



2021 National Homeland Security Conference Conference Agenda



The National Homeland Security Association is proud to announce the following agenda for the **National Homeland Security Conference**. This **Conference** continues to be the premiere comprehensive homeland security conference in the nation by bringing together a variety of homeland security professionals who offer innovative and informative sessions covering topics in law enforcement, fire rescue service, emergency management, counterterrorism, grant management, and many others.

The National Homeland Security Association would especially like to thank our sponsors and partners of the **2021 National Homeland Security Conference**:

Silver Sponsor: **Ernst & Young**





2021 National Homeland Security Conference Conference Agenda



Time	Event	Room
MONDAY, AUGUST 30, 2021		
REGISTRATION REQUIRED FOR ALL MONDAY ACTIVITIES		
0700 – 1700	Registration Open	Level 3 West
0800 – 1200	Crisis Leadership and Decision Making MGT-340 – Texas A&M Engineering (TEEX) (confirmed)	351
0800 – 1200	Unmanned Aircraft Systems Program Development (UASPD) , Overview – New Mexico Tech. Minimum class size is 30 (confirmed)	263-264
0800 – 1300	AEM/CEM Certification Preparatory Course (Registration for this class is with IAEM directly, not NHSA; register at: https://www.iaem.org/cvweb/cgi-bin/eventsdll.dll/EventInfo?sessionaltcd=AUG3021PREP)	350
0800 – 1700	Initial Law Enforcement Response to Suicide Bombing Attacks – New Mexico Tech.	254-255
0800 – 1700	Counter Unmanned Aircraft Systems – New Mexico Tech <i>Note: This is an 8-hour course with a one-hour break for lunch on your own. Minimum class size is 30 (confirmed)</i>	252-253
0800 – 1700+	Medical Preparedness and Response to Bombing Incidents – New Mexico Tech & TEEX. <i>Note: This is a 16-hour course, with the first 8-hours taught on Monday, August 30th, and the second 8-hours taught on Thursday, September 2nd. You must commit to both days if you register. Lunch will be on your own on Monday, in the Ballroom on Thursday. You will miss the General Session and Best of Show presentations on Thursday. Minimum class size is 30 (confirmed)</i>	318
0900 – 1030	New Threats and Innovative Solutions: How Communities Address an Evolving Landscape of Risk , Panel Discussion, with Dr. Jeff Williams (confirmed)	250-251
0900 – 1200	Tales from the Dark Web, Panel Discussion: - recent victims of ransomware attacks (Atlanta, GA; Pensacola, FL; and Oldsmar, FL) share their horrific ordeal and important lessons learned, with Felipe den Brok, Stephanie Cassidy and Michael Lettman	320
0900 – 1025 1035 – 1200	Best Practices Established During COVID-19 Response – Benchmarking with Peer Healthcare and Emergency Management Professionals – Moderators: Lindsay Einhorn and Elizabeth Dunn	319
1045 – 1215	Preparedness Grants Meet Up for State Administrative Agencies Representatives , hosted by Robert Evans, Illinois Emergency Management Agency	250-251
1200 – 1300	Lunch on your own	
1300 – 1430	Unmanned Systems and Terrorism – New Mexico Tech <i>Minimum class size is 30</i>	263-264



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Time	Event	Room
1300 – 1600	Western Perspective on COVID-19 Response – Three, back-to-back presentations from FEMA Regions 8, 9 and 10; Southern Nevada Health District and Clark County; and University Medical Center of Southern Nevada: “Western Regional Alliance for Pediatric Emergency Management (WRAP-EM) Center of Excellence Pilot Tested During the COVID-19 Pandemic”, with Christopher R. Newton, MD; Deborah Kuhls, MD; James Betts, MD; and Milissa Chanice “The Power of Partnerships: A Regional Approach to Responding to the COVID-19 Pandemic”, with Misty Robinson and Billy Samuels “University Medical Center of Southern Nevada Demonstrates Innovative Leadership, Collaboration, and Community Engagement in Pandemic Response”, with Mason Van Houweling	261-262
1300 – 1600	2022 THIRA/SPR Methodology Update Workshop – FEMA Community Risk and Capability Assessment Section, Assessment and Analytics Branch/NPAD, with Ben Berger, Rachel Cychosz and TBD from National Team <i>(confirmed)</i>	319
1300 – 1600	Human Trafficking, Recognizing the Tales - panel discussion, with Professor Maria Burns, Tiffany Parker and Agent David Klimek. <i>(confirmed)</i>	250-251
1300 – 1700	Strategic Overview of Disaster Management for Water and Wastewater Utilities MGT-342 - Texas A&M Engineering (TEEX) – (confirmed)	351
1400 – 1600	IAEM AEM/CEM Exam	350
1400 – 1700	COVID, CARES, CASH: A COVID-19 Financial Recovery Workshop , with Branch Strickland and John Shaw; Ernst and Young	320
1445 – 1615	New Mexico Tech – NY/NJ Bombing 2016. <i>Minimum class size is 30</i>	263-264

The 2021 National Homeland Security Conference will be offering an opportunity to catch the “Best of Show”. Presentations will be ranked as “Best of Show” by you and your peers, using the NHSC app during the conference. You will have the opportunity to rate both the presentations you attended and those you regret missing. The top twelve presentations, regardless of track, will be invited to present a second time on Thursday, September 2nd, from 11:15 to 12:15. Final presentation selection is also subject to the presenter’s availability. Those presentations available for “Best of Show” are shown in [blue](#).



