# NHSC2021

## Welcome Letters

## Col. Robert E. Williams Leadership Award

## 2021 NHSA Scholarship Award Recipients

## Conference Mobile App (iOS and Android)

## Social Media Use and Hashtags

## Sponsors

## Conference Maps

## Agenda (Summary)

## Opening and General Session Speakers

## Session 1 Details

## Session 2 Details

## Session 3 Details

## Session 4 Details

## Session 5 Details

## Session 6 Details

## Session 7 Details

## Session 8 Details

## Best of Show

## Track Lead Information

## Exhibitors

## Exhibitor Hall Map

## 2021 National Homeland Security Conference Host Social

## Thank You, Clark County & Las Vegas
Welcome!

On behalf of the National Homeland Security Association Board and our host, Clark County and the Las Vegas Urban Area, we would like to welcome you to the 14th annual National Homeland Security Conference. We’re so glad you’re here with us in Las Vegas for what promises to be our most informative and educational conference yet. We’ve packed all three days with amazing trainings, exciting and informative general sessions, thought-provoking breakout sessions, and the chance to make connections, build partnerships, and share best practices with amazing people from all over this great country.

The National Homeland Security Association Board is proud of the program we prepared for you this year, from workshops and tours to dynamic keynote speakers and breakout sessions. This conference would not be possible without the participation of our exhibitors and generosity of our sponsors. Please take time to visit all the booths and tap into their knowledge — you will be glad you did!

Protecting our American way of life is a heavy lift, and for us to have the opportunity to rekindle old friendships or sow new ones, brush the dust off after a crazy year, see firsthand the latest technologies that will make our mission easier and safer, or learn from one another’s experiences, both good and bad, makes us stronger and more prepared as a nation.

Jonathan Schultz, Board President
Dear Colleagues, Partners, and Valued Sponsors

As the Urban Area Administrator, Emergency Manager for Clark County, and a Deputy Fire Chief for Clark County Fire, it is my pleasure and honor to welcome you to Southern Nevada for the National Homeland Security Conference. There will be plenty of opportunities for learning, networking, and enjoying some of the entertainment Las Vegas has to offer. Clark County Office of Emergency Management (CCOEM), in collaboration with the Las Vegas Metropolitan Police Department, City of Las Vegas, North Las Vegas, Henderson, Mesquite and Boulder City have worked to host a conference that will be both educational and pleasurable with the hope that when it is over, you look back over the last four days and say, "THAT WAS AMAZING".

Here in the Las Vegas Valley, there has been an effort by all the area fire departments, law enforcement, and security staffs to provide for public safety in an all-encompassing and collaborative manner. Clark County works closely with all the jurisdictions and agencies by participating in; the Local Emergency Planning Committee (LEPC), Urban Area Working Group (UAWG), Urban Area Security Initiative Program(UASI), Nevada Resilience Advisory Committee (NRAC), the Southern Nevada Counter Terrorism Center, Major City Chiefs, Major County Sheriffs, Leaders in Counter Terrorism (LinCT), National Counter Terrorism Center (NCTC), National Operation Center (NOC), Nevada Commission on Homeland Security, Joint Terrorism Task Force with FBI (JTTF), High Intensity Drug Trafficking Area's (HDTA) and various boards composed of the area's Security Chiefs that protect some of the world's most recognizable properties.

The last 18 months have been extremely difficult to navigate. The "do this", "don't do that", "change this" and chase that moving target has affected many people and communities. Clark County is no different. By having this conference here in Southern Nevada, it depicts the resilience and tenacity of this community. Thank you for attending and showing your faith in our valley. If we can assist you in any way, please do not hesitate to ask.

Respectfully,

Billy Samuels
Deputy Fire Chief, Emergency Manager
In February of 2015, Greg Mason was appointed the Program Administrator of the Atlanta Urban Area Security Initiative (UASI) and Senior Group Manager for the Atlanta Regional Commission’s Homeland Security and Recovery Division on behalf of the City of Atlanta and the counties of Clayton, Cobb, DeKalb, Fulton, and Gwinnett.

Under Greg’s leadership, the Atlanta UASI has fostered a comprehensive, integrated, and regional approach to homeland security by executing a set of capability-building priorities and projects that are established by the members of our response community. He is a member of the Business Executives of National Security (BENS), the Atlanta Metropol, Inc., and board member for the annual Law Enforcement Business Continuity Summit. Prior to his appointment, in 2014 Greg briefly served as the UASI Director for the Georgia Emergency Management & Homeland Security Agency (GEMA-HS) where he provided executive oversight and the primary liaison between GEMA-HS’s Homeland Security Division and the metro Atlanta UASI until January 2015.

Beginning in May of 2013, Greg worked internationally as a guest lecturer on behalf of the University of Georgia’s Carl Vinson Institute of Government, and as a principal of a consulting business that provides project management, leadership training and business development services.

Greg also has 30 years of state government experience in public finance and grant administration where he provided policy advice, developed strategic partnerships, and built productive work teams service for a multi-billion environmental finance agency.

Greg holds a M.A. in Leadership from Shorter University, Atlanta, GA, and B.A. in Criminal Justice from Morris Brown College, Atlanta, GA. He recently celebrated 32 happy marital years to Jackie Mason and has two adult children, David (29) and Moriah (25).
Students, not unlike career professionals, make everlasting and impactful contributions to the homeland security field. The Homeland Security Student of the Year Awards will recognize the diligent and tireless work of two students in a homeland security program. The 2021 Homeland Security Students of the Year are Skye Dunfield and Peter Mercado.

Skye Dunfield

Skye Dunfield was born in Lacombe Canada and moved around North America often in her early life. This past May, she graduated top of her class with her bachelor’s in criminal justice from UNLV. She has worked both in researching crowd violence and Nevada’s response to COVID-19 and currently helps support a crime scene simulation class. She now attends UNLV as a master’s student in the Emergency and Crisis Management program and works in the Greenspun College of Urban Affairs. Her goal is to pursue a career in emergency preparedness and mitigation, specifically working with special populations. Skye hopes to use her own experiences with her blindness to guide her in planning for those with access and functional needs. In her free time, Skye also advocates for local nonprofits around the Las Vegas community and works with special populations in her city.
Peter Mercado was born in Los Angeles, California and moved to Las Vegas, Nevada with his family about 12 years ago. Peter just recently completed his Bachelor of Arts in Criminal Justice at the beginning of August and has returned to pursue his Master’s of Science in Emergency Crisis Management.

A majority of his research has been heavily based around organized retail crime, as he has held various management positions within multiple different retailers revolving around Asset Protection. His ultimate goal is to transition over to the state department to become a foreign diplomat. In his free time, Peter has a miniature zoo comprising of multiple amphibians, reptiles, invertebrates, and a dog. He is also an avid gamer.
Download the Official Conference Mobile App

- Up to Date Agenda
- Customizable Schedule
- Detailed Track Information
  - Speaker Bios
  - Conference Surveys

Search “Homeland Security Conference” in the App Stores!
SOCIAL MEDIA USE AND HASHTAGS  #NHSC2021

You are encouraged to extensively use social media during the conference, except as noted below.

**OFFICIAL HANDLES**

@NationalUASI  facebook.com/NationalUASI  National Homeland Security Association

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**HASHTAGS IN USE:**

<table>
<thead>
<tr>
<th>Social Media Hashtag</th>
<th>Topic</th>
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<tbody>
<tr>
<td>#NHSC2021</td>
<td>2021 NATIONAL HOMELAND SECURITY CONFERENCE</td>
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<tr>
<td>#NHSCLV</td>
<td>LAS VEGAS NATIONAL HOMELAND SECURITY</td>
</tr>
<tr>
<td>#NHSCCombattingExtremism</td>
<td>COMBATING DOMESTIC VIOLENT EXTREMISM</td>
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<td>#NHSCCounterterrorism</td>
<td>COUNTERTERRORISM</td>
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<tr>
<td>#NHSCCybersecurity</td>
<td>CYBERSECURITY</td>
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<tr>
<td>#NHSCTrainingandExerciseSharing</td>
<td>ENHANCING INFORMATION AND INTELLIGENCE SHARING</td>
</tr>
<tr>
<td>#NHSCGrants</td>
<td>GRANTS, POLICY, PERSONNEL, AND PROGRAM MANAGEMENT</td>
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<tr>
<td>#NHSCLessonsLearned</td>
<td>LESSONS LEARNED FROM RECENT EVENTS</td>
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<td>#NHSCPPlanning</td>
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<td>#NHCTrainingExercise</td>
<td>TRAINING AND EXERCISE</td>
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<td>#NHSCNationalExercise</td>
<td>NATIONAL EXERCISE PROGRAM</td>
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</table>

**ATTENTION** Some presenters work in sensitive homeland security positions. Photographing them or their presentation may pose a security vulnerability. If the presenter asks for no photography during their presentation, please follow their request. As a general rule, photography is not allowed during the Counterterrorism track.
This conference would not be possible without the greatly appreciated contributions from our sponsors.

