2014 NATIONAL HOMELAND SECURITY CONFERENCE

MAY 20-22 | PHILADELPHIA PA

Securing Our Liberty By Protecting Our Homeland
Dear Friends

On behalf of the National Homeland Security Association Inc., I am pleased to welcome you to the 8th Annual National Homeland Security Conference hosted for the first time by the City of Philadelphia.

We are pleased to announce many new features this year including our expanded partnership with the National Domestic Preparedness Consortium (NDPC). The NDPC is a DHS/FEMA training partner that provides high-quality training to emergency responders throughout the country. With shrinking dollars and resources available to emergency responders this partnership will provide you with expanded training opportunities. We have also included tracks that bring you responders with first hand experiences in responding to recent significant disasters and large scale planned events.

No other conference in the nation gathers together for the unique focus of securing our liberty by protecting our homeland. I would like to take this opportunity to recognize the National Homeland Security Association (NHSA) Board, made up of ten diligent leaders from across the nation and thank them for their commitment to work with leaders throughout the nation to plan this Conference annually.

On behalf of the entire NHSA Board, we hope you have wonderful, productive week.

Sincerely,

Rocky Vaz
President
National Homeland Security Association
The National Homeland Security Leadership Award

In Memory of: Col. Robert Eugene Williams (Ret.)

Robert loved to hunt, sail, was a licensed pilot, a preservationist and a true lover of things of the past, especially military history. Robert had a Bachelor's Degree in Criminal Justice from Loyola University of New Orleans, a Master of Arts Degree in Urban Studies and Sociology from the University of New Orleans and a Master of Strategic Studies Degree from the U.S. Army War College. He is a graduate of the U.S. Army's Command and General Staff College. He attended specialized law enforcement courses with the Federal Bureau of Investigations Executive Leadership Course.


Colonel Williams received numerous awards from his distinguished service including the Bronze Star. Robert was with the New Orleans Police Department for twenty-seven years, retiring with the rank of Police Captain. After retirement he transferred to the Reserve Division where he commanded the Reserve Mounted Division and Motorcycle Squad.

Robert's last position in service to his community was as the Operations Officer for the City of New Orleans' Office of Homeland Security and Public Safety and the New Orleans Region Urban Area Security Initiative and a founding member of the National Homeland Security Association, Inc. Robert served as an Officer of the NHSA for nine years, dedicated hundreds of hours to conference planning, hosted the annual conference in 2010, and developed the program agenda for the past several years.
Welcome to PHILADELPHIA, the place that loves you back!

The fifth-largest city in the United States and the second-largest on the East Coast, Philadelphia is one of the world's most dynamic destinations.

In Philadelphia, you'll be at the crossroads of big city excitement and hometown hospitality where the promise of the future meets old world charm.

Most famous as the birthplace of American independence and home of the Liberty Bell, Philadelphia offers a unique variety of attractions, culture, entertainment and activity that is sure to bring a smile to your face.
Dear Friends,

On behalf of the City of Philadelphia, welcome!

We are honored to host the nearly 1,000 participants to the 8th Annual National Homeland Security Conference from May 20, 2014 to May 22, 2014.

This year’s conference theme “Securing Our Liberty by Protecting Our Homeland” is most relevant as Philadelphia is the birthplace of American democracy. It was here that our founding fathers adopted the Declaration of Independence on July 4, 1776. And, it was here 11 years later when representatives from 12 states gathered to shape the U.S. Constitution, resulting in the creation of one unified nation. It was here that the Liberty Bell rang out proclaiming our independence, and it is here today that the Liberty Bell is now recognized as a symbol of international freedom.

The 2014 National Homeland Security Conference promises to be a beneficial and worthwhile learning experience featuring presentations and panel discussions ranging from cybersecurity, preparing for a radiological or nuclear disaster, responding to train derailments and hazardous chemical releases, managing debris from large-scale disasters, and learning lessons in response to wild fires, ice storms, and active shooter incidents.

During the conference, you will have the opportunity to meet and connect with homeland security and emergency management professionals from across the United States and its territories charged with keeping our nation safe and ensuring our liberty.

For those of you visiting from out of town, we hope you enjoy Philadelphia’s numerous attractions. Whether you visit our historic district, stroll through The Shops at Liberty Place in the heart of Center City, dine at one of hundreds of restaurants in Center City, tour some of our world-class museums or enjoy a show on the Avenue of the Arts, we are sure you will find your visit an unforgettable and enjoyable experience.

Again, on behalf of the City of Philadelphia and the Philadelphia Urban Area, welcome and best wishes for a successful conference! Keep up the great work that you do protecting our homeland!

Sincerely,

Michael A. Nutter
Mayor
Dear Colleagues,

We are delighted you have joined us in Philadelphia for the 8th Annual National Homeland Security Conference. Countless hours have gone into planning this event and we are confident that you will benefit tremendously from attending this conference.

The Philadelphia Urban Area Working Group is comprised of the counties of Bucks, Chester, Delaware, Montgomery, and the City of Philadelphia. We collaborate regularly to ensure the Philadelphia metro area is prepared for, able to respond to, and can quickly recover from disasters of any kind and magnitude. We understand and appreciate the value of partnering to solve complex public safety challenges and look forward to having the opportunity to expand our network this week.

We hope that in addition to attending the National Homeland Security Conference, you will have the opportunity to tour some of the wonderful attractions in our region. There are many things to see in Philadelphia and the surrounding counties. There are volunteers and staff from the region assisting during the conference. Please do not hesitate to ask if there is anything we can do to make your stay and experience at the conference absolutely wonderful.

In closing, thank you again for attending this important conference and visiting with us in Southeast Pennsylvania.

Sincerely,

Thomas Sullivan, Chair
Montgomery County

Samantha Phillips, Vice Chair
City of Philadelphia

Scott Forster, Member
Bucks County

Edward Atkins, Member
Chester County

Edwin Truitt, Member
Delaware County
Jeh Charles Johnson was sworn in on December 23, 2013 as the fourth Secretary of Homeland Security. Prior to joining DHS, Secretary Johnson served as General Counsel for the Department of Defense, where he was part of the senior management team and led the more than 10,000 military and civilian lawyers across the Department. As General Counsel of the Defense Department, Secretary Johnson oversaw the development of the legal aspects of many of our nation’s counterterrorism policies, spearheaded reforms to the military commissions system at Guantanamo Bay in 2009, and co-authored the 250-page report that paved the way for the repeal of “Don’t Ask, Don’t Tell” in 2010.

Secretary Johnson’s career has included extensive service in national security, law enforcement, and as an attorney in private corporate law practice. Secretary Johnson was General Counsel of the Department of the Air Force from 1998 to 2001, and he served as an Assistant U.S. Attorney for the Southern District of New York from 1989 to 1991.

In private law practice, Secretary Johnson was a partner with the New York City-based law firm of Paul, Weiss, Rifkind, Wharton & Garrison LLP. In 2004, Secretary Johnson was elected a Fellow in the prestigious American College of Trial Lawyers, and he is a member of the Council on Foreign Relations.

Secretary Johnson graduated from Morehouse College in 1979 and received his law degree from Columbia Law School in 1982.
General Charles H. Jacoby, Jr., USA (born June 19, 1957) is a United States Army officer who is currently serving as the fifth Commander, United States Northern Command (USNORTHCOM) and the 22nd Commander, North American Aerospace Defense Command (NORAD). General Jacoby is the first Army officer to assume command of Northern Command. He previously served as the Director for Strategic Plans and Policy, The Joint Staff. He assumed his current assignment on August 3, 2011.

A 1978 graduate of the United States Military Academy, General Jacoby attended the Infantry Officer Basic and Advanced courses, the Army Command and General Staff College, the School of Advanced Military Studies, and the National War College. He has a master’s degree in History from the University of Michigan.
Timothy W. Manning was confirmed by the U.S. Senate as the Deputy Administrator of FEMA for Protection and National Preparedness in May of 2009. Working with partners at all levels of government, the private sector, and community organizations across the country, and though the coordination of FEMA’s preparedness, prevention, and protection initiatives, Mr. Manning is responsible for the federal government’s efforts toward building whole community based resilience.

Prior to joining FEMA, Mr. Manning served as the Secretary of the New Mexico Department of Homeland Security and Emergency Management and Homeland Security Advisor to former Governor Bill Richardson, where he directed the State’s efforts on border security, information and intelligence sharing, and disaster response. Tim is a former firefighter, EMT, mountain rescue specialist, and geologist; he has served in a variety of emergency management positions at the State and local levels and in non-governmental organizations, including Director of the New Mexico Office of Emergency Management and Deputy Secretary of the New Mexico Department of Public Safety for Emergency Services. He has served on regional and national policy boards and committees across the Homeland Security spectrum, and been actively involved in the training and education of homeland security professionals throughout his career. He brings two decades of diverse, frontline emergency management experience to FEMA.

Deputy Administrator Manning earned a Bachelors of Science in Geology from Eastern Illinois University, a Master of Letters in the study of Terrorism and Political Violence from the University of St. Andrews, and is a graduate of the Center for Homeland Defense and Security Executive Leaders Program at the Naval Postgraduate School.
Key Note Speaker

Donald “Doc” Lumpkins

Donald “Doc” Lumpkins is the Director of the National Integration Center (NIC), National Preparedness Directorate, FEMA.

In this role he leads national efforts to develop preparedness doctrine, implement the National Incident Management System (NIMS), and provide technical assistance. The NIC’s efforts reach Federal, State, local, and tribal emergency management communities, as well as non-government entities and the private sector. In addition to NIMS, the NIC is responsible for the design and maintenance of the National Response Framework (NRF), the National Preparedness Goal (NPG), and a suite of Comprehensive Preparedness Guides (CPG).

