

On Christmas Day, 2009, the would-be bomber of a Northwest Airlines flight from Amsterdam to Detroit was transported to the University of Michigan Health System for treatment, and remained there for several days. Learn more about the challenges this unique crisis posed, and the lessons learned, from U-M's lead security and public relations officials for that fateful weekend.

6E. Michigan Information Sharing Environment

-D/F/Lt. Marty Bugbee, Michigan State Police

This presentation will introduce how the Michigan Information Sharing Environment (ISE) will function and will address the manner in which individual intelligence and information sharing components foster the culture of cooperation between federal, state, tribal, international, and private sector partners. Participants

will be given usable tools to become a functional element of the Michigan Intelligence Operations Center (MIOC), as well as the other national threat warning and notifications systems. Concepts will also be introduced, which will allow participants across a broad spectrum of disciplines to develop anti-terrorism and all-threats mitigation capabilities for their own agencies and organizations.

May 5 – General Session

Terrorism- The War Today

-AD James McJunkin, Federal Bureau of Investigation

AD James McJunkin will outline the FBI's role in defeating terrorism by working hand-in-hand with partners from the law enforcement, intelligence, military, and diplomatic communities to neutralize terrorist cells and operatives in the U.S. while working to dismantle terrorist networks worldwide.

Implementing Intelligent Security Systems and Augmenting the Human Element

-Amotz Brandes, Chameleon Associates

Reliance on technology has resulted in security failures time and time again. The most recent security failure caused by such dependency is the attempted terrorist attack on Delta flight 253 to Detroit from Amsterdam. An effective human security process is the only way to defend against terrorism. To be one step ahead of the terrorists and to be able to detect and apprehend terrorists requires cognitive skills and human interaction. These two key factors are overwhelmingly discouraged in our automated and technology based security systems. Amotz Brandes will present the common sense strategy and approach that must be implemented throughout homeland security and that will produce a proactive and effective security environment. This strategy is based on the concept of people fighting terrorism and not technology in response to terrorism.

International Security Challenges and the War on Terror

-Gen. Barry McCaffrey, Ret., U.S. Army

General McCaffrey, Ret., will discuss the challenging international environment facing the United States and our allies, including the recent Christmas Day Bomber. He will also share his perspective on the diplomatic, economic and military tools required to secure our future.