EY
Building a better working world

Authorized Distributor
3M
Scott Fire & Safety
HOST SPONSORS
SPECIAL THANKS TO THE HOST HOTEL
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Insurance & Federal Claims Services

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- Scalable approach
- End-to-end solution
- Cash advance protocols
- Maintain relationships
- Business interruption
- Property damage
- Contingent business interruption

- FEMA Public Assistance Grants
- HUD CDBG-DR
- Supply chain
- Cyber
- Special event
- Product recall
- Crime and fidelity
Arbill is proud to be a trusted supplier for all components of the Department of Homeland Security providing the necessary N95s and other PPE to help keep government service workers safe throughout these unprecedented times. We look forward to our continued support of the Department of Homeland Security.
2021 National Homeland Security Conference
Conference Agenda

**ROOM DIRECTORY**

- Registration .......................................................... Conference Center Premier Ballroom – Foyer North Hall
- Opening Ceremonies/General Sessions/Lunch .......................................................... Chairman’s Ballroom
- Combating Domestic Violent Extremism (Sessions 1 thru 8) .................................................. 261-262
- Counterterrorism (Sessions 1, 2, 4 & 6) .................................................................... 263-264
- Cybersecurity (Sessions 1, 2, 4, 6 & 7) .................................................................... 252-253
- Enhancing Information and Intelligence Sharing (Sessions 1 thru 6) ................................................. 351-352
- Grants, Policy, Personnel, and Program Management ....................................................... 250-251
- Lessons Learned From Recent Events ........................................................................ 254-255
- Planning (Sessions 1 thru 4) .................................................................................. 319
- Planning (Sessions 5 thru 8) .................................................................................. 320
- Public Health (Sessions 1 thru 4) ............................................................................. 369-370
- Public Health (Sessions 5 thru 8) ............................................................................. 320
- Training & Exercise (Sessions 1 thru 4) .......................................................... 318
- Training & Exercise (Sessions 5 thru 8) ..................................................................... 353-354
- National Exercise Program (Sessions 2 & 4) ........................................................ 350
- Exhibitor Presentation Paid Programming ........................................................................ 350
- IAEM AEM/CEM Exam (Friday) (Monday) .................................................................... 350
- New Mexico Tech Trainings) ....................................................................................... See Agenda
- FEMA - NPAD – THIRA/SPR Workshop (Monday) .................................................. 319
- POC Meeting (Invitation Only) ............................................................................... 251-254

**MEETING SPACE LAYOUT**

![Meeting Space Layout Diagram]
National Homeland Security Conference
August 31 - September 2, 2021
MGM Grand - Premier Ballroom 309-317 - Level 3
Las Vegas, NV

Shepard Exposition Services has made every effort to ensure the accuracy of all information contained on this floor plan. However, no warranties, either expressed or implied, are made with respect to this floor plan. Verifying the locations of building columns, utilities, or other architectural components of the facility is the sole responsibility of the exhibitor/show management.

SUBJECT TO FIRE MARSHAL APPROVAL
Let the Las Vegas Monorail take you to where entertainment is king—the MGM Grand takes the food and fun or Las Vegas seriously. From the biggest international DJs to celebrity chefs, the MGM Grand is one bet you can count on. Don’t forget to check out their impressive line-up of upcoming events.

Walking Directions to MGM Grand Monorail Station

TO STATION ENTRANCE

1. From Las Vegas Boulevard, enter MGM Grand Hotel and Casino and head toward the Hotel Lobby.

2. Take escalators beside Bell Desk down to The Underground.

3. Follow Monorail directional signage and take escalators up to fare gates.

*Additional Monorail entrance is located in the MGM “District” near Grand Garden Arena

TRAIN HOURS

Monday: 7 am – 12 midnight
Tuesday: 7 am – 2 am
Wednesday: 7 am – 2 am
Thursday: 7 am – 2 am
Friday: 7 am – 3 am
Saturday: 7 am – 3 am
Sunday: 7 am – 3 am

ADDRESS

MGM Grand Monorail Station
3799 S Las Vegas Blvd
Las Vegas, NV 89109

To Buy Tickets Visit: https://www.lvmonorail.com/stations/mgm-grand
We have resumed our normal operating hours and ticketing options, so you can skip the traffic and get to your destination on the Las Vegas Strip in less than 15 minutes. It’s good to be back!
### 2021 National Homeland Security Conference

#### Conference Agenda

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<thead>
<tr>
<th>NIGHTLIFE</th>
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<th>38</th>
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<tr>
<td>Cambridge</td>
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<td>Level Up</td>
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<td>Lobby Bar</td>
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<td>Leisure Bar</td>
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<tr>
<td>Whiskey Down Lounge &amp; Gaming</td>
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<td>Poker Room</td>
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<td>Spa Fitness Center</td>
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<td>The Barbershop</td>
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<td>Wet Republic</td>
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### Shopping

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<th>America Grill</th>
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<td>Beauty Shop</td>
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<td>Casino Express</td>
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<td>Essentials</td>
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<td>Grand &amp; Co.</td>
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<td>Grand Express</td>
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<td>Grand Sports</td>
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<td>KA Boutique</td>
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<td>Las Vegas Harley-Davidson</td>
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<td>MGM Express</td>
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<td>MGM Market</td>
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<td>Mimos</td>
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<td>Nectar</td>
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<td>Pandani</td>
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<td>Paradise</td>
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<td>QuikTrip</td>
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<td>Rocks for Jewels</td>
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<td>Syphr &amp; Co.</td>
<td>74</td>
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<tr>
<td>Stylish Shop</td>
<td>69</td>
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<tr>
<td>Welcome to Las Vegas</td>
<td>75</td>
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</tbody>
</table>

### Map of MGM Grand

- **West Wing Entrance**
- **West Wing Elevators**
- **West Wing Rooms 150-1438**
- **Casino**
- **Grand Tower Elevators**
- **Stay Well Lounge**
- **TopGolf Lounge**
- **FedEx Office Business Services**
- **Main Lobby Entrance**
- **Valet Parking**
- **The Central**
- **T-Mobile Arena**
- **Las Vegas Strip**
- **New York-New York Bridge**
- **Tropican Bridge**
- **Restaurant & Club**
- **The Underground**

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**2021 National Homeland Security Conference**

**Conference Agenda**
Amenities
- Business Center
- Concierge

Dining & Shopping
- Gift Shop

Meeting Spaces
- Boardrooms
- Meeting Room A
- Meeting Room B
- Meeting Room C
- Meeting Room D

Rideshare
Available at Tower 1 Porte-Cochère
Welcome!

On behalf of the National Homeland Security Association Board and our host, Clark County and the Las Vegas Urban Area, we would like to welcome you to the 14th annual National Homeland Security Conference. We’re so glad you’re here with us in Las Vegas for what promises to be our most informative and educational conference yet. We’ve packed all four days with amazing trainings, exciting and informative general sessions, thought-provoking break-out sessions, and the chance to make connections, build partnerships, and share best practices with amazing people from all over this great country.