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Time	Event	Room
TUESDAY, AUGUST 31, 2021		
0730 – 1700	Registration Open	Level 3 West
0900 – 1000	Opening Ceremonies	Chairman's Ballroom
1000 – 1010	Opening Remarks – NHTA President Jonathan Schultz	Chairman's Ballroom
1010 – 1045	General Session –	Chairman's Ballroom
1045 – 1100	Break	
	Session 1: Note- blue indicates “Best of Show” candidate	
	<ul style="list-style-type: none"> • Combating Domestic Violent Extremism – Moderator: David Kontny – “Integrating Threat Management Strategies in Preventing Targeted Violence”, with Adrian Beas • Counterterrorism – Moderator: Douglas DeLancey – “Human Trafficking – Recognizing the Tales”, with Tiffany Parker • Cybersecurity – Moderator: Dawn Thomas – “Best Practice: Cyber Liaison Officer (CLO) program; improving cyber proficiency among state/local law enforcement to increase cyber reporting”, with Lance Larson, Ph.D. • Enhancing Information and Intelligence Sharing – Moderator: Sheryl Jardine – “Preparing for Left of Bang: The Challenge and Importance of Intelligence and Information Sharing Exercises in Today's Threat Environment”, with David Schuld, Tanner Jensen, Keith Bevan, and John McClure 	261-262 263-264 252-253 350 250-251
1100 – 1200	<ul style="list-style-type: none"> • Grants, Policy, Personnel, and Program Management – Moderator: Mark Silveira – “Mental Health Issues and Public Safety”, with Brent Parker • Lessons Learned from Recent Events – Moderator: Terry Stoltzman – “Salt Lake County 2020: Central City in Liberty County...It Can Happen!”, with Clint Mecham and David Schuld • Planning - Moderator: Jennifer Schaal - “Run. Hide. Fight. Inclusive Active Shooter Preparedness Planning for Every Community”, (tentative) with Rebekah Tosado, Andy Burchfield, and Analyst Daniel Rivera • Public Health – Moderator: Elizabeth Dunn – “Partnering with Social Media Platforms on Public Safety Issues”, with Lee Smith, MD, JD • Training and Exercise – Moderator: Lindsay Einhorn – TBD • Paid Programming - Exhibitor Presentation – Moderator: Olivia Galinis, “Cyber Counter-Drone Concepts for Homeland Security Control & Continuity in Sensitive Environments” by D-Fend Solutions 	254-255 319 320 318 351
1200 – 1215	Break	
1215 – 1315	Lunch (Provided)	Chairman's Ballroom
1315 – 1330	Break	



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Time	Event	Room
1330 – 1430	Session 2: <i>Note- blue indicates “Best of Show” candidate</i>	
	• Combating Domestic Violent Extremism – Moderator: David Kontny - TBD	261-262
	• Counterterrorism – Moderator: Douglas DeLancey – “New York State’s Targeted Violence and Terrorism Prevention (TVTP) Program: Building Multi-Disciplinary Threat Assessment and Management (TAM) Teams across the Empire State”, with Meghan Dudley, Nicole Erickson, Katie Joel, and Todd Baxter	263-264
	• Cybersecurity - Moderator: Olivia Galinis – “Planning for Continuity in the Face of a Cyber Attack: Challenges and Best Practices”, with Dawn Thomas	252-253
	• Enhancing Information and Intelligence Sharing – Moderator: Sheryl Jardine – “ <i>Behind the Scenes: Mitigating Campus Threats via Intelligence Analysis</i> ”, with Tiffany Murray	350
	• Grants, Policy, Personnel, and Program Management - Moderator: Mark Silveira – “Sustaining the Public Workforce: A Multigenerational Approach Using Public Service Motivation”, with Yolanda Permenter	250-251
	• Lessons Learned from Recent Events - Moderator: Terry Stoltzman – “Active Shooter: A Brief History”, with Christopher Batterman	254-255
	• Planning - Moderator: Jennifer Schaal – “Moving on from 2020 – A Future for Emergency Management”, with Kyle Overly	319
	• Public Health – Moderator: Elizabeth Dunn – “Pediatric Outpatient/Urgent-care Emergency and Disaster Planning”, with Michael Frogel MD, FAAP, John Jermyn, Arthur Cooper, MD FAAP	320
1430 – 1445	• Training and Exercise – Moderator: Lindsay Einhorn - TBD	318
	• Paid Programming – Exhibitor Presentation - TBD	351
1430 – 1445	Break	



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Time	Event	Room
	Session 3: Note- blue indicates “Best of Show” candidate	261-262
	• Combating Domestic Violent Extremism – Moderator: David Kontny - TBD	263-264
	• Counterterrorism - Moderator: Douglas DeLancey - “Building Counter-IED Capabilities with the Security and Resiliency Guide” (SRG), with TBD	252-253
	• Cybersecurity – Moderator: Dawn Thomas – “Convergence: How Information Laundering and Cyber-Enabled Operations Threaten Homeland Security and What Can Be Done About It”, with Katelyn Mason and Samantha Korta	350
	• Enhancing Information and Intelligence Sharing – Moderator: Sheryl Jardine – “How a Network of Threat Assessment Teams Can Break Down Silos”, with Patrick Kickland	
	• Grants, Policy, Personnel, and Program Management - Moderator: Mark Silveira – “A Change Has Already Come. Is Your Grant Management Strategy Ready?”, with Deirdre Joseph	250-251
1445 – 1545	• Lessons Learned from Recent Events - Moderator: Terry Stoltzman – “Hotels! How New York used one of its most valuable resources to combat the spread of COVID-19”, with Dana F. Nelson	254-255
	• Planning - Moderator: Jennifer Schaal – “IAEM - Working to Coordinate Emergency Management and Homeland Security Efforts Across the National Enterprise”, with Judson M. Freed	319
	• Public Health - Moderator: Elizabeth Dunn – “Surge and Flex – A New York City Healthcare System’s story of resilience during Covid-19”, with Andrew Dahl; and “Supporting a Healthcare System in Crisis: How New York City Supported its Healthcare System During COVID-19”, with Robert Bristol	320
	• Training and Exercise – Moderator: Lindsay Einhorn - TBD	
	• Paid Programming – Exhibitor Presentation – Moderator: Olivia Galinis, “ ” – Disaster Tech	318 351
1545 – 1600	Break	