Prior to serving as the NIC Director, Mr. Lumpkins was the Director of the National Exercise Division (NED) where he was responsible for providing exercise guidance and planning support to the Nation’s emergency preparedness community. In this role he led the execution of the National Exercise Program (NEP), which includes the conduct of exercises at all levels of government to include the National Level Exercises. He also led the development of exercise guidance through the Homeland Security Exercise and Evaluation Program (HSEEP). He has also served in several other functions within the Department of Homeland Security and FEMA. Doc served as the Executive Director of the PPD-8 Program Executive Office, where he led the national implementation of Presidential Policy Directive 8, focusing on national preparedness. He also led the National Planning Coordination and Assistance Branch where he focused on the development of planning guidance, the design and execution of catastrophic preparedness planning initiatives, and the conduct of tailored direct support programs to support all homeland security missions.

Mr. Lumpkins has also worked in the state and local community, serving as the Assistant Director for Domestic Preparedness with the Maryland Emergency Management Agency (MEMA). During his time with MEMA, he served as a liaison with Federal, State and local law enforcement during the 9/11 terrorist attacks and has provided operational leadership during a variety of incidents and events, including Hurricanes Floyd and Isabel as well as the 2001 Anthrax attacks.

Mr. Lumpkins has been published in the proceedings of several national conferences, and has also served as a subject-matter expert and editor for Janes’ Information Group and the Journal of Business Continuity and Emergency Preparedness. Mr. Lumpkins earned his Bachelor of Science in International Affairs from the Georgia Institute of Technology and his Juris Doctorate at the University of Baltimore in Baltimore, Maryland. He is a graduate of the Executive Leadership Program at the Naval Postgraduate School.
Key Note Speaker
Dr. Andy Ozment

Assistant Secretary
Office of Cybersecurity and Communications
National Protections and Programs Directorate
Department of Homeland Security

Dr. Andy Ozment is the Assistant Secretary of the Office of Cybersecurity and Communications (CS&C) within the National Protections and Programs Directorate (NPPD) of the Department of Homeland Security (DHS). In this role, Dr. Ozment oversees a budget of almost $930 million and leads a Federal employee workforce charged with enhancing the security, resilience, and reliability of the Nation’s cyber and communications infrastructure.

Prior to being appointed to his current position, Dr. Ozment served at the White House as Senior Director for Cybersecurity and one of two deputies to the Cybersecurity Coordinator. While at the White House, he led the team that developed and implemented the President’s Executive Order (EO) 13636 on Improving Critical Infrastructure Cybersecurity, the Cross Agency Priority (CAP) goal for cybersecurity, and the National Strategy for Trusted Identities in Cyberspace (NSTIC). Dr. Ozment previously worked at the Office of the Secretary of Defense, National Security Agency, MIT Lincoln Laboratory, Merrill Lynch, and Nortel Networks.

Dr. Ozment earned a Bachelor of Science degree in Computer Science from Georgia Tech, a Master of Science degree in International Relations from the London School of Economics, and a Ph.D. in Computer Security from the University of Cambridge.
Edward F. Davis has been in law enforcement for 35 years. He served as the 40th Police Commissioner of the City of Boston from December 2006 until October 2013. Commissioner Davis was Boston’s lead police official during the tragic Marathon bombing and testified before Congress about the bombing and lessons learned. Prior to that, Davis was the Superintendent of the Lowell Police Department, a position he held for 12 years and one he rose to after starting out as a patrol officer in 1978.

In Boston, Commissioner Davis oversaw police services for over 600,000 residents along with those visiting and working in the City of Boston.

The Commissioner’s extensive law enforcement background set the tone for policing in the city, from the walking beat, to managing massive demonstrations and special events, to creating an improved and trusting relationship between the police and community, to innovative technology and social media efforts that have improved public safety and allowed open dialogue with those the police department serves. Davis’s leadership resulted in over 50% reductions in part one crime in Lowell and over 30% reductions in Boston.

Commissioner Davis has also worked internationally on police issues in Singapore, London, Northern Ireland, Jordan and Israel. Commissioner Davis served on the Police Executive Research Forum’s (PERF) Board of Directors and was a founding member and first President of the Massachusetts Major City Chiefs Association.

The Commissioner comes from a police family, which allows him to better understand the needs of the police officer, making it a priority to provide the best possible resources and tools for officers to prevent, investigate and predict crime and crime trends.

Commissioner Davis has been recognized for his efforts locally and nationally, including through the Police Executive Research Forum, the International Association of Chiefs of Police and the Major Cities Chiefs Association. He has received Honorary Doctorates from Northeastern and Suffolk Universities and the University of Massachusetts at Lowell.
Lunch Speaker:
Caitlin Durkovich

In May 2012, President Obama appointed Ms. Caitlin A. Durkovich Assistant Secretary for Infrastructure Protection (IP).

In this role, she leads the Department’s efforts to strengthen public-private partnerships and coordinate programs to protect the Nation’s critical infrastructure, assess and mitigate risk, build resilience, and strengthen incident response and recovery. Previously, Ms. Durkovich served as the National Protection and Programs Directorate’s Chief of Staff, overseeing day-to-day management of the Directorate, as well as development of internal policy and strategic planning. MS. Durkovich has more than 13 years of homeland security-related expertise covering a wide range of activities including continuity of operations (COOP) and business continuity, cybersecurity, pandemic planning, security and policy standards development, strategic management, leadership, institutional transformation, and communications. From 2006 until August 2009, Ms. Durkovich oversaw program management of contracts with the Department of Homeland Security (DHS) in her capacity as head of the Emergency Management Sector for Abrams Learning & Information Systems, Inc. (ALIS), a homeland security and management consulting firm.

Ms. Durkovich was an associate at Booz Allen Hamilton from 2003 to 2006, where she supported and led transformative, interagency, and enterprise-wide projects throughout the Federal Executive Branch, including drafting and coordinating FEMA’s National Continuity Directorate’s Pandemic Influenza Continuity of Operations Plan. She helped lead the realignment of the Internal Revenue Service’s security apparatus, merging four stove-piped divisions and more than 250 people into a Mission Assurance organization. Ms. Durkovich has also provided subject matter expertise to other organizations developing pandemic plans, including the United States Courts, the U.S. Environmental Protection Agency, and various Fortune 500 companies.

Prior to joining Booz Allen, Ms. Durkovich worked with former Oklahoma Congressman Dave McCurdy to launch the Internet Security Alliance, a joint project of the Electronics Industries Alliance and the Computer Emergency Response Center at Carnegie Mellon University, marketing security intelligence and best practices to Fortune 1000 companies. In this capacity, she worked closely with such industry leaders as VISA USA, Sony, Raytheon, and Intuit to develop the first voluntary information security practices for the private sector: Common Sense Guide for Senior Managers: Top Ten Recommended Information Security Practices.

From 1998 to 2001, Ms. Durkovich was a Vice President at iDEFENSE, an information security firm dedicated to providing early warning intelligence on infrastructure and IT threats and vulnerabilities. She has also held several positions at A2S2 Digital Projects, Policy.com, the Democratic Leadership Council, and WTVD News Channel 11.

Ms. Durkovich was born and raised in Albuquerque, New Mexico. She graduated from Duke University in 1994 with a Bachelor of Arts in public policy studies from the Terry Sanford Institute of Public Policy. She earned a Certificate in Business Strategy in 2003 upon attending an executive leadership seminar at The Aspen Institute. She lives in Washington, D.C., with her husband, Simon Rosenberg, and their three children.
# National Homeland Security Conference

**Philadelphia, PA | May 20 - May 22, 2014**

## AGENDA

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<thead>
<tr>
<th>Time</th>
<th>Monday, May 19</th>
<th>Tuesday May 20</th>
<th>Wednesday May 21</th>
<th>Thursday May 22</th>
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<tr>
<td>7:00am</td>
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<td>Breakfast with Vendors - Registration Opens</td>
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<td>Call to Order and Presentation of Colors and Philadelphia Mayor Nutter - Welcome Address</td>
<td>Dr. Andy Ozment - DHS Assistant Sec. for Cybersecurity and Communications (NPPD)</td>
<td>DHS Town Hall Brian Kamoie - FEMA - Asst. Administrator - Grants Program</td>
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<td>8:30am</td>
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<td>Tim Manning - Deputy Administrator - FEMA - Protection and National Preparedness</td>
<td>National Preparedness System Donald M. Lumpkins, Esq. - Director - National Integration Center</td>
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<td>9:00am</td>
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<td>General Jacoby - NORAD NORTHCOM</td>
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<td>11:45am</td>
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<td>Lunch Speaker Ed Davis - Former Boston Police Commissioner - Boston Marathon</td>
<td>Attendees Networking lunch</td>
<td>Lunch - Awards and Closing Ceremonies</td>
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<td>Vendor Break</td>
<td>Move to General Session</td>
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<td>Breakout Sessions:</td>
<td>DHS Secretary Johnson</td>
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### Session 1 - Tuesday, May 20th, 2014 10:00am-11:30am

#### Responding to Unplanned Events

**Lessons Learned When Responding to Natural Disasters**

The presentations will include information on the coordinated response, rescue and recovery for the most disastrous flood and fire in Colorado’s history. Also discussed will be South Florida’s response to the Haiti Earthquake. These presentations will discuss the myriad of challenges related to resource mobilization, mass evacuations and sheltering, road destruction and patient surge.

Moderator: Garry Lisiewski, Program Manager - Tampa UASI

Speakers: Mike Chard, Director of Boulder Operations of Emergency Management, Boulder, CO; Cory Stark, Regional Field Manager, Colorado Division of Homeland Security and Emergency Management; Jeanne Eckes-Roper, RN, Regional Emergency Coordinator ASPR

#### Training for Preparedness

**Preparing for a Radiological/Nuclear Disaster (Is your City Rad/Nuc Ready)**

The Panel will inform the audience of elements to include in a Rad/Nuc disaster plan. It will include information on how and where to get assistance for plan development, training for the community and responders; as well as what state/local/federal assets are available for partnership and support for the plan. This session will start with a short discussion of the current threat including recent events, then transition to assistance programs designed to assist the state, region, city, etc. in developing the Rad/Nuc portion of their THIRA. This panel will discuss available training paths based on needs and disciplines, including how to access trainings. This session will conclude with a discussion of state and federal assets to assist with preparing Rad/Nuc interdiction; as well as response plans, equipment research, requirements, and procurement assistance.