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Jonathan Schultz, Board President
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 cybersecurity, 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:

Ernst & Young

Silver Sponsor:

Bronze Sponsor: Arbill
Host Sponsors:
“Las Vegas is open for business. Together with our health leaders and resort and tourism partners, we’re doing everything we can to safely welcome trade shows and meetings back to our destination. We remain optimistic that getting more people vaccinated in our community in conjunction with our current mask mandate will allow us to keep our workforce, community and visitors safe and our tourism economy moving forward as we continue with efforts to put the pandemic behind us. “

- Clark County Commission Chairman Marilyn Kirkpatrick
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Room</th>
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</thead>
<tbody>
<tr>
<td><strong>MONDAY, AUGUST 30, 2021</strong></td>
<td>REGISTRATION REQUIRED FOR ALL MONDAY ACTIVITIES</td>
<td></td>
</tr>
<tr>
<td>0700 – 1700</td>
<td>Registration Open – Conference Center Level 3 – Premier Ballroom - Foyer</td>
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<tr>
<td>0800 – 1030</td>
<td><strong>TOUR 1 - Spring Preserve</strong> – <em>(see description on page 17)</em></td>
<td>RTC Bus Stop (see pages 32-34)</td>
</tr>
<tr>
<td></td>
<td>• Minimum Participants: 20</td>
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<tr>
<td></td>
<td>• Maximum Participants per tour: 50</td>
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<td></td>
<td>• (half hour travel time each direction included)</td>
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<tr>
<td>0800 – 1200</td>
<td><strong>Unmanned Aircraft Systems Program Development (UASPD), Overview</strong> – New Mexico Tech. <em>Note: Minimum class size has been met</em></td>
<td>263-264</td>
</tr>
<tr>
<td>0800 – 1300</td>
<td><strong>Senior Officials Workshop for All-Hazards Preparedness, MGT-312</strong> – Texas A&amp;M Engineering (TEEX); instructed by Barry Graham and Don Ogden <em>(full)</em></td>
<td>318</td>
</tr>
<tr>
<td>0800 – 1300</td>
<td><strong>AEM/CEM Certification Preparatory Course</strong> (Registration for this class is with IAEM directly, not NHSA; register at: <a href="https://www.iaem.org/cvweb/cgi-bin/eventsdll.dll/EventInfo?sessionaltcd=AUG3021PREP">https://www.iaem.org/cvweb/cgi-bin/eventsdll.dll/EventInfo?sessionaltcd=AUG3021PREP</a>)</td>
<td>351-352</td>
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<tr>
<td>0800 – 1700</td>
<td><strong>Initial Law Enforcement Response to Suicide Bombing Attacks</strong> – New Mexico Tech.</td>
<td>254-255</td>
</tr>
<tr>
<td>0800 – 1700</td>
<td><strong>Counter Unmanned Aircraft Systems</strong> – New Mexico Tech</td>
<td>252-253</td>
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<tr>
<td></td>
<td><em>Note: This is an 8-hour course with a one-hour break for lunch on your own. Minimum class size has been met</em></td>
<td></td>
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<tr>
<td>0830 – 1100</td>
<td><strong>TOUR 2 – MGM Resorts International – Back of the House Security Tour at Aria Resort &amp; Casino</strong> – <em>(see description on page 19)</em></td>
<td>MGM Grand Main Entrance (see pages 32-34)</td>
</tr>
<tr>
<td></td>
<td>• Minimum Participants: 10</td>
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<td></td>
<td>• Maximum Participants per tour: 20 <em>(full)</em></td>
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<tr>
<td></td>
<td>• (half hour travel time each direction included)</td>
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<tr>
<td>0900 – 1030</td>
<td><strong>“After-Action Reviews and Reports: Community - Tips on Creation and Implementation of Lessons Learned”</strong>, Panel Discussion – Moderator: David Konnty, with Mike Icardi, Allison Belcher, John Steinbeck, and Randy Meschell</td>
<td>250-251</td>
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<tr>
<td></td>
<td><strong>“Planning for COVID-19”</strong>, with Michael McClendon, Rebecca Glen, and Dr. Todd Nicolson, Ed.D. (HCAL)</td>
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<tr>
<td>Time</td>
<td>Event</td>
<td>Room</td>
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<tr>
<td>1000 – 1200</td>
<td>Turn to the (Cyber) Dark Side, Panel Discussion - This panel discussion – facilitated by Cyber Track lead Dawn Thomas - will walk the audience through everyone’s worst nightmare – a cyberattack on your city and/or its critical infrastructure. The discussion will start with victims of cyberattacks telling their stories, including representatives from Pensacola, FL and a former private sector cybersecurity company. The discussion will then move towards ways to prevent attacks, including how Law Enforcement and private sector are joining the fight. We then turn to a cold, hard reality – attacks still happen and many more will be successful. As such, we hear about response best practices and the emergency management approach to managing the cascading effects of cyber-attacks. We will finish with a brief discussion about how an “all hazards” approach to cybersecurity continuity planning may fall short. With Dr. Lance Larson, Stephanie Cassidy, and Tom Welch.</td>
<td>320</td>
</tr>
<tr>
<td>1200 – 1300</td>
<td>Lunch on your own</td>
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</tr>
<tr>
<td>1300 – 1500</td>
<td>TOUR 3 – The Boring Company – Las Vegas Convention Center – <em>(see description on page 21)</em></td>
<td>Take Monorail, Refer to link and page 32</td>
</tr>
<tr>
<td></td>
<td>• Minimum Participants: 10</td>
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<tr>
<td></td>
<td>• Maximum Participants per tour: 20 <em>(full)</em></td>
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<td>• <a href="https://www.lvmonorail.com/stations/mgm-grand/">https://www.lvmonorail.com/stations/mgm-grand/</a></td>
<td></td>
</tr>
<tr>
<td>1300 – 1430</td>
<td>Unmanned Systems and Terrorism – New Mexico Tech <em>Minimum class size has been met</em></td>
<td>263-264</td>
</tr>
<tr>
<td>1300 – 1600</td>
<td>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 – Moderator – Patrick Campion - “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; Irene Navis, and Milissa Chanice “The Power of Partnerships: A Regional Approach to Responding to the COVID-19 Pandemic”, with Karen Donnahie, 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</td>
<td>261-262</td>
</tr>
<tr>
<td>1300 – 1600</td>
<td>2022 THIRA/SPR Methodology Update Workshop – FEMA Community Risk and Capability Assessment Section, Assessment and Analytics Branch/NPAD, with Rachel Cychosz, Matt Brainovich, and Sarah Farrell</td>
<td>319</td>
</tr>
<tr>
<td>1300 – 1600</td>
<td>Human Trafficking, Recognizing the Tales - Panel Discussion, – Moderator: Mark Silveira, with Tiffany Parker, Agent David Klimek and Rodney W. Daniels</td>
<td>250-251</td>
</tr>
<tr>
<td>1300 – 1700</td>
<td>Strategic Overview of Disaster Management for Water and Wastewater Utilities MGT-342 - Texas A&amp;M Engineering (TEEX); instructed by Jackie Maynard and Stanley States, Ph.D.</td>
<td>318</td>
</tr>
<tr>
<td>1330 – 1530</td>
<td>TOUR 4 – MGM Resorts International – Back of the House Security Tour at Aria Resort &amp; Casino – <em>(see description on page 19)</em></td>
<td>MGM Grand Main Entrance</td>
</tr>
<tr>
<td>Time</td>
<td>Event</td>
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<tr>
<td>1400 – 1600</td>
<td>IAEM AEM/CEM Exam</td>
<td>350</td>
</tr>
<tr>
<td>1400 – 1700</td>
<td>COVID, CARES, CASH: A COVID-19 Financial Recovery Workshop, with Sonia Samee, John Shaw, Amy Short Parmer and Lauren Marteney; Ernst and Young</td>
<td>320</td>
</tr>
<tr>
<td>1500 – 1700</td>
<td>TOUR 5 – The Boring Company – Las Vegas Convention Center – <em>(see description on page 21)</em></td>
<td>Take Monorail, Refer to link and page 32</td>
</tr>
<tr>
<td></td>
<td>• Minimum Participants: 10</td>
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<tr>
<td></td>
<td>• Maximum Participants per tour: 20 <em>(full)</em></td>
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<tr>
<td></td>
<td>• (half hour travel time each direction included)</td>
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<td><em>(see pages 32-34)</em></td>
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</tr>
<tr>
<td>1445 – 1615</td>
<td>NY/NJ Bombing 2016 - New Mexico Tech <em>(full)</em></td>
<td>263-264</td>
</tr>
</tbody>
</table>