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Time	Event	Room
1600 – 1700	Session 4: <i>Note- blue indicates “Best of Show” candidate</i>	
	• Combating Domestic Violent Extremism – Moderator: David Kontny - TBD	261-262
	• Counterterrorism - Moderator: Douglas DeLancey - “A New Approach for Preventing Violence: How Local Prevention Frameworks Can Protect Against Targeted Violence and Terrorism”, with John T. Picarelli, Michael Brown, Dr. Steven Weine, and Dr. Kurt Braddock	263-264
	• Cybersecurity – Moderator: Dawn Thomas – “PISCES: The Public Infrastructure Security Cyber Education System”, with Michael K. Hamilton and TBD DHS	252-253
	• Enhancing Information and Intelligence Sharing – Moderator: Sheryl Jardine – “ How are you leveraging your fusion center?: How the National Network of Fusion Centers Defines Homeland Security ”, with Alberto Martinez, Mike Sena, Jay Moseley, and Cary Underwood	350
	• Grants, Policy, Personnel, and Program Management – Moderator: Mark Silveira – “DHS Townhall Meeting”	250-251
	• Lessons Learned from Recent Events – Moderator: Terry Stoltzman – “Special Events Planning in the Nation’s Capital”, with Derron T. Hawkins;	254-255
	• Planning – Moderator: Jennifer Schaal – “The World Turned Upside Down: NYC Continuity of Operations (COOP) Response to COVID-19”, with Christine Vega	319
	• Public Health – Moderator: Elizabeth Dunn – “Cascading Impacts Planning in NYC: Lessons Learned During COVID-19”, with Kathryn Howard and Lisa Blake; and “Lessons Learned During COVID-19: Data and Innovation in Response and Recovery”, with Antonio DiMarco	320
	• Training and Exercise – Moderator: Lindsay Einhorn - “Kinetic Mobile Tabletops – The Answer to Crawl, Walk, Run”, with Nicole Markuski	318
	• Paid Programming – Exhibitor Presentation – TBD	351
1700 – 1715	Break	
1715 – 1800	POC Meeting (UASI POCs only, all others break before Exhibitor Social)	250-251
1715 – 2000	Exhibitor Social	309-317



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Time	Event	Room
WEDNESDAY, SEPTEMBER 1, 2021		
0700 – 1700	Registration Open	Level 3 West
0900 – 1000	General Session – Keynote presented by Alex Amparo who serves as the Senior Official Performing the Duties of FEMA Deputy Administrator for Resilience.	Chairman's Ballroom
1000 – 1700	Exhibitor Hall Open	309-317
1000 – 1015	Break	
1015 – 1115	<p>Session 5: <i>Note- blue indicates "Best of Show" candidate</i></p> <ul style="list-style-type: none"> • Combating Domestic Violent Extremism – Moderator: David Kontny - TBD • Counterterrorism – Moderator: Douglas DeLancey - "DHS TRIPwire: Open Source IED Information Sharing", with Dennis Molloy • Cybersecurity – Moderator: Dawn Thomas – "Cybersecurity Risk Assessments for Local Governments: The New York State Model", with Steven Gravel • Enhancing Information and Intelligence Sharing – Moderator: Sheryl Jardine – "FBI's Unclassified Crisis Information Sharing Method", with Ronald E. Benson • Grants, Policy, Personnel, and Program Management – Moderator: Mark Silveira – "How National Preparedness Directorate (NPD) uses THIRA/SPR", with TBD • Lessons Learned from Recent Events – Moderator: Terry Stoltzman – "WINTER IS COMING!", with Francisco Sanchez and Michelle Carnahan • Planning – Moderator: Jennifer Schaal – "Ethics and Homeland Security", with Dr. Romeo Lavarias • Public Health – Moderator: Elizabeth Dunn – "COVID-19: Learning in Real-Time", with Ann Lesperance, Heather Kelly, Jody Ferguson and Grant Tietje • Training and Exercise – Moderator: Lindsay Einhorn - TBD • Paid Programming - Exhibitor Presentation – Moderator: Olivia Galinis, "Zero Trust: Beyond the Buzzword", with Brent Hansen, Chief Technology Officer; Thales Trusted Cyber Technologies 	261-262 263-264 252-253 350 250-251 254-255 319 320 318 351
1115 – 1130	Break	
1130 – 1230	Lunch (Provided) – Awards Ceremony	Chairman's Ballroom
1230 – 1245	Break	
1245 – 1345	<p>Session 6: <i>Note- blue indicates "Best of Show" candidate</i></p> <ul style="list-style-type: none"> • Combating Domestic Violent Extremism – Moderator: David Kontny - TBD • Counterterrorism – Moderator: Douglas DeLancey "Las Vegas MACTAC", with Brian O'Neal and Justin Van Nest • Cybersecurity – Moderator: Dawn Thomas "Alexa: Lawyer Up: Safety Concerns with Connected Devices", with Greg Kaminski and Joe Walsh • Enhancing Information and Intelligence Sharing – Moderator: Sheryl Jardine – "Using Hybrid Intelligence and Predictive Risk Rating Modelling for Threat & Risk Analysis and Assessment", with Cihan Aydinler, Ph.D. • Grants, Policy, Personnel, and Program Management – Moderator: Mark Silveira – "State Homeland Security Program: Targeted Grant Programs - How States can 	261-262 263-264 252-253 350 250-251