Moderator: John Brenner, Course Director, CTOS/Center for Rad/Nuc Training

Speakers: Randall Whitt, Western Regional Manager, CTOS/Center for Rad/Nuc Training
John Brenner, Course Director, CTOS/Center for Rad/Nuc Training
Clearance E. Roberts III, DNDO Liaison, Department of Energy/National Nuclear Security Administration NA42 First Responder Support
RaJah Mena, CHP – Federal Radiological Monitoring and Assessment Center (FRMAC) – Remote Sensing Laboratory, Nellis Air Force Base
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<th>Program Management &amp; Sustainment</th>
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<td><strong>THIRA Panel Session</strong>&lt;br&gt;A panel discussion will look at how THIRAs are being used at the federal, state and UASI levels to integrate preparedness activities with the National Preparedness System.&lt;br&gt;Panelists: Doc Lumpkins, Director, National Integration Center, DHS/FEMA; John Ufford Washington Emergency Management; Cal Bowman, Chair, Baltimore Urban Area Working Group&lt;br&gt;Moderator: Steve Davis, All Hands Consulting</td>
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<th>Role of the State Administrative Agent (SAA)</th>
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<td><strong>Effective Sub-Grantee Monitoring: Spotlights from SAAs</strong>&lt;br&gt;State Administrative Agencies (SAAs) are required to conduct sub-grantee monitoring, but there is limited guidance from FEMA on how to do so effectively. This session will include presentations from the District of Columbia and California on highlighting their monitoring programs, along with a brief from FEMA on their expectations for monitoring.&lt;br&gt;Speakers: Charles Madden, Grants Division Chief, DC Homeland Security and Emergency Management Agency, Catherine Lewis, Chief, Grants Monitoring Branch, California Office of Emergency Services, Bertram &quot;Bert&quot; McKeithen Jr, Branch Chief, Regional Coordination and Oversight Branch, FEMA Grant Programs Directorate</td>
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<th>The Emergency Medical Response Community</th>
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<td><strong>When Will We Ever Learn? Next Steps in Training and Educating the Emergency Medical Response Community for the 21st Century</strong>&lt;br&gt;Co-creative learning will be at the heart of a spirited and lively dialogue that will challenge the Health and Medical Preparedness community. This discussion will be aimed to evaluate how we educate, train and develop practitioners. A focus on problems with current practice, including common mistakes that seem to be repeated in practice, will be explored. This session will promote a discussion around the increasing complexity of modern day emergencies and a new way to understand them using David Snowden’s Cynefin sense-making framework. This framework will then be applied as the backbone to the Emergency Learning Framework (ELF), a new and innovative way of thinking planning for emergencies&lt;br&gt;Speakers: EMRC: Jeffrey S. KALINER</td>
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Port of Long Beach Presentation on Maritime Coordination Center
The Maritime Coordination Center at the Port of Long Beach Joint Command and Control Center is an inter-agency effort providing day to day operational and situational communications on maritime incidents along the Southern California coastline.
Speakers: Laura Farinella, Deputy Chief, Support Bureau, Long Beach PD, Chad Ellis, Sergeant, Port Police Division, Long Beach PD, Chad Ellis, Sergeant, Port Police Division, Long Beach PD, Steve McPartland, Supervisory Border Patrol Agent, U.S. Customs & Border Protection, Erik Baker, Detective Supervisor, Los Angeles PD

Virtual Infrastructure Safety System
This presentation will show the capabilities of Virtual Alabama and the Virtual Alabama School Safety System. This visualization tool, based in a Google Earth platform allows the visualization and sharing of information that includes building floor plans, real time video surveillance cameras, location of emergency equipment and 81 different emergency equipment and staging areas located inside and around buildings.
Speakers: Lamar Davis Senior Fellow Auburn University, Scott Bridges, Government Vertical Manager at Google

Winning at the Intel phase
Local law enforcement agencies’ role in combating terrorism should center on crime reduction. The crime fighting energy recovered from lowering crime can be converted into proactive efforts, which can root out precursor acts related to the planning and execution of domestic and international terrorism as an operational byproduct.
Speaker - Chief John Bennett - Tampa PD

Intersections
An introduction to the cross functional approach to Intelligence analysis being utilized by the WRTAC analysts within the National Capital Region.
Speaker - Rebecca Brocker - Washington Regional Threat Analysis Center
### A Call to Action: Whole Community Critical Infrastructure Security and Resilience Partnerships as a National Effort

Are you prepared for the next disaster? Does your jurisdiction understand the dynamics and complexity of a cyber-attack and the potential physical consequences to the critical infrastructure in your city or town? Kick off the conference by joining this interactive dialog between attendees, senior security professionals, and senior federal officials, who will guide the panel discussion around how you can get involved in the partnership, and join the national effort of building a safer, secure, and resilient America.

Moderator: Tonya Schreiber, Director, Sector Outreach and Programs Division, Office of Infrastructure Protection, DHS

Speakers: Heather King, Director for Preparedness Policy and Strategy, National Security Committee; Robert Kolasky, Director of Strategy and Policy, Office of Infrastructure Protection, DHS, Curtis Parsons, Chair, SLTTGCC – Homeland Security and Emergency Coordinator, County of Lenawee, Michigan

Additional panelist:
Josh Ederheimer, Deputy Director, Office of Community Oriented Policing Services, Department of Justice

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### First responders and Terrorism: Where the two worlds collide.

The emergency response field is amidst a changing and evolving environment, especially since the horrific terrorist attack of 9/11, causing the tragic loss of innocent victims and public safety personnel. Since then, great strides have been made to increase intelligence information sharing between the Intelligence Community (IC) and first responder entities. This session will use case studies to highlight commonly used terrorist tactics as well as techniques and procedures to keep first responders safe. Finally this session will seek to inform first responders of methods to partner and communicate with the intelligence community.

Speaker - Battalion Chief Kathleen Stanley, Fairfax County Fire and Rescue

Detective Linda Peace, L.A.P.D.
Mitigation Efforts to Combat a Changing Climate

Presenters discuss ongoing mitigation efforts from post Hurricane to benchmarking efforts Miami Beach engineers and Emergency Managers are conducting in order to curtail rising tidal seawaters. Learn how these communities are becoming more resilient in the wake of a changing global climate.

Moderator: Garry Lisiewski, Program Manager - Tampa UASI

Speakers: Heather Roiter Damiano, Director of Hazard Mitigation, New York City Office of Emergency Management, Dr. Philip N. Brown, Deputy, Joint Resources and Readiness Division, Training and Exercise Directorate, North American Aerospace Defense Command and United States Northern Command, Major Martin, Chief, North American Aerospace Defense Command and United States Northern Command, Peterson AFB, Charles Tear, Emergency Management Coordinator, City of Miami Beach, FL., Jay Fink, Assistant Director of Public Works, City of Miami Beach, FL; Betsy Wheaton, Environmental Resource Manager, City of Miami Beach, FL; and Eric Kolbrinsky, Homeland Security Manager, City of Miami Beach, FL.

Simulations in Training: Gaming the Change

This presentation discusses an increasing trend of using simulations and serious games in homeland security training. We will examine some types of simulations used in Homeland Security training, including • The future of simulation based training and challenges faced • Mobile web based EM-ES system used for ICP and EOC simulation based training • Simulation based fire fighter training • Simulation based training as a solution • Scenario-Based Training • Virtual Training Tools. This training will examine where we are now, and where we are going with this technology.

Moderator: Hank Lawson, Director of Operations, TEEX/NERRTC

Speakers: Jason B. Moats, Ph.D., Program Director, WMD Programs, TEEX/NERRTC
Grants Management: Close Outs/Audits/EHP
This session from FEMA’s Grants Program Directorate (GPD) staff will address issues such as applying for grant extensions, the process for closing out grants, common audit findings, and environmental and historic preservation (EHP) rules.
Speakers: Brian Willis, Deputy Director Preparedness Grants Division, DHS; Gary Rogers, Branch Chief, Audit Resolution, DHS, Pasquale Scida, Environmental and Historic Preservation Specialist DHS.
Moderator: Sharyn Zlotnick, Phoenix AZ Office of Emergency Management

HSGP Reporting Requirements: Perspectives from FEMA and SAA’s
Between the longstanding BSIR reports and the newer HSGP reporting requirements, SAAs are responsible for tracking large amounts of programmatic data regarding the use of federal homeland security grant funding. This session will include an overview from FEMA as to how the programmatic reporting requirements are developed and how the information is used to inform FEMA’s activities and Members of Congress. In addition to the FEMA presentation, an SAA Panel Discussion will focus on how to capture the information needed for reporting requirements from sub-grantees and what success stories and challenges have emerged in this process.
Speakers: Laureen Daly, Deputy Director, National Preparedness Assessment Division, NPD, FEMA
Panelists: Richard Pearson, New York State, Brendan Murphy, California
ESF-8 Tools for Situational Awareness

When catastrophe hits, local health officials often face many decisions that must be made quickly and with limited information. Scarce medical resources must be distributed among many organizations with the aim of providing assistance to the greatest number of people in need. Through the Regional Catastrophic Grant Program, Public Health - Seattle and King County staff members have developed an easy-to-use tool that relies on a minimal number of basic questions to provide an overview of the medical situation across eight counties of the Puget Sound Area. This allows decision-makers to assess impacts to healthcare capacity, medical surge needs, availability of supporting infrastructure, and recommend where limited resources may be best used. While this tool is specific to medical resources, the logic behind it can be reproduced for other situations where multiple jurisdictions are competing for limited resources.