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 the presentations you attended. The top five, regardless of track, will be invited to present a second time on Thursday, September 2\textsuperscript{nd}, 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, those not available to present are shown in italics.
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>0730 – 1700</td>
<td>Registration Open – Conference Center Level 3 – Premier Ballroom - Foyer</td>
<td>Chairman’s Ballroom</td>
</tr>
<tr>
<td>0900 – 1000</td>
<td>Opening Ceremonies</td>
<td></td>
</tr>
<tr>
<td>1000 – 1010</td>
<td>Opening Remarks – NHSA President Jonathan Schultz</td>
<td>Chairman’s Ballroom</td>
</tr>
<tr>
<td>1010 – 1045</td>
<td>General Session – Caleb Cage, Vice Chancellor for Workforce Development and Chief Innovation Officer at the Nevada System of Higher Education</td>
<td>Chairman’s Ballroom</td>
</tr>
<tr>
<td>1045 – 1100</td>
<td>Break</td>
<td></td>
</tr>
</tbody>
</table>

**Session 1:** *Note - blue* indicates “Best of Show” candidate, *italics* means they are not

- **Combating Domestic Violent Extremism** – Moderator: David Kontny – “Integrating Threat Management Strategies in Preventing Targeted Violence”, with Adrian Beas
- **Counterterrorism** – Moderator Irene Navis – “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., and Alberto Martinez
- **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
- **Grants, Policy, Personnel, and Program Management** – Moderator: Mark Silveira – “Who’s in Your Dugout?”, with Brent Parker
- **Lessons Learned from Recent Events** - Moderator: Terry Stoltzman – “From Pandemic to Protest, How Louisville KY Survived 2020”, with Edward J. Meiman III
- **Planning** - Moderator: Jennifer Schaal - “Laser Strikes and UAS (Drones): How to Build and Prepare Cases Relative to Interference with an Aircraft”, with Patrick Seaman and Robert M. Sagle
- **Public Health** – Moderator: Elizabeth Dunn – “Partnering with Social Media Platforms on Public Safety Issues”, with Jamie Moore, Mary Wade Burnside, Brittany Irick, MPH, and Joseph Klass, MPH, NRP
- **Training and Exercise** – Moderator: Michelle Carnahan – “US&R Across the Board (/Border); Lessons Learned From the 2019 Operation Unified Response Urban Search and Rescue Joint Task Force Exercise”, with Brian Smith and Jeremy Kaufman
- **Paid Programming - Exhibitor Presentation** – Moderator: Patrick Campion, “Cyber Counter-Drone Concepts for Homeland Security Control & Continuity in Sensitive Environments” by Jeffrey Starr, Chief Marketing Officer, D-Fend Solutions – *see page 27 for description*
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>1330 - 1430</td>
<td><strong>Session 2:</strong> Note - blue indicates “Best of Show” candidate, italics means they are not</td>
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<tr>
<td></td>
<td>• <strong>Combating Domestic Violent Extremism</strong> – Moderator: David Kontny – “Potential Roles for Fusion Centers in Countering Domestic Terrorism”, with Dr. Jeffrey V. Gardner, Cary Underwood and Alberto Martinez</td>
<td>261-262</td>
</tr>
<tr>
<td></td>
<td>• <strong>Counterterrorism</strong> - Moderator: Irene Navis – “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 Todd Baxter and Greg Wildman</td>
<td>263-264</td>
</tr>
<tr>
<td></td>
<td>• <strong>Enhancing Information and Intelligence Sharing</strong> – Moderator: Sheryl Jardine – “Behind the Scenes: Mitigating Campus Threats via Intelligence Analysis”, with Tiffany Murray</td>
<td>351-352</td>
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<tr>
<td></td>
<td>• <strong>Lessons Learned from Recent Events</strong> – Moderator: Terry Stoltzman – “Salt Lake County 2020: Central City in Liberty County...It Can Happen!”, with Clint Mecham and David Schuld</td>
<td>254-255</td>
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<td></td>
<td>• <strong>National Exercise Program</strong> – “Leveraging the National Exercise Program (NEP) to Support Your Exercises”, with Kate Bogan, Jon Bakkedahl from Nevada, and Kevin Wernet from Wisconsin</td>
<td>350</td>
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<td></td>
<td>• <strong>Public Health</strong> – Moderator: Elizabeth Dunn – “Pediatric Outpatient/Urgent-care Emergency and Disaster Planning”, with Michael Frogel MD, FAAP</td>
<td>320</td>
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<td></td>
<td>• <strong>Training and Exercise</strong> – Moderator: Michelle Carnahan – “Connecting the Dots...Improving AAR-IP Process”, with Madison Mattingly</td>
<td>318</td>
</tr>
</tbody>
</table>