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Time	Event	Room
	<p>leverage their Homeland Security funding through the use of targeted funding to build specific capabilities to effectively respond to the evolving threat environment”, with Nicole Erickson</p> <ul style="list-style-type: none"> • Lessons Learned from Recent Events – Moderator: Terry Stoltzman - “2020 Hindsight: A Tale of Collaboration from COVID to Insurrection”, with Clint Osborn and Jerica Shackelford • Planning – Moderator: Jennifer Schaal – “Developing a Preparedness Cycle within an Ongoing Response: Lessons Learned from COVID-19”, with Lindsay Einhorn and Jimmy Deats • Public Health – Moderator: Elizabeth Dunn – “University Medical Center of Southern Nevada Demonstrates Innovative Leadership, Collaboration, and Community Engagement in Pandemic Response”, with Mason Van Houweling • Training and Exercise – Moderator: Olivia Galinis - “Lessons Learned from the Texas Airport Landside Security Workshop Series”, with Brandon Gentry • Paid Programming – Exhibitor Presentation – Moderator: Olivia Galinis – “Gresco Tech 	<p>254-255</p> <p>319</p> <p>320</p> <p>318</p> <p>351</p>
1345 – 1400	Break	
1400 – 1500	<p><u>Session 7: Note- blue indicates “Best of Show” candidate</u></p> <ul style="list-style-type: none"> • Combating Domestic Violent Extremism – Moderator: David Kontny - TBD • Counterterrorism – Moderator: Douglas DeLancey – “Building a Collective Approach to Managing Today’s Risk to Critical Infrastructure”, with Dr. David Mussington • Cybersecurity – Moderator: Dawn Thomas – “Leveraging Emergency Management for Cybersecurity Preparedness”, with Netta Squires • Enhancing Information and Intelligence Sharing – Moderator: Sheryl Jardine – “Improving Communications During Incident Response”, with Dusty Rhoads and Wes Rogers • Grants, Policy, Personnel, and Program Management – Moderator: Mark Silveira – “Nonprofit Security Grant Programs: How New York State has leveraged this critical program funding to secure and protect their nonprofit organizations from threats of terrorism”, with Eric Abramson • Lessons Learned from Recent Events – Moderator: Terry Stoltzman – “El Paso 8/3: Compassion and Terror on the Borderland”, with Jorge A. Rodriguez and Dr. Krista Flannigan • Planning – Moderator: Jennifer Schaal – “Western Regional Alliance for Pediatric Emergency Management (WRAP-EM) Center of Excellence Pilot Tested During the COVID-19 Pandemic”, with Christopher R. Newton, MD; Deborah Kuhls, MD; James Betts, MD; and Milissa Chance • Public Health – Moderator: Elizabeth Dunn – “Beating the Heat, While Fighting COVID-19”, with Eric Stoessel, Chris Pagnotta, and Jim DeAngelo; and “Get Food! How NYC Delivered Over 65 Million Meals during the Greatest Public Health Crisis in a Century”, with Chris Pagnotta and Sam Kornfield • Training and Exercise – Lindsay Einhorn - “Active Shooter: Conducting a Multi-Agency Full Scale Exercise with Local Law Enforcement, County Fire, & Local Healthcare System” with Mateika Martin 	<p>261-262</p> <p>263-264</p> <p>252-253</p> <p>350</p> <p>250-251</p> <p>254-255</p> <p>319</p> <p>320</p> <p>318</p>



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Time	Event	Room
	<ul style="list-style-type: none"> Paid Programming – Exhibitor Presentation – Moderator: Olivia Galinis – “ ”, C Packet Network 	351
1500 – 1515	Break	
1515 – 1615	<p><u>Session 8: Note- blue indicates “Best of Show” candidate</u></p> <ul style="list-style-type: none"> Combating Domestic Violent Extremism – Moderator: David Kontny - TBD Counterterrorism – Moderator: Douglas DeLancey – “26 Years After the Oklahoma City Bombing: How Far We've Come - But Still Need to Go”, with Dr. David Mussington, FBI (TBD), and Sean Haglund Cybersecurity – Moderator: Dawn Thomas – “Cybersecurity Drivers – What Makes Public Safety Unique?”, with Robert (Dusty) Rhoads Enhancing Information and Intelligence Sharing – Moderator: Sheryl Jardine – “Communications Security and Encryption: Emerging Trends and Current Deployments”, with Joshua Black, Alan Massie, Scott Wright, and Stuart Sanz Grants, Policy, Personnel, and Program Management – Moderator: Mark Silveira – “Building a Data-Driven Culture in Emergency Management: How Emergency Management and Homeland Security Agencies Can Empower Their Staff by Implementing Data Analysis and Visualization Strategies”, with Eric Shreve and Patrick Campion Lessons Learned from Recent Events – Moderator: Terry Stoltzman – “Fire, Health, and Police: Unity in Unified Command”, with Sandy Wedgeworth, James Underwood, and Brian McPhail Planning – Moderator: Jennifer Schaal – “The Disaster within the Disaster: Addressing the Food Security Crisis- Lessons Learned and Practical Guidance”, with Netta Squires, Chris Webster and Myra Derbyshire Public Health – Moderator: Elizabeth Dunn – “Hidden in Plain Sight: Reducing the Terrorism Risk of life saving Radiological Materials in Healthcare Facilities”, with Edward Baldini and Kristin Hirsch; and “University of California San Francisco and the Cesium Irradiator Replacement Project (CIRP) to Reduce the Threat from Large Radioactive Sources in the Community”, with Michelle D Heckle, Cathleen Edmonds and Todd J. Piantedosi Training and Exercise – Moderator: Lindsay Einhorn - Panel Discussion “Lessons Learned from a 28 Hospitals and City Agencies: Pediatric Disaster Exercise”, with Dr. Michael Frogel, John Jermyn, and Dr. Arthur Cooper Paid Programming – Exhibitor Presentation- TBD 	261-262 263-264 252-253 350 250-251 254-255 319 320 318 351
1615 – 1800	Break	
1800 – 2200	Host Social – TBD	