Speaker - Ashley Kelmore, Response Planning Manager - Public Health – Seattle & King County WA

The Boston Marathon Bombings, A Transit Perspective

A presentation on MBTA involvement in the 2013 Boston Marathon bombings that includes an overview of the planning for the Marathon event and the response on the day of the bombings as well as the days that followed.

Speaker: Paul MacMillan, Police Chief, MBTA Boston Transit Police

Transit Intelligence Platform

This presentation will describe the evolution and creation of the Transit Security Analyst Group (TSAG) as part of the Delaware Valley Intelligence Center (DVIC), a regional fusion center. This presentation will also discuss innovations that allow the public to send tips directly to the TSAG and the public awareness campaign around it.

Speaker: Bill Shanahan, Director of Government Relations and Grant Administration, Delaware River Port Authority and Chair of the Philadelphia Area Regional Transit Security Working Group.
Enhancing Emergency Capabilities

Debris Management Planning & Public Assistance in Philadelphia

Debris management is the most costly and time consuming activity following disasters. The process requires significant planning and coordination in order to ensure activities are carried out efficiently and effectively. A robust debris plan will help expedite recovery and ensure compliance with FEMA’s Public Assistance reimbursement guidelines. Philadelphia OEM offers a unique insight into this process because the City adopts its first official disaster debris management plan in spring of 2014. The presentation will focus on debris management challenges and opportunities relating to the planning process, coordination and execution, pre-event contractors, debris management sites, and FEMA guidelines and reimbursement.

Speaker/s: Matt Werner, Recovery Planning Coordinator, Emergency Management, City of Philadelphia

Partnerships for Preparedness: A Regional Approach to Emergency Transportation Planning for Vulnerable Populations

In the Puget Sound UASI Region in Washington State, we determined that emergency management and special needs transportation are not adequately integrated at the planning, functional, or operational levels and in response convened a planning group. Over the past 18 months, the Vulnerable Populations Transportation Planning Workgroup has focused the region's attention to this issue and developed methods, practices, and technology applications to improve transportation communication, coordination, and management of emergency response. Focus areas include integrating communication and coordination within community based organizations (CBOs), community based transportation providers (CBTPs) and Offices of Emergency Management (OEMs). This session will provide an overview of the planning framework developed in Washington State with presentations by emergency management, transit providers and community organizations.

Speaker/s: Sheri Badger, Program Supervisor, Exercise, Training, and Public Education, Pierce County (WA) Department of Emergency Management
Robin Pfohman, Vulnerable Populations Action Team (VPAT) Program Manager, Preparedness Section, Public Health-Seattle & King County
Jason Beloso, Urban Special Needs Planner, Washington State Department of Transportation
Public/ Private Sector Information Sharing

A 2 part focus: First the Multi-State Fleet Working Group and the Information Sharing efforts and products developed in the electric sector with state and local governments. The second part of the panel will focus on a discussion between the major cities of the East Coast corridor coalition and will focus on how to interface with the private sector and how to prepare and respond to varying consequences. Examples and scenarios will be used by incorporating results from Hurricane Sandy, recent snow and ice storms, and more.

Speakers - Representatives from industry and government throughout the mid-Atlantic.

Regional Partnership Critical Infrastructure Security and Resilience Success Stories

Regional partnerships are well suited to address today’s complex challenges to critical infrastructure security and resilience. Join the Regional Consortium Coordinating Council (RC3) in a collaborative session designed to facilitate the discovery of best practices and success stories across topics of high relevancy in today’s world, such as infrastructure system interdependencies and cybersecurity. Audience members will have a unique opportunity to contribute directly to the RC3’s Member and Mission Landscape Study, leaving the session with the insight to implement best practices in support of regional security and resiliency efforts.

Moderator - Christopher Terzich, Chair, RC3/President of InfraGard Minnesota Members Alliance | Speakers - Tom Moran, Executive Director, All Hazards Consortium, Richard Garcia, Executive Board Member, InfraGard National Members Alliance, Kate Finnerty, RC3 Landscape Study SME
The Evolving Unconventional Threat: CBRN Terrorism

Chemical, biological, radiological and nuclear terrorism poses a threat to public health and safety, national security, and economic and political stability across the globe. From weapons of mass destruction to weapons of mass impact, a CBRN attack represents an enduring priority for the counterterrorism and homeland security communities. This presentation will discuss the current national security posture against CBRN terrorism and the evolution of the unconventional threat - from anthrax to sarin to radiological dispersal devices - and what CBRN threats first responders are most likely to encounter.

Speaker - Sanjay Mukhi

Session 3 - Tuesday, May 20th, 2014 3:00pm-4:30pm

Leveraging Partnerships and Engaging the Whole Community in Order to Build a Safer and More Resilient Homeland:


Moderator: Garry Lisiewski, Program Manager - Tampa UASI

Speakers: Mona Curry, Emergency Management Coordinator, City of Los Angeles; Michelle Constant, CEO, Constant and Associates, Inc.; Erin McLachlan, Executive Director, Regional Catastrophic Preparedness Grant Program NY-NJ-CT-PA, New York, NY; Laura Stockstill, Plan Manager, Critical Infrastructure; New York, NY; Andrew Phelps, Emergency Manager, City of Santa Fe, NM; and Paul Ford, Ph.D., Director of Safety, Security and Transportation; Tampa General Hospital, Tampa, FL.
The 21st Century Trainer
This presentation will focus on instructor and instructional design core competences to meet the needs of the 21st century including teaching to four generations, use of technology in the learning environment, interactive learning versus lecture, concept-based learning, and facilitation as an instructional tool.

Moderator: Thomas (Tom) A. Tucker, Director, NCBRT
Speakers: Timothy Janowick, Deputy Chief of Police, Field Operations Division, Mount Prospect Police Department

Is There a Relationship Between Inter-Local Collaboration and National Preparedness?
A study focused on the relationship(s) of federal homeland security funding, regional collaboration, and national preparedness. This presentation will cover results of the first phase of a multi-phase study exploring the influence of federal grant funding on regional collaboration, and regional collaboration’s association with overall preparedness. Data was obtained through a 2013 survey administered to all FY2010 UASI grant recipients focused on the activities and collaborative impact of the UASI grant on its recipients.

Speakers: Nicole Errett, Johns Hopkins Bloomberg School of Public Health; Cal Bowman, Chair, Baltimore Urban Area Work Group
Moderator: Steve Davis, All Hands Consulting

Grants Management Training: Highlights from FEMA
This session will provide an overview of the Grants Management Technical Assistance (GMTA) Program, including how grantees can access technical assistance through GMTA, review contents for the GMTA Toolkit, and review modules for the Fundamentals of Grants Management Course.

Speakers: Cotilda Harvey (FEMA), Farrah Gosford, Senior Emergency Planner, Innovative Emergency Management (IEM), Washington, DC
Regional Planning for MCIs and for EMS Response to Active Shooter Incidents
MCI planning is challenging, and planning for Active Shooter Incidents are even more so. This presentation will explore how we’re doing both for an eight-county region with over 110 EMS agencies, more over 100 law enforcement agencies, 10 public health agencies, and 24 hospitals. We’ll present a regionalized approach to MCIs, including adoption of the new SALT triage system, plus regionalized EMS response to Active Shooter Incidents using the Rescue Task Force (RTF) concept. We’ll include development of new triage tags, triage ribbon kits, and other materials to assist during an MCI, as well as reconfiguring MCI Unit inventories.

Presented by David N. Gerstner, EMT-P

Speakers -

David Gerstner, EMT-P, MMRS/RMRS/EP Coordinator, Dayton Fire Department, OH
E. Reed Smith, MD, Virginia Hospital Center, Arlington Fire Department, VA

TSGP/PSGP Town Hall - Speakers:
This session will provide the TSGP/PSGP stakeholders with an opportunity to discuss current issues and concerns related to TSGP/PSGP grant programs. Takeaways from this session will be provided to FEMA.

Speakers: Brian Kamoie, Assistant Administrator of Grant Programs Directorate/Christopher Logan, Deputy Assistant Administrator, Grant Programs Directorate/Brian Willis, Deputy Director, Preparedness Grants Division/Alex Mrazik Jr., Branch Chief, Transit Infrastructure Security Branch, Cynthia Simmons-Steele, Section Chief, Port Security Grant Program.
The SAFETY Act -- Achieving Your Target State of Readiness

After 9/11, the private sector was reluctant to deploy security technologies and services in civilian settings due to the enormous liability risks and responsibilities involved if product or service technologies were impacted by terrorism. To encourage widespread deployment of effective anti-terrorism technologies, Congress enacted the Support Anti-Terrorism by Fostering Effective Technologies (SAFETY) Act in 2002. The SAFETY Act is an incentive program providing liability protections for claims resulting from terrorism where SAFETY Act-approved technologies are deployed. The speaker will present: benefits SAFETY Act coverage offers for providers/users of effective anti-terrorism products or services; how SAFETY Act coverage is obtained; how SAFETY Act applications are submitted. More information is at www.safetyact.gov

Speaker/s: Bruce B. Davidson, Office of Safety Act Implementation, DHS

Disaster Logistics: The Universal Logistics Standard

Today's disaster logistics systems are stressed when responding to most disasters. This stress is magnified during catastrophes, which place a significant burden on logisticians who, in most cases, rely on a system not capable of meeting the demand. Bringing in logisticians from other jurisdictions has the potential to relieve the strain, yet because there is not a universal standard for conducting disaster logistics, most supplemental staff require time to learn the requesting jurisdiction's process and policies. Consequently, disaster logisticians developed a doctrine establishing baseline standards for disaster logistic operations. This presentation focuses on the development of a universal standard as a unified strategy.

Speaker/s: Jim Penta, Program Manager, Regional Catastrophic Planning Team
Nancy Harris, NY-NJ-CT-PA Regional Logistics Program

Intel Panel - Academic Practitioner Engagements

The panel will discuss ongoing partnerships between institutions of higher education and local public safety agencies.