<p>| 1430 – 1445 | <strong>Break</strong> |       |</p>
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Room</th>
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</thead>
</table>
| 1445 – 1545 | **Session 3:** *Note* - *blue* indicates “Best of Show” candidate, *italics* means they are not selected.  
  - **Combating Domestic Violent Extremism** – Moderator: David Kontny – “1 October – Four Years Later – Changes in Law Enforcement, Fire, Hospitality and Medical Sectors”, with Cary Underwood  
  - **Enhancing Information and Intelligence Sharing** – Moderator: Sheryl Jardine – “How a Network of Threat Assessment Teams Can Break Down Silos”, with Patricia Kickland  
  - **Lessons Learned from Recent Events** – Moderator: Terry Stoltzman – “Leveraging Circumstances to Enhance Response Capabilities”, with Tiffany Westbrook  
  - **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 Caitlin Flynn  
  - **Training and Exercise** – Moderator: Michelle Carnahan – “The Interagency Modeling and Atmospheric Assessment Center (IMAAC)”, with Ryan Dufour and Jennifer Rosenberger  
  – Disaster Tech – see page 27 for description | 261-262 | 351-352 | 250-251 | 319 | 320 | 318 | 350 |
<p>| 1545 – 1600 | <strong>Break</strong>                                                                                                                                   |      |</p>
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>1600 – 1700</td>
<td>Session 4: Note - blue indicates “Best of Show” candidate, italics means they are not not</td>
<td>261-262</td>
</tr>
<tr>
<td></td>
<td>- Combating Domestic Violent Extremism – Moderator: David Kontny – “Learning from the Past: Key Lessons from America’s First War on Terrorism”. Authors: Dr. Meg K. McBride and Dr. Bill Rosenau; Presented by: Dr. Bill Rosenau</td>
<td>263-264</td>
</tr>
<tr>
<td></td>
<td>- Counterterrorism Moderator: Irene Navis - “A New Approach for Preventing Violence: How Local Prevention Frameworks Can Protect Against Targeted Violence and Terrorism”, with Michael Brown and Dr. Steven Weine</td>
<td>252-253</td>
</tr>
<tr>
<td></td>
<td>- 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, Cary Underwood, and Dr. Jeffrey Gardner</td>
<td>250-251</td>
</tr>
<tr>
<td></td>
<td>- Grants, Policy, Personnel, and Program Management – Moderator: Mark Silveira – “DHS Townhall Meeting”, with FEMA’s Acting Assistant Administrator Christopher Logan</td>
<td>254-255</td>
</tr>
<tr>
<td></td>
<td>- Lessons Learned from Recent Events – Moderator: Terry Stoltzman – “Special Events Planning in the Nation’s Capital”, with Derron T. Hawkins</td>
<td>350</td>
</tr>
<tr>
<td></td>
<td>- Planning – Moderator: Jennifer Schaal – “The Unsung Heroes of the Pandemic”, with Allegra Agata Tartaglia, Abigail L. Browning, Taylor Hennessey, and Molly Dougherty</td>
<td>320</td>
</tr>
<tr>
<td></td>
<td>- Training and Exercise – Moderator: Michelle Carnahan - “Kinetic Mobile Tabletops – The Answer to Crawl, Walk, Run”, with Michael Ryman and Dwayne Dutrow</td>
<td>318</td>
</tr>
<tr>
<td>1700 – 1715</td>
<td>Break</td>
<td>250-251</td>
</tr>
<tr>
<td>1715 – 1800</td>
<td>POC Meeting (UASI POCs only, all others break before Exhibitor Social)</td>
<td>309-320</td>
</tr>
<tr>
<td>1800 – 2000</td>
<td>Exhibitor Social – Register to enter for a chance to participate in the cook-off challenge. Teams compete to turn common emergency rations into a gourmet entre with the help of a professional chef! See details on page 25</td>
<td>309-320</td>
</tr>
<tr>
<td>Time</td>
<td>Event</td>
<td>Room</td>
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<tr>
<td><strong>0700 – 1700</strong></td>
<td><strong>Registration Open – Conference Center Level 3 – Premier Ballroom - Foyer</strong></td>
<td>Chairman’s Ballroom</td>
</tr>
<tr>
<td><strong>0900 – 1000</strong></td>
<td><strong>General Session – Keynotes</strong>&lt;br&gt;0900-0930 presented by Alex Amparo who serves as the Senior Official Performing the Duties of FEMA Deputy Administrator for Resilience&lt;br&gt;0930-1000 Deputy Chief Sasha Larkin – Homeland Security for Las Vegas Metropolitan Police Department</td>
<td>309-320</td>
</tr>
<tr>
<td><strong>1000 – 1700</strong></td>
<td><strong>Exhibitor Hall Open</strong></td>
<td>309-320</td>
</tr>
<tr>
<td><strong>1000 – 1015</strong></td>
<td><strong>Break</strong></td>
<td>309-320</td>
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<tr>
<td><strong>1015 – 1115</strong></td>
<td><strong>Session 5:</strong> <em>Note - blue</em> indicates “Best of Show” candidate, <em>italics</em> means they are not&lt;br&gt;• <strong>Combating Domestic Violent Extremism</strong> – Moderator: David Kontny – <em>“Active Shooter Threat to the Community”</em>, with John P. Skillestad&lt;br&gt;• <strong>Enhancing Information and Intelligence Sharing</strong> – Moderator: Sheryl Jardine – <em>“Using Hybrid Intelligence and Predictive Risk Rating Modelling for Threat &amp; Risk Analysis and Assessment”</em>, with Cihan Aydiner, Ph.D. and Hasan Suzen&lt;br&gt;• <strong>Grants, Policy, Personnel, and Program Management</strong> – Moderator: Mark Silveira – <em>“How National Preparedness Directorate (NPD) uses THIRA/SPR Data”</em>, with Kate Bogan, Matthew Brainovich, and Anthony Battaglia&lt;br&gt;• <strong>Lessons Learned from Recent Events</strong> – Moderator: Terry Stoltzman – <em>“Winter is Coming!”</em>, with Francisco Sanchez and Michelle Carnahan&lt;br&gt;• <strong>Planning</strong> – Moderator: Jennifer Schaal – <em>“The Disaster within the Disaster: Addressing the Food Security Crisis- Lessons Learned and Practical Guidance”</em>, with Netta Squires, Chris Webster, and Myra Derbyshire&lt;br&gt;• <strong>Public Health</strong> – Moderator: Elizabeth Dunn – <em>“COVID-19: Learning in Real-Time”</em>, with Heather Kelly and Jody Ferguson&lt;br&gt;• <strong>Training and Exercise</strong> – Moderator: Dawn Thomas – <em>“Using 2020 to change the Training Dynamic”</em>, with Travis Cryan, Rick Christ, and Patrick Maury&lt;br&gt;• <strong>Paid Programming - Exhibitor Presentation</strong> – Moderator: Patrick Campion, <em>“Zero Trust: Beyond the Buzzword”</em>, with Kevin Goode, Senior Sales Engineer; Thales Trusted Cyber Technologies - <em>see pages 27-28 for description</em></td>
<td>261-262</td>
</tr>
<tr>
<td><strong>1115 – 1130</strong></td>
<td><strong>Break</strong></td>
<td>309-320</td>
</tr>
<tr>
<td><strong>1130 – 1230</strong></td>
<td><strong>Lunch (Provided) Exhibitor Hall</strong></td>
<td>309-320</td>
</tr>
<tr>
<td><strong>1230 – 1245</strong></td>
<td><strong>Break</strong></td>
<td>309-320</td>
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<tr>
<td>Time</td>
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<tr>
<td>1245 – 1345</td>
<td><strong>Session 6: Note - blue</strong> indicates “Best of Show” candidate, italics means they are not</td>
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<td></td>
<td><strong>Combating Domestic Violent Extremism</strong> - Moderator: David Kontny - “New Developments in the Fight Against Domestic Violent Extremism”, with Thomas E. Brzozowski</td>
<td>261-262</td>
</tr>
<tr>
<td></td>
<td><strong>Counterterrorism</strong> – Moderator: Mark Silveira “Las Vegas MACTAC”, with Brian O’Neal and Justin Van Nest</td>
<td>263-264</td>
</tr>
<tr>
<td></td>
<td><strong>Cybersecurity</strong> – Moderator: Dawn Thomas “Alexa: Lawyer Up: Safety Concerns with Connected Devices”, with Greg Kaminski and Joe Walsh</td>
<td>252-253</td>
</tr>
<tr>
<td></td>
<td><strong>Lessons Learned from Recent Events</strong> – Moderator: Terry Stoltzman - “2020 Hindsight: A Tale of Collaboration from COVID to Insurrection”, with Clint Osborn and Jerica Shackelford</td>
<td>254-255</td>
</tr>
<tr>
<td></td>
<td><strong>Planning</strong> – Moderator: Jennifer Schaal – “Harnessing New Perspectives in Neuroscience to Address the Psychology of Fear in Homeland Security Effectiveness”, with Sam McGhee and Anne McGhee-Stinson</td>
<td>Chairman’s Ballroom</td>
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<tr>
<td></td>
<td><strong>Public Health</strong> – Moderator: Elizabeth Dunn, “COVID 19 Response: Reaching the Whole Community especially the vulnerable”, with Michael McClendon and Michelle Carnahan</td>
<td>369-370</td>
</tr>
<tr>
<td></td>
<td><strong>Training and Exercise</strong> – Moderator: Billy Samuels - “Lessons Learned from the Texas Airport Landside Security Workshop Series”, with Brandon Gentry</td>
<td>353-354</td>
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<tr>
<td>1345 – 1400</td>
<td><strong>Break</strong></td>
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<td>Time</td>
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</table>
| 1400 – 1500  | **Session 7**: *Note - blue* indicates “Best of Show” candidate, *italics* means they are not  
|              | • **Combating Domestic Violent Extremism** – Moderator: David Kontny – “Protecting Public Buildings Against Violent Civil Unrest”, panel discussion with Gary Schofield, Sasha Larkin, and Tom Evernham  
|              | • **Cybersecurity** – Moderator: Dawn Thomas – “Leveraging Emergency Management for Cybersecurity Preparedness”, with Netta Squires and Brian Yelin  
|              | • **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 – “Texas Power Grid Disruptions and the Implications for Grids Everywhere”, with Michael Lambert  
|              | • **Public Health** * Moderator: Elizabeth Dunn – “Public Health & Emergency Preparedness – Partnership for Success”, with Dr. Todd S. Nicolson  
|              | • **Training and Exercise** – Michelle Carnahan - “Active Shooter: Conducting a Multi-Agency Full Scale Exercise with Local Law Enforcement, County Fire, & Local Healthcare System”, with Mateika Martin  
|              | • **Paid Programming – Exhibitor Presentation** – Moderator: Patrick Campion – “Securing Network Infrastructure and Cybersecurity Forensics for Hybrid IT”, with Vince Hill, Technical Manager at C Packet Network - *see page 28 for description* | 261-262  
|              |                                                                                                                                                                                                                                                | 252-253  
|              |                                                                                                                                                                                                                                                | 254-255  
|              |                                                                                                                                                                                                                                                | Chairman’s Ballroom 369-370  
|              |                                                                                                                                                                                                                                                | 353-354  
|              |                                                                                                                                                                                                                                                | 350  
|              |                                                                                                                                                                                                                                                | 261-262  
|              |                                                                                                                                                                                                                                                | 252-253  
|              |                                                                                                                                                                                                                                                | 254-255  
|              |                                                                                                                                                                                                                                                | Chairman’s Ballroom 369-370  
|              |                                                                                                                                                                                                                                                | 353-354  
|              |                                                                                                                                                                                                                                                | 350  
|              |                                                                                                                                                                                                                                                | 261-262  
|              |                                                                                                                                                                                                                                                | 252-253  
|              |                                                                                                                                                                                                                                                | 254-255  
|              |                                                                                                                                                                                                                                                | Chairman’s Ballroom 369-370  
|              |                                                                                                                                                                                                                                                | 353-354  
|              |                                                                                                                                                                                                                                                | 350  