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THURSDAY, SEPTEMBER 2, 2021		ROOM
0730 – 1330	Registration Open	Level 3 West
0800 – 1700	New Mexico Tech – Medical Preparedness and Response to Bombing Incidents. <i>Note: this is the second half of a 16-hour course which began on Monday, August 30th.</i>	318
0900 – 1000	General Session “Nashville Bombing Case Study”, with Kirk Yeager and Andrew Seiffert (tentative)	Chairman’s Ballroom
1000 – 1015	Break	
1000 – 1300	Exhibit Hall Open	309-317
1015 – 1115	<u>Session 9: Best of Show</u> Six of the “Best of Show” presentations: <ul style="list-style-type: none"> • Best of Show presentation #1 TBD • Best of Show presentation #2 TBD • Best of Show presentation #3 TBD • Best of Show presentation #4 TBD • Best of Show presentation #5 TBD • Best of Show presentation #6 TBD • Best of Show presentation #7 TBD 	
1115 – 1130	Break	
1130 – 1230	Lunch (Provided)	Chairman’s Ballroom
1230 – 1300	Closing Ceremony	Chairman’s Ballroom
1300 – 1430	New Mexico Tech – Counter Unmanned Aircraft Systems. <i>Note: minimum class size is 30 (confirmed)</i>	263-264
1300 – 1600	Best Practices Established During COVID-19 Response – Benchmarking with Peer Healthcare and Emergency Management Professionals – Moderators: Lindsay Einhorn and Elizabeth Dunn (<i>confirmed</i>) – <i>this is a continuation of the discussions from Monday</i>	319
1300 – 1700	Recent Event (TBD) In-Depth Discussion	Chairman’s Ballroom
1300 – 1700	New Mexico Tech – Prevention Of and Response To Suicide Bombing Incidents <i>Note: Minimum class size is 30 (confirmed)</i>	261-262
1300 – 1700	New Mexico Tech – Understanding and Planning for School Bombing Incidents. <i>Note: minimum class size is 30 (confirmed)</i>	254-255



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CRISIS LEADERSHIP AND DECISION MAKING (MGT-340)

This four (4) hour course uses a variety of case studies to examine the strategic and executive level issues related to preparing for, responding to and recovering from a catastrophic incident. Using facilitated discussion, the group identifies lessons learned from the senior officials' standpoint then applies those lessons by developing an individual/jurisdictional action plan designed to enhance their preparedness.

UNMANNED AIRCRAFT SYSTEMS PROGRAM DEVELOPMENT (UASPD), Overview

The goal of the Unmanned Aircraft Systems Program Development (USAPD) course is to aid first responders and emergency agencies in the successful development, implementation, and sustainment of a department or agency's small unmanned aircraft system (sUAS) program. This course provides class participants with the knowledge and tools required for establishing sUAS program goals; deciding if an agency is best suited by sUAS operations options under 14 CFR part 107 or operating sUAS programs as a public aircraft operation (PAO); requesting waivers and airspace authorizations; and developing standard operating procedures (SOP). This course will provide first responders with an understanding of FAA regulations governing 14 CFR part 107 operations along with statutory requirements for public aircraft operations. The UASPD course also presents a review of Government agency sUAS program best practices.

AEM/CEM CERTIFICATON PREPARTORY COURSE

The International Association of Emergency Managers (IAEM) will be offering the AEM/CEM preparatory exam course from 8:00 AM to 1:00 PM and the AEM/CEM Exam from 2:00 to 4:00 PM. The cost of the preparatory course and exam fee are NOT included with your registration fee. Registrants indicating they would like to attend the prep course and/or take the exam will also need to register directly with IAEM at <https://www.iaem.org/cvweb/cgi-bin/eventsdll.dll/EventInfo?sessionaltcd=AUG3021PREP> to finalize their registration. Registration deadline is August 17, 2021. Onsite registration is not available.

INITIAL LAW ENFORCEMENT RESPONSE TO SUICIDE BOMBING ATTACKS

The Initial Law Enforcement Response to Suicide Bombing Attacks (ILERSBA) course was developed with support and cooperation from the Department of Homeland Security, National Bomb Squad Commanders Advisory Board, and New Mexico Tech to provide front line law enforcement officers with the skills and knowledge to effectively interdict and respond to an imminent suicide bombing attack (person-borne or vehicle-borne) or a non-suicide attack involving a vehicle-borne device. Topics covered include but are not limited to: • Blast effects and safety measures during suicide bombing attacks • Suicide Bombing Tactics and Techniques • Legal issues • Response to active PBIED and VBIED suicide bombers • Post-blast response to PBIED and VBIED suicide bombers • Performance exercises-scenarios

COUNTER UNMANNED AIRCRAFT SYSTEMS (CUAS)

Overview

The goal of the Counter Unmanned Aircraft Systems (CUAS) course is to help front-line first responders and emergency management personnel to recognize and assess an unmanned aircraft event for a potential threat, and to give basic awareness of how to assess and mitigate that threat. This course provides class participants with the knowledge and tools necessary to detect, identify, track, assess, mitigate and respond to commercial and hobbyist unmanned aircraft operations in the United States. This course will provide first responders with mitigation and response techniques to use

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if they determine that an unmanned aircraft is operating in an unsafe or illegal fashion. The CUAS course also alerts the participants to the possible terrorist use of unmanned aircraft and enables them to understand the dangers represented by terrorist use of unmanned aircraft.

Target Audience

All first responder disciplines

MEDICAL PREPAREDNESS AND RESPONSE TO BOMBING INCIDENTS

This course is intended for members of emergency response as well as other city and county services that become a part of a community response to an bombing incident. This interactive, instructor facilitated program employs case studies, lessons learned, validated medical data, and potential threats to the communities we serve. Sessions will address planning considerations and concerns specific to medical responders, law enforcement, and emergency planners, with an intended outcome of integrating incidents of an explosive nature into existing plans.

Topics

- Terrorism Target Identification
- Types of Terrorism
- Explosive Characteristics and Behaviors
- Homemade Explosives
- Pre-attack Indicators
- Blast Injuries Types and Treatment
- Blast Injury Triage Considerations
- Pre- and Post-Detonation Response
- Planning and Command Considerations
- Understanding Local/State/Federal Resources

Participants

- Participants
- Emergency Medical Services (EMS)
- Law Enforcement (local, county, state, federal)
- Fire Services
- Communications (Dispatchers)
- Specialty Teams Members (SWAT, Tactical Medics, Bomb Team, Haz Mat)
- Hospital Personnel
- Medical Professionals
- Emergency Management
- City, County, State, Federal Stakeholders
- Community Emergency Response Teams (CERT)
- Private Industry

Credits



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AAFP - 13.25 hours ENA - 14.5 hours

TX-DSHS-EMS - 16.0 hours IACET - 1.6 CEU

NEW THREATS AND INNOVATIVE SOLUTIONS: HOW COMMUNITIES ADDRESS AN EVOLVING LANDSCAPE OF RISK

Human and natural threats are as varied as the communities represented at the National Homeland Security Conference. The current threat environment must be met with constant innovation in preparedness, and we must continually assess capabilities in order to better prepare the Nation. At the same time, funding realities mean that we must be able to demonstrate clear links between preparedness grant funding and outcomes. This panel presentation will share innovative practices funded by FEMA's Homeland Security Grant Program and designed and implemented by grantees. The goals of the presentation will allow communities to learn from each other's successes and to explore possible, future innovative practices. Panelists representing jurisdictions will present specific examples of investments that resulted in innovative solutions to new challenges, and FEMA will present outcome trends gleaned from multiple preparedness grant evaluations.