Speakers - Professor Jerry Ratcliff of Temple and Mr Tom O'Reilly of Rutgers. Harvard/ Boston PD Temple Philadelphia PD Rutgers/ Newark PD
First Responder Response to Critical Electrical Substations
This Panel discussion will use the electric substation attack in Metcalf, California as a Case study in an effort to highlight the challenges that faced State, local and federal law enforcement in their responses. This presentation will provide first responders with details of the incident in an effort to build awareness of an evolving threat. This presentation will focus on what first responders should look for, safety procedures to consider, and most importantly, how we can build on existing government resources and the expansion of private sector partnerships to build first responder preparedness response to electric infrastructure.

Moderator: Tonya Schreiber, Director, Sector Outreach and Programs Division, Office of Infrastructure Protection, Department of Homeland Security

Speakers - Scott Aaronson, Edison Electric Institute, Mike Peterson, Senior Compliance Analyst, PG&E, Representative of Dominion Power (Invited)

Additional panelist: Dan Jenkins, Dominion Power

Terrorist Identify Data Environment (TIDE): What You Need to Know for First Responders
Policy expert from the Directorate of Terrorist Identities at NCTC will provide an overview of TIDE and watchlisting. This briefing describes NCTC's mission, introduces Terrorist Identify Data Environment (TIDE), describes why TIDE was created and provides an overview of watchlisting policies/guidance and the legal framework associated with the use of TIDE.

Speaker - Chatland Skinker & Kathy Emond
Responding to Unplanned Events

Reading, Writing, and Response - Lessons Learned from Response to School Violence:

Centennial, CO and Tampa, FL along with schools across the nation were forced to add "Response" to the three-R’s of education. Director Grace and Captain O'Connor discuss lessons learned from recent events within their school districts. The Delaware Department of Safety and Homeland Security will share their Comprehensive School Safety Plan that connects schools for emergency readiness by using a secure portal.

Moderator: Lin Bonesteel, Program Manager - Denver UASI

Speakers: Guy Grace, Director of Security and Emergency, Littleton Public Schools, Littleton, CO; Mary O'Connor, Captain, Criminal Intelligence Bureau, Tampa Police Department; R.L. Hughes, Principal Deputy to the Homeland Security Cabinet Secretary, Delaware Office of Safety and Homeland Security (DSHS); and Wendy Hudson, CSSP Project Manager, DSHS, Office of the Secretary; and Joseph Melvin, DSHS, Office of the Secretary.

Validating Mass Casualty Incident Response Training through Multi-discipline Integrated Capstone Events

This panel focuses on the process of implementing student centered learning practices through integrated exercises across multiple disciplines. The presenters will share the value of in course practical exercises that validate individual and collective team competencies, and the challenges associated with integrating courses and students into a single full-scale mass casualty training exercise. The panel will highlight the dynamics associated with instructor’s traditional role as a teacher and the transition to evaluator/controller. Moderator: CDP Representative

Speakers: Scott Kelberg, Director, National Training and Education Division, Federal Emergency Management Agency (FEMA), U.S. DHS, Washington, DC
Charles King, Superintendent, Center for Domestic Preparedness, Anniston, AL
Rick Dickson, Director of Mission Readiness Integration, Center for Domestic Preparedness, Anniston, AL
Program Management & Sustainment

The Grant Application Process: IJ’s and Online Grant Systems
This session presented by FEMA’s Grants Program Directorate (GPD) staff will cover topics related to preparing grant applications including what you need to know before completing your Project Based Investment Justifications (IJ’S), navigating the ND Grants system and other online grant systems.

Speakers: Brian Willis, Deputy Director, Preparedness Grants Division; and Nora Silk, Analyst/System Specialist.

Moderator: Sharyn Zlotnick, Phoenix AZ Office of Emergency Management

Role of the State Administrative Agent (SAA)

SAA Town Hall
This session will provide the State Administrative Agencies an opportunity to discuss current issues and concerns related to grants and reporting requirements. This Town Hall will include participation from FEMA’s Grant Programs Directorate (GPD)

Featuring: Brian Kamoie, FEMA Assistant Administrator, Grants Programs Directorate (GPD)

The Emergency Medical Response Community

Bird Flu, Swine Flu and MERS; OH My!
Recently, the World Health Organization’s Director-General voiced serious concerns over MERS-CoV, the novel coronavirus emerging from the Middle East. Add to that the recent fatal case of H5N1 (the "original" bird flu) in Canada, the recent H1N1 outbreaks across North America, and it’s clear the threat of a possible pandemic is still a reality. As such, we have an obligation to review our pandemic plans now to ensure we’re prepared for future pandemics, epidemics or outbreaks.

Speaker - Suzanne Bernier, CEM, CBCP, MBCI
The Role of Mass Transit Agencies during Critical Incidents--Naval Yard Shooting WMATA Response

We have learned since September 11, 2001 that incident management involves much more than an army of law enforcement officers responding to an active shooter event. Incident management works best when subject matter experts from all available agencies join together to create a successful outcome. Transportation agencies and transit police in urban areas more likely than not, will find that they play an active role in the mediation of significant events. On September 16, 2013, the Washington Metropolitan Area Transit Authority (WMATA) and the Metro Transit Police (MTPD) learned this lesson first hand during the deadly active shooter event at the Washington Navy Yard.

Speaker: Sgt Thomas Sharkey, Bomb Squad Commander, WMATA Police Department, FBI, Joint Terrorism Task Force, National Capital Response Squad

Human Trafficking Awareness: Amtrak Police's Approach to Effective Detection and Interdiction through Education.

By utilizing a variety of training and awareness resources, the Amtrak Police Department outlines its multi-faceted approach to human trafficking interdiction through educating its officers as well as Amtrak’s employees and customers.

Speaker: Kathleen Harasek, Inspector of Patrol, Mid Atlantic Division Amtrak PD
Safety in Sight: Video Surveillance Protects Cleveland
The Cleveland Department of Public Safety has always been committed to being on the leading edge of technology and a few years ago created the Cleveland Shared Security Surveillance (CS3) program. The goal of the program is to provide officers and first responders with a shared security presence and enhanced officer awareness through a high-speed wireless mesh network with video surveillance cameras.

Speaker: Larry A. Jones II, Project Manager, City of Cleveland Department of Public Safety

Operation Key Rescue: Increasing Capabilities - a Multi-Agency Effort
This presentation covers "Operation Key Biscayne Rescue", a full scale, HSEEP-compliant, combined exercise simulating a category 5 hurricane devastating Key Biscayne and involved the partnership between Federal Agencies, the City of Miami and the Village of Key Biscayne. The scenario included many residents ignoring the mandatory order to evacuate, compelling the development of a search and rescue course for first responders. This will all be discussed along with the innovative field data collection methodology used during the exercise, combining handheld GPS units and apps available on Smartphones (at no cost to the user).

Speaker: Juan Mestas, Office of Emergency Management, City of Miami Fire Rescue

Fusion Center Town Hall – National Fusion Center Association
A discussion of the Fusion Center Network’s National Strategy including the National Mission Cell and the development of Centers of Analytic Excellence

HSIN - The HSIN platform’s role in Intelligence and Information Sharing across the Homeland Security Enterprise

Speaker: - Donna Roy Executive Director, Information Sharing Environment Office of the CIO, DHS
Managing Risk: Key Community Preparedness and Resilience Programs

This interactive session explores how the Pennsylvania-based DHS Protective Security Advisors (PSA) brought together key stakeholders through the Regional Resiliency Assessment Program (RRAP) in Pittsburgh and Philadelphia. This track will seek how to identify key critical infrastructure sites, facilitate information sharing, address dependencies, interdependencies and the cascading effects on critical systems' ability to recover quickly from a significant event.

Moderator: John Guest, PSA Regional Director, Mid Atlantic Area, DHS Office of Infrastructure Protection

PSA’s - William J. Ryan, Philadelphia Stephen P. White, Central Pennsylvania, Harrisburg District, Robert E. Winters, Pittsburgh District

Active Shooter: First responder view and an overview from Weapon, Tactics and Targets group at NCTC

The active shooter briefing includes an analysis of the tactics, equipment, government response, and lessons learned from the Westgate Mall attack in Nairobi, Kenya, from 21-24 September 2013 and the Santa Monica College Shooting. Some key issues of interest to customers include:

- Assessment of what could have been more effective in the attack
- Complications of mall layout on police/military response
- Terrorist use of communications equipment
- Blue-on-Blue Kenyan incidents
- Other topics that can be covered, if necessary:
  - Discussion of Mumbai Attack
  - Key Themes of Active Shooter attacks
  - Location-specific vulnerabilities
  - Active Shooter Planning Cycle
  - Lessons Learned from observation of active shooter training events

Speaker - Kirk Wachenhiemer and Battalion Chief Kathleen Stanley
Hospitals Under Fire, Emerging Threat to Healthcare:
First responders from Children’s Hospital of Wisconsin and Lehigh Valley Hospital recall the events surrounding the day the unthinkable happened. An armed gunman appears, putting patients, visitors, and staff in the crosshairs. The Director of Safety, Security and Transportation for Tampa General Hospital shares best practices, lessons learned and Ph.D. thesis research which focuses on creating awareness, types of hospital violence, prevention and response, roll of Law Enforcement, and seldom discussed statistics.

Denver Health and Hospital Authority apply lessons learned from active shooter and complex multi-threat incidents across the nation and the world, including actual and potential challenges, planning considerations and how Denver is building a true regional multidisciplinary capability to improve survival from these events.

Moderator: Cory S. Stark, Colorado Division of Homeland Security and Emergency Management, North Central Region Field Manager

Speakers: Amanda Quesnell, Patient Care Manager, Children’s Hospital of Wisconsin, Milwaukee, WI; Michael Thiel, Director of Security, Children’s Hospital of Wisconsin, Milwaukee, WI; Michael Wargo, MBA, BSN, PHRN, Administrator, Dept. of Public Safety, Lehigh Valley Hospital, Allentown, PA; Paul Ford, Ph.D., Director of Safety, Security and Transportation; Tampa General Hospital, Tampa, FL; James Manson, Assistant Chief, Denver Health and Hospital Authority; Dave Mitchell, EMS - Arvada Fire Department.
Pre-Disaster Recovery Planning
Disasters may not always be avoidable but it is very important to be able to look create long term plans for recovery in the event of a disaster.