*Note: *The table contains a list of events scheduled for the 2021 National Homeland Security Conference, including topics such as combating domestic violent extremism, cybersecurity, lessons learned from recent events, planning, public health, training and exercise, and paid programming. Each event is categorized by time slot and includes a moderator, panelists, and specific topics.
## Conference Agenda

### Session 8: Note – blue indicates “Best of Show” candidate, italics means they are not

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Room</th>
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<tbody>
<tr>
<td></td>
<td><strong>Lessons Learned from Recent Events</strong> – Moderator: Terry Stoltzman – “Fire, Health, and Police: Unity in Unified Command”, with Sandy Wedgeworth, James Underwood, and Brian McPhail</td>
<td>254-255</td>
</tr>
<tr>
<td></td>
<td><strong>Planning</strong> – Moderator: Jennifer Schaal – “Impacts of Social Unrest on Emergency Services – Case Study: Seattle’s CHOP”, with Harold D. Scoggins</td>
<td>Chairman’s Ballroom</td>
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<td></td>
<td><strong>Training and Exercise</strong> – Moderator: Michelle Carnahan – Panel Discussion “Lessons Learned from a 28 Hospitals and City Agencies: Pediatric Disaster Exercise”, with Dr. Michael Frogel, John Jermyn, and Dr. Arthur Cooper</td>
<td>353-354</td>
</tr>
<tr>
<td></td>
<td><strong>Paid Programming – Exhibitor Presentation</strong> – Moderator: Dawn Thomas – “The Command Post, a New Way to Communicate at Emergency Scenes”, with Mike Bostic, Director, Strategy and Policy, FirstNet Program at AT&amp;T - see page 27 for description</td>
<td>350</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>1615 – 1800</td>
<td><strong>Break</strong></td>
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<tr>
<td>1800 – 2200</td>
<td><strong>Host Social</strong> – Allegiant Stadium</td>
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<tr>
<td>Time</td>
<td>Event</td>
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<tr>
<td>0730 – 1330</td>
<td>Registration Open – Conference Center Level 3 – Premier Ballroom - Foyer</td>
</tr>
<tr>
<td>0900 – 1000</td>
<td>General Session</td>
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<td>Introduction to “Surfside, FL Condominium Collapse; an In-depth Discussion”, presented by Chief Raied ‘Ray’ Jadallah</td>
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<tr>
<td>1000 – 1015</td>
<td>Break</td>
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<tr>
<td>1000 – 1300</td>
<td>Exhibit Hall Open</td>
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<tr>
<td>1015 – 1115</td>
<td><strong>Session 9: Best of Show</strong> – The Best of Show presentations will consist of the six presentations that scored the highest (ties we be broken by the greatest number of attendees).</td>
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<tr>
<td></td>
<td>Five “Best of Show” presentations:</td>
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<tr>
<td></td>
<td>- Best of Show presentation #1 TBD, Moderator: Dawn Thomas</td>
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<td></td>
<td>- Best of Show presentation #2 TBD, Moderator: Sheryl Jardine</td>
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<td>- Best of Show presentation #3 TBD, Moderator: Mark Silveira</td>
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<td>- Best of Show presentation #4 TBD, Moderator: Patrick Campion</td>
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<td></td>
<td>- Best of Show presentation #5 TBD, Moderator: Jennifer Schaal</td>
</tr>
<tr>
<td>1115 – 1130</td>
<td>Break</td>
</tr>
<tr>
<td>1130 – 1230</td>
<td>Lunch (Provided) Exhibitor Hall</td>
</tr>
<tr>
<td>1230 – 1300</td>
<td>Closing Ceremony</td>
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<tr>
<td>1300 – 1430</td>
<td>Counter Unmanned Aircraft Systems – New Mexico Tech</td>
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<td><em>Note: minimum class size has been met</em></td>
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<tr>
<td>1300 – 1700</td>
<td>Surfside, Florida – Champlain Towers Condominium Collapse; an In-Depth Panel Discussion, with Dave Downey, Deputy Coordinator, State of Florida ESF 4 &amp; 9 Statewide Emergency Response Plan, Rained “Ray” Jadallah, Assistant Fire Chief, Miami-Dade Fire Rescue (MDFR), John Whalen, Chair, Florida Fire Chiefs Association Safety and Health Section, and Roberto Irizarry, Lieutenant, Miami-Dade Police Department, Criminal Investigation Division, Homicide Bureau – Moderator: Terry Stoltzman</td>
</tr>
<tr>
<td>1300 – 1700</td>
<td>Prevention Of and Response To Suicide Bombing Incidents – New Mexico Tech <em>Note: Minimum class size is 30</em></td>
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<tr>
<td>1300 – 1700</td>
<td>Understanding and Planning for School Bombing Incidents – New Mexico Tech <em>Note: minimum class size is 30</em></td>
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<tr>
<td>1330 – 1530</td>
<td><strong>TOUR 6 – National Atomic Testing Museum</strong> – <em>(see description on page 28)</em></td>
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<td></td>
<td>• Minimum Participants: 10</td>
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<tr>
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<td>• Maximum Participants per tour: 25 <em>(full)</em></td>
</tr>
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<td></td>
<td>• (half hour travel time each direction included)</td>
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<tr>
<td>1330 – 1530</td>
<td><strong>TOUR 7 – MGM Resorts International – Back of the House Security Tour at Aria Resort &amp; Casino</strong> – <em>(see description on page 17)</em></td>
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<td>• Minimum Participants: 10</td>
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<td>• Maximum Participants per tour: 20 <em>(full)</em></td>
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TOUR 1 – SPRINGS PRESERVE

Commonly known as the "birthplace of Las Vegas," the Springs Preserve is a 180-acre cultural institution designed to commemorate Las Vegas' dynamic history and to provide a vision for a sustainable future.

Listed on the National Register of Historic Places since 1978, the site served as the original source of water for Native Americans living here thousands of years ago. In 1997, the Las Vegas Valley Water District Board of Directors approved a plan to develop a preserve to protect and manage the cultural, natural and water resources of the site, and the Springs Preserve opened to the public in June 2007.

Featuring museums, galleries, outdoor events, a colorful botanical garden and an interpretive trail system, the Springs Preserve has evolved into a world-class attraction providing a glimpse of the origins of Las Vegas.

Tour registrants must be informed of:
- Cafeteria and break areas available
- Wear sun protection
- Walking tour will cover some distance both inside and outside wear comfortable shoes
- Please check out the website https://www.springspreserve.org/

SENIOR OFFICIALS WORKSHOP FOR ALL-HAZARDS PREPAREDNESS (MGT-312)

This workshop provides a forum for senior officials to understand strategic and executive-level issues related to all-hazards disaster preparedness, to share proven strategies and best practices, and to enhance coordination among whole community officials responsible for emergency preparedness, response, and recovery. The workshop emphasizes planning, operational coordination and public information and warning through extensive group discussions and a tabletop exercise. The final outcome of the seminar is the development of an action plan to improve the preparedness posture of the community/organization.

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 CERTIFICATION PREPARATORY 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 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
AAFP - 13.25 hours ENA - 14.5 hours
TX-DHSHS-EMS - 16.0 hours IACET - 1.6 CEU

TOURS 2, 4 & 7 – MGM RESORTS INTERNATIONAL – BACK OF THE HOUSE SECURITY TOUR AT ARIA RESORT AND CASINO

This is your opportunity to experience some of the “magic” that happens behind the scenes at a world-class Las Vegas resort. Join us for an informative and exciting security focused “Back of House” tour at Aria Resort & Casino, an MGM Resorts International property centrally located on the Strip.