Panel topics will include:

- Providing ballistic protection to fire and emergency medical services personnel to allow them to respond in active human-threat zones;
- Combining traditional policing with cutting-edge intelligence analysis to identify possible threats;
- Creating all-hazards incident management teams to support emergency responders and community emergency managers.

TALES FROM THE DARK WEB, Panel Discussion

Details to follow.

BEST PRACTICES ESTABLISHED DURING COVID-19 RESPONSE – BENCHMARKING WITH PEER HEALTHCARE AND EMERGENCY MANAGEMENT PROFESSIONALS – PART I

Details to follow.

PREPAREDNESS GRANTS MEET UP FOR STATE ADMINISTRATIVE AGENCIES REPRESENTATIVES , Benchmarking Opportunity

The presentation will actually be a discussion among representatives of the FEMA Preparedness Grants State Administrative Agencies (SAA's). FEMA hosts a town hall each year at the NHSC to discuss topics and provide information from the federal government perspective related to the FEMA Preparedness Grant Programs. The meeting request that is being submitted today would be for representatives from SAA 's to have a discussion among their fellow SAA colleagues in order to meet, discuss best practices, and form a working group that will facilitate further colleague discussion, and assist new colleagues. The basic format is to identify an experienced colleague for each of the FEMA Preparedness Grant Programs as a subject matter expert, which could facilitate discussion, or answer questions for their program of expertise. The request for this session should take place hopefully prior to the FEMA Town Hall so that SAA 's can assist other

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colleagues with items related to state administration that don't involve matters related to FEMA. Hopefully this session will allow the FEMA town hall to be more focused on those strictly federal government to SAA related matters.

Course Objectives

1. Meet fellow colleagues through ought the states and territories who administer FEMA Preparedness Grants at State Administrative Agencies.
2. Discuss issues and best practices by other states and territories for administering FEMA Preparedness Grants across programs.
3. Develop a working group among states and territories colleagues in order to assist new SAA employees in the future, and facilitate further discussion related to how SAA's administer FEMA Preparedness Grants programs.

UNMANNED SYSTEMS AND TERRORISM

Course Description

The Unmanned Aerial Systems (UAS or drones) and Terrorism case study provides an overview of the emerging trend of UAS used to aid in or carry out terrorist attacks. This case study contains information including defining and categorizing UAS, understanding the capabilities of UAS, historical and potential uses of UAS, weaponization of UAS, Islamic State use of UAS, demonstration on UAS payload delivery, and existing and continued development of UAS countermeasures. New Mexico Tech (NMT) has compiled information from open sources to create this comprehensive case study.

Course Objectives

This is an awareness-level presentation and no testable learning objectives are associated with this content.

WESTERN REGIONAL ALLIANCE FOR PEDIATRIC EMERGENCY MANAGEMENT (WRAP-EM) CENTER OF EXCELLENCE PILOT TESTED DURING THE COVID-19 PANDEMIC

The U.S. Department of Health & Human Services (HHS) awarded the Western Regional Alliance for Pediatric Emergency Management (WRAP-EM), led by a team at UCSF Benioff Children's Hospitals, one of two grants to develop a Pediatric Disaster Care Center of Excellence (COE) in October 2019. WRAP-EM includes organizations and pediatric disaster expertise spanning six states: Washington, Oregon, California, Nevada, Utah and Arizona, representing over 14 million children. The goal of WRAP-EM is to develop a coordinated, collaborative, and sustainable regional pediatric disaster preparedness and response capability that effectively matches resources to needs and allows the entire region to effectively respond during large scale pediatric mass casualty events. WRAP-EM has developed a useful toolbox of accessible, replicable resources to enhance pediatric emergency preparedness and response for all hazards. This presentation will describe the 13 focus groups that address the full range of pediatric disaster preparedness, the collaborative platform that facilitates regional engagement, information sharing, best practice development and outreach. WRAP-EM has developed collaborative best practices in pediatric disaster management. Presenters will highlight WRAP-EMs ability to "pivot" to real-time pandemic response through innovative, replicable resource utilization that can be applied to all hazards in the future.

Learning Objectives:

1. Participants will gain understanding of the purpose of regional centers of excellence for pediatric emergency preparedness and response.



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2. Participants will learn about replicable tools and resources developed to enhance pediatric emergency preparedness and response capabilities.
3. Participants will be able to identify lessons learned and best practices in pandemic preparedness and response which benefit both pediatric and non-pediatric health care facilities.

THE POWER OF PARTNERSHIPS: A REGIONAL APPROACH TO RESPONDING TO THE COVID-19 PANDEMIC

Existing partnerships are key when responding to any emergency. During the response to the COVID-19 pandemic, leveraging existing relationships within the region was critical in the success of the Southern Nevada Health District's response to the worst global public health crisis since 1918. With a strictly tourism-based economy where the famous Las Vegas "Strip" is the lifeblood of the state, the southern Nevada region and the state as a whole, has seen many challenges in trying to keep our economy moving while also tackling issues such as social distancing mandates, large-scale COVID testing, large-scale vaccination efforts as well as how do we manage a guest who becomes ill with COVID-19 during their stay. This presentation co-presented by the Southern Nevada Health District and the Clark County Office of Emergency Management will identify best practices and lessons learned during the COVID-19 response in southern Nevada.