This panel will discuss:
o Why Pre-disaster recovery is important
o Role of community-based buy-in
o Role of National Disaster Recovery Framework
o How NDPTC’s upcoming “Advanced Disaster Recovery Strategies for Local Communities” course can help in creating such a plan.

Moderator: Gregg Nakano, NDPTC

Speakers: Gavin Smith, University of North Carolina, Chapel Hill
Jim Schwab, American Planning Association

The Keys to Sustainment – Reflections of a UASI three years after being cut
This discussion will focus on how UASI's are surviving after grant funding ended. How do you sustain programs and maintain the partnerships that have been developed?

Presenters: Susan Duenas, Program Administrator, Ventura County Sheriff’s Department; Erin Lynch, Emergency Services Director, Mid-America Regional Council, Kansas City, MO; Curtis Brown, Emergency Management Administrator, Hampton Roads UASI, Chesapeake, VA

Moderator: Dawn Fritz, Cleveland OH Department of Public Safety
Role of the State Administrative Agent (SAA)

Threat/Hazard Identification and Risk Assessment (THIRA) and the State Preparedness Report (SPR):
Success Stories and Ongoing Challenges - To date, FEMA has required States (and UASIs) to submit two THIRAs. Some states have utilized the THIRA as a comprehensive tool to inform senior decision-makers and other planning efforts, while others have struggled to produce a meaningful THIRA based on FEMA's guidance. This session will provide perspectives from Minnesota and New York on how they have handled the THIRA requirement, along with an update from FEMA on the State Preparedness Report (SPR), which is now closely tied to the THIRA.

Moderator - Meghan Dudley, NYS Division of Homeland Security and Emergency Services (DHSES)
Speakers: Terry Hastings, Senior Policy Advisor, NYS Division of Homeland Security and Emergency Services (DHSES); Grant Hosmer, Critical Infrastructure Coordinator, Minnesota Homeland Security and Emergency Management; Dan Paulette-Chapman, National Preparedness Assessment Division, FEMA

The Emergency Medical Response Community

Addressing Mental Health - From Victims to First Responders
Panel discussion focused on the different Mental/Behavioral health challenges faced after a terrorist incident or other act of mass violence providing potential strategies to address the challenges. Research is showing that unaddressed behavioral health issues in first responders are a growing problem nationwide. It is important for agencies to develop behavioral health programs that mirror best practices in order to create mental health resiliency. Programs need to be developed and have acceptance from first responders, before an incident if they are going to have a positive impact.

Speakers - Susan Duenas, Disaster Preparedness Coordinator, Oxnard Fire Department, CA
Alex Hamilton, Captain Oxnard Fire Department, CA
Don Mattei, San Mateo County Sheriff’s Office, CA
Amber Morales, Sergeant, Los Angeles Police Department, CA
Staci Beers, Victim Services Manager, FBI

Port and Transit Security

Cyber Security Related to Port/Transit (tentative)
Cybersecurity as it relates to Port and Transit Security.
Speaker: TBD, National Cybersecurity & Communications Integration Center, Department of Homeland Security/NPPD.
Israel's Homeland Security & Counterterrorism Strategy
This presentation will focus on Israel's counterterrorism strategy, its experience with dealing with and mitigating suicide bombings, and a few examples of Israel's preparedness and response structures and policies with respect to homeland security challenges.

Speaker/s: Dr. Nadav Morag, Naval Postgraduate School

Bridging Science and Public Policy to Build Disaster Resilient Communities
This presentation describes bridging the scientific/academic communities and decision-making/operational users for effective emergency and disaster management. After Hurricane Iniki decimated Kauai, the USG directed the integration of National Technical Means into emergency/disaster management activities, with Hawaii as the test case; the Pacific Disaster Center (PDC), a DOD-funded activity, managed via cooperative agreement with the University of Hawaii, executes this function. Disaster management theory and practice evolve while resilient communities’ mechanisms become refined. The brief describes models for conducting science-based, comprehensive disaster management and risk and vulnerability assessments incorporating physical, geographic, cultural, economic, and human factors, plus all potential communities’ use of these models for preparedness, response, and mitigation strategies.

Speaker/s: Steve Recca, Pacific Disaster Center

The Role of the Fire Service in Intelligence and Information Sharing
Current and historical perspectives on the roles of the Fire Service in the Intelligence and Information Sharing environment. Perspectives on successful Fusion Center engagements and Fire Liaison programs.

Speakers - Mr. Bernie Kirk NYS Office of Fire Prevention & Control NY DHSES and Mathew C. Rush Captain, Austin Fire Department NY DHSES; Mathew C. Rush, Captain, Austin Fire Department
Cybersecurity and Communication in tomorrow’s Emergency Services Sector: Are you ready for the future?

Are your communications and cybersecurity programs ready for the future? This session examines today’s efforts to improve and secure Emergency Responder communications and information sharing infrastructure and capabilities. These areas become more important as new technologies are made available and utilized to support tomorrow’s emergency response. Panelists will discuss current efforts and future goals to build and secure the essential tools and resources which support the Emergency Services Sector. Discussion points include FirstNet, NextGen 9-1-1 and Emergency Services focused cybersecurity.

Moderator - Dan Schultz, Chair, Emergency Services Sector Government Coordinating Council/Sector Outreach and Partnership Division, Office of Infrastructure Protection, Department of Homeland Security

Speakers – Mark Hogan, Chief of Security, City of Tulsa, Oklahoma; Patrick Melampy, Vice President of Product Development, Oracle Communications; Jason Gates, Management and Program Analyst, Office of Cybersecurity and Communications, Department of Homeland Security; Alex Kreilein, Technology Policy Strategist, Office of Emergency Communications, Department of Homeland Security

IED Petting Zoo

This brief shows a selection of commonly available explosives precursors and relates them to IED incidents, criminal cases, and explosive accidents worldwide. Also discussed during this presentation are common elements needed to produce an improvised explosive device and examples of recovered switches and configurations from around the world are displayed.

Speaker - Wade Ewing
Responding to Unplanned Events

Prevent, Protect Against, Respond to, and Mitigate Bombing and Fire as Weapon Threat Incidents.

The Office for Bombing Prevention, Protective Security Coordination Division, Department of Homeland Security, offers advise on how to protect life and critical infrastructure by building capabilities within the general public sectors to prevent, protect against, respond to, and mitigate bombing incidents.

FDNY Center for Terrorism and Disaster Preparedness will discuss how, as a tool of terror, the use of fire as a weapon has dated back to the very beginnings of civilization. Its property of self-propagation, as well as comprising multiple deadly properties of heat, blinding smoke, and carbon monoxide makes it the logical choice of weaponry in modern terrorism. Emergency responders must now consider how they will mitigate attacks by active-shooters involving possible explosive devices, mass casualties and fire.

Moderator: Lan Nguyen, Training and Exercise Coordinator - Santa Ana UASI

Speakers: Michael A. Dailey, Chief (A), Counter-IED Training & Awareness Section, Office for Bombing Prevention, Protective Security Coordination Division, Department of Homeland Security and Deputy Chief Tom Currao, Chief of Intelligence and Risk Management Section, FDNY Center for Terrorism and Disaster Preparedness.
Response to Various Types of Active Shooter Incidents
This panel discussion focuses on the need to have a varied response protocol for active shooter situations in different types of facilities, namely hospital, religious, and retail facilities. Panel members, who have experienced such incidents within their facilities and jurisdictions, will discuss the unique issues associated with responding to active shooter incidents in these different environments. The panel will also highlight the training conducted prior to the incident occurrence in their facility or jurisdiction and share lessons learned from the incident. With the increased number of active shooter incidents in America, agencies and communities need to be prepared to respond to these types of incidents. Learn from those who have firsthand experience with active shooter situations in various settings to better prepare your agency or community to respond should such an event occur in your location.

Moderator: Thomas (Tom) A. Tucker, Director, NCBRT
Speakers: Joseph Pulvermacher, Battalion Chief, Training, Oak Creek Fire Rescue, Oak Creek, WI; Mike Bolender, Captain, Oak Creek Police Department, Operations Division, Oak Creek, WI; Terry Mayes, Director of Security, Central Texas Region, Baylor Scott and White Hospitals, Temple, TX; Dan Ryan, Sr. Director of Corporate Security, GGP Chicago

What are the Changes in the Uniform Administrative Requirements, Cost Principles and Audit Requirements for Federal Awards and How Might This Impact Our Organization?
The changes to the OMB circulars do not take effect until December 2014, however, organizations should become familiar with the changes and look at how this may (or may not) affect them. This segment will outline some of the major changes and give examples of how they will affect our organization.


Moderator: Sharyn Zlotnick, Phoenix AZ Office of Emergency Management
State Homeland Security Strategies:
A Toolkit for Building a Better Strategy - In the FY2013 HSGP Funding Opportunity Announcement (FOA), FEMA updated its guidance to mandate that State and Urban Area Homeland Security Strategies be revised every two years; that said, FEMA has not released any guidance on Strategies since 2005. This session will outline how New York and Illinois have moved forward to update their own Strategies and how they are using them to guide resource allocations.