The back of house tour provides an opportunity to learn how gaming surveillance and security works to ensure a safe and secure environment for visitors and employees through sophisticated surveillance systems and cameras, often referred to as the “eye in the sky”, and the facial recognition capabilities used at a facility perspective.

A live demonstration will be conducted to showcase how surveillance cameras recognize a suspect and work in conjunction with security cameras to track a suspect’s movement throughout the property until security officers are able to respond. The tour also includes briefings by the property’s Security Emergency Operations Center and the Las Vegas Metropolitan Police Department’s fusion center on its “Strip camera” initiative funded through Urban Areas Security Initiative (UASI) grants.

Target Audience
Law Enforcement

Tour registrants must be informed of:
- Must be 21 years of age or older
- No photography back-of-house
- No firearms
- Walking tour will cover some distance wear comfortable shoes
AFTER-ACTION REVIEWS AND REPORTS: COMMUNITY – TIPS ON CREATION AND IMPLEMENTATION OF LESSONS LEARNED

Continuous improvement is the cornerstone of effective emergency management. Only by learning from past experiences can we keep advancing our ability to prepare for and respond to an ever-evolving incident landscape. Two of the most important tools to meet this need are the after-action review process, leading to the after-action report (AAR). This formal process and product allow for the creation of a codified body of incident-related strengths and areas for improvement that can be used to build emergency management effectiveness. These flexible tools are not always simple to use nor are the findings always easy to implement.

Speakers for this panel will share the following guidance based on their experiences with after-action reviews and reports:

- Representatives from two UASI communities describing recent examples of after-action reports and how they were implemented, and
- FEMA representatives discussing the challenges of and solutions to implementing AAR findings, as well as sharing links to tools and guidance documents available for community use.

TURN TO THE (CYBER) DARK SIDE, Panel Discussion

This panel discussion – facilitated by Cyber Track lead Dawn Thomas - will walk the audience through everyone’s worst nightmare – a cyberattack on your city and/or its critical infrastructure. The discussion will start with three victims of cyberattacks telling their stories, including representatives from the cities of Atlanta, GA (Felipe Den Brok) and Pensacola, FL (Stephanie Cassidy), and someone with insight into the SCADA breach at the Oldsmar (FL) Water Treatment Plant (Michael Lettman). The discussion will then move towards ways to prevent attacks, including how Law Enforcement is joining the fight (Lance Larson), how CISA is helping public and private sector partners prevent attacks (Michael Lettman), and how private sector (focusing on oil and gas) are finding ways to identify and reduce risk (Rick Evans). We then turn to a cold, hard reality – attacks still happen and many more will be successful. As such, we hear from victims about their response best practices (Den Brok, Cassidy, and Lettman) and from an emergency manager about Virginia’s approach to managing the cascading effects of cyber-attacks (Shawn Talmadge). We will finish with a brief discussion about how an “all hazards” approach to cybersecurity continuity planning may fall short.

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

This session will offer two separate panel discussions, the first will focus on planning, and the second will address the initial response.
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 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 throughout 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.

TOURS 3 & 5 – THE BORING COMPANY – LAS VEGAS CONVENTION CENTER

Also known as "Tesla’s in Tunnels!", Loop is an all-electric, zero-emissions, high-speed underground public transportation system in which passengers are transported to their destination with no intermediate stops. The LVCC Loop system — a three-station transportation system consisting of 1.7 miles of tunnel — was built in approximately one year and is designed to transport 4,400 passengers per hour (with 3 large stations).

During this tour, you will have the opportunity to take a ride in one of the Tesla vehicles, learn about the safety features included in the Tesla Model S, 3, X, and Y, as well as in the Loop itself, and explore the benefits of the construction of Boring Company tunnels.

Tour registrants must be informed of:
- Must be 21 years of age or older
- No photography back-of-house
- No firearms
- Walking tour will cover some distance wear comfortable shoes
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.
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.

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 (IJJs) 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

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

cdp.dhs.gov/femasad
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

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

TAO NIGHTCLUB – WELCOME TO LAS VEGAS AND THE 2021 NATIONAL HOMELAND SECURITY CONFERENCE

For more than a decade, TAO nightclub has been a favorite of the most notable names in entertainment, music, and sports. As a welcome to Las Vegas and the National Homeland Security Conference in 2021, join us for a warm Las Vegas cocktail reception fully hosted by our community partners at TAO Nightclub. Choose from an array of hors d’oeuvres like TAO nightclub’s mini lettuce cups with bang-bang chicken salad, pork BAO buns, mini vegetable egg rolls, imperial wagyu sliders, and shrimp tempura with spicy citrus aioli, along with two complimentary drink tickets. Take in the sounds of the DJ from the dance floor and step out to the 40-foot terrace for views of the Las Vegas Strip. State-of-the-art sound and lighting systems create an all-encompassing experience matched only by TAO’s unparalleled hospitality. Registration for this event is limited to the first 750 guests, so make sure to sign-up today!

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.

PAID PROGRAMMING

Cyber Counter-Drone Concepts for Homeland Security: Control & Continuity in Sensitive Environments
Rogue drones pose an increasingly significant threat to homeland security, across a wide range of security and safety risks, including terror attack, collisions, smuggling and espionage.
Traditional C-UAS detection and mitigation technologies have brought notable benefits, especially in the military realm, and will continue to play a role in multi-layered defense strategies. But these methods also have serious shortcomings in homeland security use cases, especially in urban and sensitive environments.
This session will explore the changing drone threat to homeland security, the applicability of various detection and mitigation methods, and the potential of next generation technologies, such as RF cyber-takeover, to empower homeland security professionals with a high degree of control in driving toward safe outcomes while preserving operational continuity.

The Promising Future for Hybrid, Brick-and-Mortar, and Virtual EOC Operations
Due to COVID-19, the Future of Work has accelerated, and the coordination and execution for Incident Command and EOC operations have changed. Companies and agencies have gone completely virtual in many cases, which means organizations have been forced to adjust to this new reality. However, solutions for these conditions have been lacking, and traditional technology capabilities do not fit our new reality.

There are low costs, no-cost solutions, and low code, no code solutions that homeland security and emergency management community can leverage to conduct unified command and operational coordination. These solutions include the ability to coordinate operations, plan, train and exercise pre-event use cases, and tools that are available to execute incident operations during the event and leading into recovery.

During this conversation, you’ll hear from Disaster Tech’s CEO and co-founder, who will discuss the evolution of response tools within emergency management, as well as the current landscape. Sean will also define the available EOC options (hybrid, brick-and-mortar, virtual EOC) that agencies and industry partners have and will also cover the solutions and opportunities that come with each approach, including how agencies can best leverage the tools they already use (Microsoft Teams).

Zero Trust: Beyond the Buzzword
Zero Trust is not just another buzzword in a never-ending list of tech trends. The principles of zero trust eliminates the binary trust/don’t trust approach applied to users and assets in yesterday’s on premise, perimeter-centric environments.
According to a recent survey, 100% of U.S. Federal Government agencies are storing sensitive data in third-party cloud, mobile, social, big data and IoT platforms, which inherently makes data vulnerable. Traditional perimeter protection does not protect off-premise data, which speaks to the need to take a zero-trust approach to data security.
Attend this Session to learn about the best practices for implementing a zero-trust architecture to protect your most sensitive data despite the dissolving perimeter. The webinar will discuss the top 6 things you need to know about zero trust:

1. The basics. What is zero trust and how does it apply to data security
2. Setting the stage. How digital transformation can make data vulnerable
3. Getting to work. Tips for putting zero trust architecture into action
4. What about the cloud? Implementing zero trust in a multi-cloud environment
5. Pulling it all together. How to develop a long-term strategy to protect data throughout its lifecycle

Securing Network Infrastructure and Cybersecurity Forensics for Hybrid IT
This session will focus on the challenges of network security data in today’s data centers, on-prem virtualized, and public cloud environments with a shared security model. As Hybrid IT architecture evolves and new services are introduced, we will discuss the options to access network data visibility and full packet storage to deliver on essential cybersecurity forensics, compliance, network troubleshooting, and optimization. “Failure is not an option” - Gene Kranz (Flight Director NASA)

The Command Post, a New Way to Communicate at Emergency Scenes
Through a pandemic that has claimed more than 250K lives, to hurricanes, wildfires, tornadoes and man-made emergencies, FirstNet, built with AT&T, has been there for public safety. We’ve been in lockstep with first responders on the front lines – supporting medical facilities and quarantine and mobile testing sites and providing much-needed connectivity following devastating hurricanes and wildfires. Learn how the Response Operations Group has answered 450+ calls for help from agencies across the country and streamlined the process for deploying the 76 satellite cellular assets across states and territories in an average of 14 hours or less.