Learning Objectives:

1. Participants will be able to identify how partnerships have been successful in managing the response to a global pandemic.
2. Participants will understand the key issues that are unique to Las Vegas and the southern Nevada region as a whole.
3. Participants will be able to bring back best practices to their jurisdictions that will be helpful for responding to any emergency.

UNIVERSITY MEDICAL CENTER OF SOUTHERN NEVADA DEMONSTRATES INNOVATIVE LEADERSHIP, COLLABORATION, AND COMMUNITY ENGAGEMENT IN PANDEMIC RESPONSE

University Medical Center of Southern Nevada (UMC), a Clark County non-profit hospital, is the only Level 1 trauma center, only burn care center and the only transplant center in the state of Nevada. UMC's trauma center was instrumental in saving hundreds of lives after the 2017 Las Vegas mass shooting. UMC leadership is demonstrated in the areas of trauma, burns, and transplant services carries over into emergency preparedness and disaster response for all hazards, including pandemics. UMC will discuss its leadership role in overall COVID-19 pandemic response, including patient care and the establishment of community testing sites and vaccine clinics. UMC's presentation will identify strengths and lessons learned from the response and highlight the value of collaboration in preparedness, during response and recovery. Examples of preparedness and response leadership, and collaboration including: community education and forums for hospitals/agencies/organizations; establishment of fixed and "pop-up" testing sites and vaccine clinics; daily collection and reporting of COVID-19 statistics to partner agencies; and hospital infectious disease preparedness (i.e. planning, training, and exercises.) UMC has been instrumental in working with partner agencies and other hospitals in the region to develop a plan for and exercise first-ever mass alternate care sites for COVID-19 pandemic response.



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Learning Objectives:

1. Participants will identify actions that hospitals can take to ensure effective disaster preparedness, response and recovery, including pandemics.
2. Participants will learn strategies for effective collaboration and engagement with public, private, and non-profit sector partners.
3. Participants will identify strengths and best practices in hospital operations during a pandemic disaster.

2022 THIRA/SPR METHODOLOGY UPDATE WORKSHOP

The FEMA National Preparedness Assessment Division will be conducting a workshop for all Homeland Security Preparedness Grant (HSGP) and Tribal Homeland Security Grant Program (THSGP) recipients to discuss recent updates to the 2022 THIRA/SPR methodology. Presenters will also describe how the data from the THIRA/SPR assessments is being used to assess national risks and capabilities and how this information will be used in the future. During this workshop, attendees will be able to ask questions about the new THIRA/SPR process and discuss how grantees can use the results to develop Investment Justifications (IJs) and support other preparedness efforts, including planning, training, and exercises.

HUMAN TRAFFICKING: A WORLD-WIDE EPIDEMIC SPREADING IN YOUR COMMUNITY, Panel Discussion

This panel discussion provides an in-depth view of human trafficking and what people can do to help combat the fastest growing criminal industry in the world. This presentation will help educate people on how to recognize transnational criminal organizations, human traffickers and victims of trafficking. Through statistics, patterns, trends, myths and victim stories participants will learn how to respond through evidence-based, trauma informed care, report human trafficking, and help trafficking victims reclaim their lives. With over 50 years of collective experience, these panelists truly bring to light the horrible truths of human trafficking, happening in YOUR community.

STRATEGIC OVERVIEW OF DISASTER MANAGEMENT FOR WATER AND WASTEWATER UTILITIES (MGT-342)

The National Infrastructure Protection Plan identified water and wastewater (WWW) systems as critical infrastructure (CI). These systems are critical to the communities' public health and economic development. The interdependencies between WWW, other CI sectors, and emergency management require a common understanding by jurisdiction stakeholders of water sector impacts. This overview course provides an opportunity to work together to improve community resiliency.

We will introduce frameworks for WWW disaster management including portions of the Environmental Protection Agency's Response Protocol Toolbox. Participants will examine case studies and will have the opportunity to identify planning factors in response to a catastrophic event.

Individuals seeking more in-depth Water sector Disaster Management training should consider the 16 hour Disaster Management for Water and Wastewater Utilities MGT-343.

Topics

- Water and Wastewater System Vulnerability, Response and Recovery Processes

- Threats to Water and Wastewater Utilities
- Preparing for and Responding to Disasters Affecting Water and Wastewater Utilities

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Prerequisites

FEMA / SID Number

Students must register and bring a copy of their SID number to class. Register online:

cdp.dhs.gov/femasid

Recommendations

- IS-100, IS-200, IS-700 and IS-800

The courses can be found online at: <http://training.fema.gov/IS/NIMS.asp>

- Participants
- Emergency Management
- Public Works Management
- Utility Management
- Power Providers
- Health Care and Hospital Management
- Water Authorities
- City and County Elected Officials

- City and County Emergency Managers
- Senior Emergency Response Personnel
- Water and Wastewater Utility Board Members, Operators and Field Personnel
- Lab Personnel, Inspectors, Engineers
- Senior Regulatory Officials
- Tribal Council Members

N18.9919.07

Course Length

One Half Day (4 hours)

Venue

Jurisdiction

Class Size

28-35 Participants

CE Credits

IACET – .4 CEUs

COVID, CARES, CASH: A COVID-19 Financial Recovery Workshop

Purpose: COVID-19 has decimated state and local government finances. From FEMA Public Assistance, the CARES Act, to the American Rescue Plan, there are overlapping funding streams supporting COVID-19 response and recovery. There are varying eligibility, documentation and reporting requirements that often overlap. This workshop will explore lessons learned from the pandemic fiscal response, present common funding challenges and solutions, and facilitate discussion on best practices.