Speakers: Meghan Dudley, Intelligence Analyst, NYS Division of Homeland Security and Emergency Services (DHSES); Michelle Hanneken, Homeland Security Program Manager, Illinois Emergency Management Agency; Doc Lumpkins (FEMA)

Houston We've Got a Problem - Examining Apollo 13 for Improvising During Emergencies
“Houston, we’ve got a problem” these legendary words were spoken by astronaut James Lovell from Apollo 13 to mission control in Houston when the team on-board discovered the damage to the service module caused by an oxygen tank blow-up cutting down power and water supply. With 58 hours into the lunar mission, the priorities of the mission had shifted drastically. A moon landing was no longer an option, getting the astronauts back alive was priority number one. At that time the crew was were still 200,000 miles away from earth. It was time to revise the plan. "Get me the duct tape," was a lesser known quote from the mission. But it was the improvisational use of duct tape that most assuredly saved the lives of the crew. Sometimes we must discard our carefully prepared plans and react to something that is completely unexpected. There are certain improvisational techniques that are important to keep in your back pocket when dealing with crises. The Apollo 13 incident and the subsequent re-plan is a tale of inspiration, courage. Here we present 5 key things that the emergency management community can learn from the Apollo 13 re-plan.

Speaker - Edward Kramer, Ph.D., M.P.H. Program Manager-Center for Emergency Medical Preparedness, Hartford Hospital, CT

Interoperable Communications/Delaware Maritime Security System
In 2011, the Delaware State Police began a maritime security initiative to provide protection for the state of Delaware and its critical infrastructure located along its waterways. During the past three years, this initiative has evolved into a multi-phase project. This presentation will highlight the multiple phases of the project.

Speakers: Kurt Ferry, Director of Security, Greenwich Terminals, LLC/ William T. Robinson, Manager of Security, PBF Energy/Presentation; Ronald Bounds, Vulnerability Specialist, Delaware State Police/Harvey Velott, WMD Coordinator
Enhancing Emergency Capabilities

The City of Los Angeles EOC Coordination, Situational Awareness, and Common Operating Picture Lessons Learned and Best Practices

The City of Los Angeles Emergency Management Department (EMD) coordinates the emergency preparedness and planning for the four million residents of City of Los Angeles. During emergencies and disasters, EMD coordinates the response, mitigation and recovery efforts for the entire City and operates a state-of-the art Emergency Operations Center (EOC). To ensure effective and efficient EOC operations, EMD has undertaken several initiatives to improve the EOC’s coordination process, situational awareness, and common operating picture. EMD’s interactive panel will share the lessons learned, best practices, and tools developed and used to enhance EOC operations and information sharing.

Speaker/s: James E. Bailey, President and CEO of Willdan Homeland Solutions
Christopher P. Bausch, Managing Partner of SenseMakers, LLC
Quentin Frazier, City of Los Angeles Emergency Management Department

Intelligence & Information Sharing

Fusion Center Coordination in Response to Heroin overdose crisis in Mid-Atlantic

Fusion Center representatives will outline their efforts to address the public health crisis caused by a heroin epidemic sweeping the region. Engagement within States and across State borders with law enforcement and public health officials will be highlighted.

Speakers - Representatives from the PaCIC, NJ ROIC, DVIC, WRTAC and DIAC
Preparedness Partnerships for the Whole Community

The Current Landscape of State, Local, Tribal, and Territorial (SLTT) Critical Infrastructure Security and Resilience Efforts

The State, Local, Tribal, and Territorial Government Coordinating Council (SLTTGCC) recently completed a series of reports examining SLTT critical infrastructure programs across all ten FEMA regions. This session involves an open discussion to engage SLTT colleagues in highlighting key preparedness, response, and resilience issues and challenges of the SLTT community. Topics will include an overview of the SLTTGCC, the major findings from the regional reports, and how they relate to conference participants’ efforts in emergency preparedness, emergency management, and critical infrastructure security and resilience.

Speakers - Curtis Parsons, Chair, SLTTGCC - Homeland Security & Emergency Management Coordinator, Lenawee County, Michigan
Mark Hogan, SLTTGCC Executive Committee - Chief of Security, City of Tulsa, Oklahoma

Counterterrorism Planning

In the past three years, NCTC has used all three resources to discover common themes and gaps that exist in jurisdictions across the nation. Perhaps one of the most pressing of them is the need for counterterrorism prevention and response planning guidance. This session will discuss critical areas that should be addressed during CT planning, to include countering violent extremism, strategic communications, information sharing, joint tactical operations, managing social media, and coordinated training of first responders. NCTC will introduce its newly drafted CT Prevention and Response Guide and seek input and feedback from attendees. Participants will have the opportunity to influence this important initiative. This session is intended for first responders, emergency planners, and other public safety representatives.

Speaker - Heidi Kaiser
Caught Off Track - Responding to Train Derailments:
Bronx, NY; Casselton, ND; and Tampa, FL all share lessons learned from derailments they responded to. New York's Emergency Management and Fire Department discuss critical lessons learned when they responded to a Metro-North commuter train derailment. Seven cars hurtled off the tracks at a sharp curve, leaving 4 dead and injuring 70. Cass County Sheriff's Office describes how an eastbound train carrying crude oil struck wreckage from a derailed westbound train, igniting the crude oil and caused a chain of large explosions, which prompted authorities to issue a voluntary evacuation of the city and surrounding area as a precaution. Tampa will present on a recent ethanol train derailment and a molten sulfur fire; describing the response of multiple agencies to reduce the risks associated with the ethanol and timeframe to return to normal operations. Lessons learned will include steps to mitigate the incident as well as the call for shelter-in-place and some identified gaps from the public’s perspective.

Moderator: Lan Nguyen, Training and Exercise Coordinator - Santa Ana UAS
Speakers: Frank McCarton, Deputy Commissioner, Office of Emergency Management, New York, NY; Edward Kilduff, Chief, FDNY; Terra Morris, Sergeant, Cass County Government, ND; and Emilio Salabarria, Director of Safety, Port of Tampa Bay, Tampa, FL.

National Disaster Preparedness Training Center
Natural hazards can affect everyone in your community. NDPTC focuses on training for the “whole community” with respect to natural hazards. As the newest member of the National Domestic Preparedness Consortium, we invite you to learn more about our program and contribute your valuable insights regarding what types of training courses and topics are important to your area.

Moderator: Gregg Nakano, NDPTC
Speakers: James Burke, NDPTC; Eric Yamashita, NDPTC; Lydia Morikawa, NDPTC
Emerging Issues in National Preparedness - RCPGP Sustainment and Information Exchange:

The purpose of this session is to have an in-person, collaborative discussion about the Regional Catastrophic Preparedness Grant Program. We will highlight critical outcomes and sustainment opportunities and challenges for this closing program. RCPGP sites will have the opportunity to discuss strategic plan coordination and program sustainment concepts.

Moderator: Donald Lumpkins, Director, National Integration Center, DHS/FEMA

Telling Your Story: How to Publicize the Impact of Homeland Security Grant Funding

Since 9/11, over $30 billion in homeland security funding has been allocated to States, localities, and other homeland security stakeholders. Congress, FEMA, the media, and even the general public often ask "How are we better prepared as a result of this funding?" This session will highlight ways that several grantees have chosen to "tell their story" by highlighting the positive impacts of their premier homeland security programs.

Moderator - Mary Landers, Bay Area UASI

Speakers: Coalition of California UASIs - Regional Information-Sharing Program - Craig Dziedzic, General Manager of the Bay Area UASI, Mike Sena (NCRIC), Tom Ducker (CalOES), John Valencia (San Diego UASI); Jeff Garofalo, Director of Grant Development, New York City Fire Department (FDNY); Stephanie Tennyson (FEMA)
"New Jersey EMS Response to Super Storm Sandy"
Superstorm Sandy was New Jersey’s largest, and the second-most costly, disaster in U.S. history. This session details the EMS response to this catastrophe including the coordinated effort with other state and federal partners, which was instrumental to the overall response that undoubtedly saved lives. The presenters will discuss how the UASI grant program benefitted the response, and highlight various areas of operations, such as: hospital/nursing home evacuations, the Emergency Management Assistance Compact, multi-agency coordination, providing continuity of operations, development of regional EMS staging areas, mobile field hospital deployments, and the use of medical ambulance buses and interstate mutual aid.

Session Objectives:
1. Understand the preparedness and planning activities that are essential to EMS in a hurricane disaster response.
2. Identify the principle activities needed in a statewide EMS response to a hurricane disaster.
3. Describe the response actions necessary to respond to a hurricane disaster in a statewide emergency.
4. Identify the impediments and challenges by EMS providers in a hurricane disaster response.
5. Explain methods to improve EMS response to a natural disaster.

Speakers - Henry P. Cortacans, MAS, CEM, NREMT-P, Planner-NJ UASI EMS Task Force

1: Securing Critical Transit Infrastructure Against the Threat of Chemical and Biological Weapons
King County completed a project emerging as an industry best-practice to address the threat of weapons of mass destruction in the transit environment. The detectors are unique for the way in which they communicate and report alarm events—a system custom designed to keep the system off the communications network. It is innovative, incorporating redundancy to prevent false alarms and potential evacuation responses, technically stable, and viable for use in a multitude of environments. The system addresses issues that cross industry lines, such as how to avoid interference with SCADA, integration of components with first-responders, thoughtful confidence-testing and clear response scenarios with streamlined roles.

2: Security Measures and Resources Toolbox (SMARToolbox).
A focus on the SMARToolbox which is a searchable, modifiable database of security measures, a self-assessment, links for further research, and a transportation security program guide. It is a resource for surface transportation professionals to discover relevant insights into security practices used by peers world-wide throughout the industry. Speakers: Mark L. Norton, Manager, Transit Security & Emergency Management King County Metro; Ginny Wise, TSA Branch Manager for Policy Execution.
**Integrating Prevention & Protection Planning Initiatives in the State of Maryland**

Maryland is in the process of embarking on an operational prevention/protection planning effort bringing together law enforcement, intelligence, cybersecurity, and public health agencies into a single streamlined process. The key to facilitating this process is building relationships amongst these agencies and developing a common set of capabilities to prevent terrorism in Maryland. The process also includes developing new procedures for emerging issues such as cybersecurity and special event planning. This presentation will focus on the implementation of the prevention/protection operational plan in Maryland, and more importantly, establishing an open dialogue between local, state, and federal agencies for terrorism prevention and response.