Learning Objectives:

1. Give an overview of COVID-19 funding streams and eligibility, documentation and reporting requirements
2. Provide example scenarios of response activities and facilitate group discussion on potential funding solutions
3. Have attendees share from their personal experiences on how they managed these funds

NY/NJ BOMBING 2016

On September 17, 2016 an explosion occurred in Seaside Park, New Jersey. This was followed by a separate explosion in the Chelsea neighborhood of New York City that evening. What followed was a short but intense investigation which linked these two events and pointed to a single suspect, Ahmad Khan Rahimi. His apprehension occurred on September 19, 2016 after a shootout with law enforcement. This case study describes the events which took place on these dates and follows the investigation through to its conclusion with a special emphasis on the Improvised Explosive Devices (IEDs) utilized.

Terminal Learning Objective (TLO)

Identify the events which took place before, during, and after the series of bombings in New York and New Jersey on September 17-19, 2016.



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COUNTER UNMANNED AIRCRAFT SYSTEMS

Unmanned Aircraft Systems (UAS) represent the next wave of innovation in aviation. While these systems have been used extensively in overseas military operations for decades, the technology is relatively new to hobbyists and for commercial applications. UAS are beginning to fly in unprecedented numbers in the U.S. airspace. Most users of UAS technology today are recreational hobbyists, commercial entities or public use aircraft operators who conduct flights within published guidelines and regulations. However, there are some who operate negligently, and worst yet, there are those who intentionally use UAS for malicious and nefarious purposes. Negligent hobbyist UAS operators have disrupted first responder operations such as wildfire suppression and search and rescue efforts, while criminal organizations are using UAS to smuggle contraband into restricted areas like prisons, and to conduct illicit or illegal surveillance at our borders and high-value infrastructure. Overseas, terrorists have used UAS with success to drop bombs on allied troops.

Recently, the Department of Defense (DoD) issued an Urgent Needs Statement (UNS) to its military systems commands to rapidly develop Counter UAS (CUAS) technologies. However, technology alone isn't the answer. To properly counter this new threat, emergency and first responder personnel need to understand the methods being used by the various operators and respond with the appropriate tactics, techniques and procedures (TTPs) to counter them.

Success in countering this threat is linked to the elements, concepts, and principles of core CUAS activities: Detect, Identify, Track, Assess, Mitigate and Respond. Successful CUAS responses will be predicated on the knowledge, understanding, proficiency, and appropriate TTPs used by state/local Homeland Security personnel, Office of Emergency Management personnel, and first responders. These individuals must be adequately trained and equipped to ensure their ability to effectively respond to the hazards and dangers of UAS posed by unintentional, negligent, and/or malicious use.

Terminal Learning Objectives (TLOs)

1. Recognize Unmanned Aircraft Systems (UAS) uses and components.
2. Recognize the threat posed by the criminal and terrorist use of commercially available Unmanned Aircraft Systems (UAS) technology.
3. Identify Counter-Unmanned Aircraft Systems (CUAS) tactics available to emergency first responders.
4. Recognize regulations, laws, and policies pertaining to the use of Unmanned Aircraft Systems (UAS).

Target Audience

- State and local first responders
- Law enforcement
- Fire service
- Emergency response personnel
- Prerequisites
- United States citizenship.

BEST PRACTICES ESTABLISHED DURING COVID-19 RESPONSE – BENCHMARKING WITH PEER HEALTHCARE AND EMERGENCY MANAGEMENT PROFESSIONALS – PART II

Details to follow.

RECENT EVENT – IN-DEPTH DISCUSSION

Details to follow.



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PREVENTION OF AND RESPONSE TO SUICIDE BOMBING INCIDENTS

The Prevention of and Response to Suicide Bombing Incidents is a mobile course which provides emergency first responders with the skills to prevent and respond to suicide bombing incidents. Emergency first responders are presented with information on how to prevent, deter, and mitigate the effects of a suicide bomber along with active suicide bomber and post-blast response strategies. Throughout this course, emergency first responders discuss the Nine Phases of a Bombing Attack, to understand the steps a suicide bomber follows to conduct their attack; understanding these steps is critical to the successful prevention of a suicide bombing attack.

Terminal Learning Objectives

1. Identify the threat posed by suicide terrorists to U.S. communities.
2. Recognize the materials associated with Suicide Bomber Improvised Explosive Devices (SBIEDs), recognize SBIED delivery methods, and recognize and mitigate associated hazards.
3. Identify suicide bombing attack methods of operation; explain how intelligence and community situational awareness programs combine to support the prevention, deterrence, and interdiction of SBIED attacks; and discuss risk management and countermeasure options for preventing a suicide bombing attack.
4. Identify behavioral and appearance indicators for a possible person borne suicide bomber and understand what options are available to include using force during a close proximity attack.

Target Audience

This course is designed for law enforcement officers, firefighters, emergency medical personnel, and others who prepare for, or direct the response to, terrorist incidents involving suicide bombing attacks in their communities.

Prerequisites

- United States Citizenship
- Sufficient tenure remaining in their current or future position to allow for the application of course material upon their return.

UNDERSTANDING AND PLANNING FOR SCHOOL BOMBING INCIDENTS

The Understanding and Planning for School Bombing Incidents, Mobile course is an awareness-level course which provides emergency first responders and school staff with the skills needed to plan and respond to school bomb threats and bombing incidents through lectures and exercises. Participants in this course are presented with methodologies to assess bomb threats, recognize items as suspicious, identify Improvised Explosive Device (IED) components, and implement pre- and post-detonation response actions. This course concludes with a classroom exercise designed to discuss the concepts presented in the course and the importance of interdisciplinary communication and collaboration between emergency first responder agencies and school administration and staff.

Terminal Learning Objectives (TLO)

- Identify critical issues that first responders and schools in each community need to consider in order to assess the validity of a bomb threat or suspicious item.
- Identify safe pre-detonation response actions and considerations at a school bombing incident.
- Identify safe post-detonation response actions and considerations at a school bombing incident.
- Conduct a bomb threat assessment and list response actions.

Target Audience

This course is designed for emergency first responders of all disciplines who may respond to school bomb threats or bombings in their jurisdiction and school administration and all staff levels.



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Prerequisites

- U.S. citizenship or lawful permanent resident status.