Speaker/s: Kyle Overly, Prevention/Protection Planning Lead, Maryland Emergency Management Agency. Blake Stave, National Capital Region Planner, Maryland Emergency Management Agency

**FDNY’s Data Science Strategy for Risk Management**

In emergency services and homeland security, effective resource allocation is synonymous with risk management. With over 1.6 million incidents per year, the Fire Department of New York (FDNY) is no stranger to this sentiment. By merging the power of big data analytics and stakeholder collaboration, FDNY has developed FireCast, a data-driven predictive algorithm that targets buildings of the highest risk of fire across its inspection-qualified portfolio of 300,000 buildings. This session presents a unique, homegrown perspective of smart resource deployment in the context of public safety and security in the largest city in the United States.

Speaker/s: Jeffrey D. Roth, Assistant Commissioner at the New York City Fire Department (FDNY), Jeffrey Chen, Director of Analytics at the New York City Fire Department (FDNY).
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<th>Intelligence &amp; Information Sharing</th>
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<td><strong>Considering a Drone Program? Think Twice</strong> -</td>
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<td>The Myths, Capabilities, Costs, Regulations and Public Relations Concerns That Come with Operating a Law Enforcement Drone Program will be discussed in depth.</td>
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<td>Speaker: Officer Robert Lord, St Petersburg PD</td>
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<td><strong>Automated License Plate Recognition (ALPR) - Collection, Deployment &amp; Retention</strong> -</td>
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<td>Automated License Plate Recognition (ALPR) is an ever emerging technology in law enforcement and the private sector that has been instrumental in developing new ways for law enforcement to apprehend criminals. However, it has also attracted the attention of civil liberties groups who question the value of the data and express concerns regarding law enforcement's collection, retention and use of information on private citizens.</td>
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<td>Speaker - Investigator Ryan Tisdale, Anaheim Police Department</td>
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<td><strong>Supply Chain Security: Risks and Strategies</strong></td>
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<td>Continuity management is no longer centered on the risks associated with IT failure or the loss of a building. This is a discussion on continuity planning in a supply chain-reliant environment and how integrating state and local partnerships improves resiliency that can prevent devastation to businesses and communities.</td>
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<td>Speakers - Greg Carnevale, Critical Manufacturing Sector, Sector Outreach and Programs Division, Office of Infrastructure Protection, Department of Homeland Security</td>
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<td>Steve Lubeski, Director of Supply Chain Security, Alexion Pharmaceuticals</td>
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<td>Sam Cipollo, Department of Defense, Defense Contract Management Agency</td>
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<th>National Counter Terrorism Center</th>
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<td><strong>3D Printing</strong></td>
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<td>The 3-D Printing briefing explains the process of additive manufacturing and highlights its emerging use in a variety of contexts before addressing the emerging intelligence concern of 3-D printed guns and its implications for metal-based screening procedures.</td>
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Foresight Security Scenarios for Prepared Response to the Unplanned: Results from an EU Security Research Project and its Transatlantic Dimension

The presentation reports major results from the European Union co-funded civil security research project FOCUS (Foresight Security Scenarios: Mapping Research to a Comprehensive Approach to Exogenous EU Roles – http://www.focusproject.eu) that was completed last year. It was based on scenario foresight involving various kinds of stakeholders, including beyond the European Union. It worked on an international scale, including collaboration with U.S. projects, such as FEMA’s Strategic Foresight Initiative (SFI). The FOCUS project included transatlantic scenario workshops and a roadmap proposal with a transatlantic research and education agenda to increase capability to comprehensively respond to unplanned events.

Moderator: Lin Bonesteel, Program Manager - Denver UASI

Homemade Explosive Devices
This presentation provides a case study of the Boston Marathon Double Bombing case on the events leading up to, during and after the terrorist attack in Boston Mass on April 15, 2013. The purpose of the case study is to analyze the perpetrators tactics, techniques, and procedures (TTP's) to help prepare first responders for future attacks. In addition to a detailed analysis of the Boston attack, parallels and similarities of other attempted attacks are examined revealing that there is a pattern between the attacks that gives insight into First Responder preparation and potential prevention of future attacks.

Moderator: EMRTC Representative

Speakers: Jerry Little, Instructor, New Mexico Institute of Mining and Technology, Energetic Materials Research and Testing Center

The Keys to Sustainment: Reflections of Three UASI’s After Being Cut

This presentation offers another perspective on the use of technology assets and how they can be transformed to address the new challenges of the Nationwide Public Safety Broadband Network, regional interoperability, and Next Generation 9-1-1 applications.

Presenters: Mr. Joseph Brennan, Chair, Communications and Information Technology Workgroup, Mr. John Haynes, Deputy Director, Chester County Emergency Services, Mr. John Geib, Deputy Director, Montgomery County Department of Public Safety, Mr. Sean Petty, Mission Critical Partners.

Moderator: Sharyn Zlotnick, Phoenix AZ Office of Emergency Management
Capability Assessments: How to Leverage Assessments to Inform Grant Allocations

Over the past decade, major enhancements have been made in preparedness capabilities nationwide as a result of homeland security funding. Many states have made an effort to conduct comprehensive capability assessments to fully understand their preparedness capabilities; however, there is no set national standard in this area. In this session, New Jersey will provide an overview of their program management structure for grant funding, including how capability assessments have been leveraged in support of grant investments. The Office for Bombing Prevention (within DHS’s Protective Security Coordination Division) will also provide an overview of the National Counter-IED Capabilities Analysis Database (NCCAD) program. NCCAD provides a consistent and repeatable methodology to assess and analyze the capabilities of Bomb Squads, Explosives Detection Canine Teams, Dive Teams, Special Weapons and Tactics Teams for effective prevention, protection, and response to IED threats. NCCAD has been leveraged by several states to help inform their grant processes and other strategic planning processes (i.e. THIRA).

Speakers: Steve Talpas, Chief of the Grant Program and Management Bureau, New Jersey Office of Homeland Security and Preparedness (OHSP); Rich McKee (DHS Office for Bombing Prevention)

Protecting Us All - Emergency Services and Chempack

Examining the emerging trends in chemical agent production and recommendations for "re-imagining" Chempack and its uses.

The Chempack Program has not been reimagined in the ten years since it has been developed. Locally maintained Champak caches must include periodic threat and hazard assessments which take into account shifts in population and chemical industry expansion; Chemical antidotes need to be available in less than 45 minutes. To remain relevant and remain a local asset close enough to population centers Chempack must be continuously improved and extended. This presentation will address the chemical weapons threat and the likelihood that subnational actors will turn to chemicals as a means to achieve their objectives. In addition to illustrative historical case studies, she will cover technological innovations that might aid subnational actors in acquiring a chemical capability and other factors related to the chemical terrorism threat.

Amy E. Smithson, PhD

Speakers: Amy E. Smithson, Senior Fellow, James Mason Center for Nonproliferation Studies; Timothy Stephens, Emergency Services Coalition for Medical Preparedness
Port and Transit Security

Managing Derailments Over Rivers
Reviews some of the lessons learned from two recent derailments on bridges over navigable waterways in the Delaware Valley Region. Explores themes of initial response, incident management, and transportation system recovery.

Speaker: CAPT Kathy Moore, Commander, Sector Delaware Bay, U.S. Coast Guard.

Enhancing Emergency Capabilities

How Science and Technology are Enhancing Response and Recovery Capabilities
The DHS Science and Technology Directorate (S&T) develops innovative solutions to address day-to-day and large-scale emergencies. Learn how S&T developed and is testing bio-aerosol sensors to identify and confirm the release of biological agents within minutes; how New York City officials deployed the Radiological Emergency Management System (REMS) at NYC rooftop sites to transmit real-time data to command centers to determine the scope of a radiological incident; how S&T research partners developed technology to find living victims buried in rubble using low-power microwave radar to detect breathing and the heartbeat movements; and how S&T works with urban area partners to develop, test and evaluate technological advancements.

### Leading Intelligence and Information Sharing Efforts with State and Local Partner:

This panel will address collaboration between federal, state, and local partners, including development of joint analytic products, products and resources to facilitate state and local intelligence and information sharing efforts, support for the national network of fusion centers, collaboration between fusion centers, HIDTAs, and RISS centers, enhancements to suspicious activity reporting initiatives, and efforts to evaluate and measure success.

Speaker - Mike Sena NFCA, Kevin Saupp DHS I&A, Jeff Walker FBI, David Sobczyk NSI and other Federal Partners

### Design, Build and Protect: Investing in Critical Infrastructure Resilience

Investing in safe and secure physical and cyber critical infrastructure is a community and national imperative as critical infrastructure is the backbone of America’s national security and economic prosperity. Panelists will discuss new risk technologies, lessons learned, resilience guidelines, development and improvement of building codes and standards, and necessary tools and multi-hazard risk resources to counter potential threats, mitigate vulnerabilities, and enhance the resilience of critical infrastructure lifelines and the communities they support. Discussions will also include the role of repair, upgrade, and pre-emptive maintenance investments as well as the importance of effective public-private partnerships in enhancing resilience.

Speakers - Enrique Matheu, Branch Chief, Critical Lifelines Branch, Sector Outreach and Programs Division, Office of Infrastructure Protection, U.S. Department of Homeland Security; Steve Cauffman, Disaster Resilience Program Lead, National Institute of Standards and Technology; Kevin Morley, Security and Preparedness Program Manager, American Water Works Association; Jim Rossberg, Managing Director, Engineering Programs Division, American Society of Civil Engineers; Tom Reed, Metropolitan Transportation Authority, New York
Remote Control Model Aircraft
Extremists and Criminals have shown interest in using RMCA’s for conducting aerial surveillance, smuggling, air traffic disruption, chemical and biological dispersion and lethal attacks since as early as 2000. Recent attack plots, especially in Syria, Germany, and even the US highlight extremist and criminal intent to leverage commercial-off-the-shelf (COTS)
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