COOK-OFF CHALLENGE DRAWING
Get your salt and pepper ready and fire up the stoves! The National Homeland Security Association in partnership with Clark County and the MGM Grand Hotel & Casino are co-hosting an Emergency Preparedness Kit Cook-Off on Tuesday, August 31, 6 p.m. to 7:30 p.m. at the MGM Grand Conference Center.

This event has been elevated to the next level from what was a local Annual Valley-wide Emergency Kit Cook-Off to now a National Level event including team participants from Urban Areas across the nation! Teams will be comprised of randomly selected conference participants who have registered their interest to participate, they will be teamed against each other to see who can create the best tasting dishes from food found in an emergency preparedness supply kit. Each team has 40 minutes to work with a guest chef from an MGM Grand restaurant to make its dish. The winning team takes home the “Golden Backpack Award” and earns the honor of participating in the first of its kind national event.

The National Homeland Security Association in partnership with the Clark County Office of Emergency Management continues to build upon public private sector relationships with MGM Resorts International (MGMRI) This event kicks off...
National Preparedness Month which is intended to focus on individual, family, and community disaster preparedness. Emphasis will be for citizens to have a family plan, develop a home/car emergency supply kit and learn how to stay informed/get involved.

The Aug. 31 event will feature 6 to 10, three-person cooking teams and a panel of judges from various agencies. Past regional participants included Boulder City, Henderson, Las Vegas, the Las Vegas Metropolitan Police Department, City of Mesquite, City of North Las Vegas, the Southern Nevada Chapter of the American Red Cross, the Southern Nevada Health District, Clark County School District and Volunteer Organizations Active in Disaster.

Please register now if you would like to be entered into the pool from which we will randomly select participants from.

HOST SOCIAL AT ALLEGIANT STADIUM
Be one of the first ever to party in the 20,600 square foot Modelo Cantina Club at Allegiant Stadium where you will enjoy an open bar and an array of epicurean delights throughout the evening. Live music provided by the legendary Australian BeeGees, a “Las Vegas favorite” Lisa Marie Smith, as well as hang out with the Raiderettes and if we’re lucky Elvis might stop by for a drink! The host social at Allegiant Stadium is sure to be a night to remember...

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 PUBLIC HEALTHCARE AND EMERGENCY MANAGEMENT PROFESSIONALS – PART II
This session will offer two separate panel discussions, the first will identify lessons learned, and the second will discuss vaccinations.

SURFSIDE, FLORIDA CONDOMINIUM COLLAPSE; AN IN-DEPTH DISCUSSION (confirmed)
When 55 of the 136 units of a 40-year-old, 12-story beachfront condominium mysteriously collapse at 1:30 AM on June 24th, Miami-Dade first responders and the medical community swing into action to rescue survivors, triage the injured, reunite families, and search for a cause. (This description will be updated by the presenters).

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.

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

TOUR 6 – NATIONAL ATOMIC TESTING MUSEUM
The National Atomic Testing Museum (NATM) is a national science, history and educational institution that tells the story of America’s nuclear weapons testing program at the Nevada Test Site. The Museum uses lessons of the past and present to better understand the extent and effect of nuclear testing on worldwide nuclear deterrence and geo-political history.

At the museum, you will learn about world events leading up to the establishment of the Nevada Test Site, progression of the Test Site from the above-ground tests to underground tests and non-nuclear activities, and even experience a Ground Zero Theater simulation of an above-ground test.

From Atomic Age culture to the scientific and technological advances, the Atomic Testing Museum highlights over 70 years of nuclear testing. Here, you will be able to reflect on the history of atomic testing and its relevance to national security and international stability.

Tour registrants must be informed of:
- Must be 21 years of age or older
- No photography back-of-house
- No firearms
- Walking tour will cover some distance wear comfortable shoes
## Transportation Information

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Springs Preserve Drop-off/Staging Location

TAO Asian Bistro and Nightclub
Allegiant Stadium Staging Areas

National Atomic Testing Museum Staging Area
Color Guard
Multi-Jurisdictional Police & Fire Honor Guard

Pledge of Allegiance

National Anthem

Invocation

Las Vegas Welcoming Remarks
National Homeland Security Association
President, Jonathan Schultz
Caleb Cage

Vice Chancellor for Workforce Development
Chief Innovation Officer at the Nevada System of Higher Education
Tuesday's Exhibitor Social and nationally famed Emergency Preparedness Cook-Off will take place in the Premier Ballroom between 6 and 8 PM. You can expect some surprise, interactive, and very Vegas style entertainment wondering the exhibit halls while visiting with our exhibitors and watching a unique cooking challenge that rivals any episode of chopped you've ever seen! Celebrity judges this year will be: Jon Taffer, international celebrity, New York Times best-selling author, star of Paramount Network's number-one show, Bar Rescue; Piff the Magic Dragon who in 2019, was voted one of Variety's Top Ten Comics to Watch; and to add a little beauty and grace Tiana Tuamoheoa - Miss Nevada USA 2019!

When: Tuesday, August 31, 2021
6:00 PM – 8:00 pM

Where: The Premier Ballroom
Mr. Alex Amparo
Senior Official Performing the Duties of FEMA
Deputy Administrator for Resilience

Deputy Chief Sasha Larkin
Homeland Security
Las Vegas Metropolitan Police Department
Nhsc2021
2021 NATIONAL HOMELAND SECURITY CONFERENCE | August 29 – September 2, 2021 | Sunday – Thursday

2021 National Homeland Security Conference
August 30 - Sept 2, 2021- Las Vegas, NV

MGM GRAND - PREMIER BALLROOM 309-317 - LEVEL 3
Introduction to “Surfside, FL Condominium Collapse; an In-depth Discussion

Presented by Chief Raied ‘Ray’ Jadallah
**Counterterrorism**

**Session 1**

#NHSCCounterterrorism

**Integrating Threat Management Strategies in Preventing Targeted Violence**

*Presentation will not be posted on NHSC website*

Adrian Beas, Las Vegas Metropolitan Police Department
Lieutenant for the LVMPD Counter Terrorism Section (CTS) and ARMOR sections

The presentation will detail the LVMPD Counter Terrorism Section’s developing Threat Assessment and Management strategies, as well as provide contextual case examples of Threat Assessment Pre-Event/Arrest and Post- Arrest/Conviction Management strategies. The strategies discussed will be focused on the prevention and mitigation of targeted violence.

**Best Practice: Cyber Liaison Officer (CLO) program; Improving Cyber Proficiency Among State/Local Law Enforcement to Increase Cyber Reporting**

Lance Larson, Ph.D., CISSP, Investigator (Cyber) / FBI Cyber Task Force Officer (TFO), Laguna Beach Police Department / Orange County Intelligence Assessment Center

Alberto Martinez, Director, National Fusion Center Association (NFCA) - Orange County Intelligence Assessment Center

The Orange County Intelligence Assessment Center (OCIA) Cyber Liaison Officer (CLO) program trains law enforcement officers in introductory-level cyber concepts. The CLO program strives to improve cyber proficiency among the law enforcement community, including improved law enforcement response to cybercrimes in the field, ability to conduct basic cyber investigations, and awareness of current and emerging cyber threats facing the public. To become a CLO, law enforcement professionals must attend an 8-hour California Peace Officers Standards and Training (POST)-certified course, “Cyber Crimes” taught by fusion center and local cyber-crimes investigators. The OCIAC CLO program is a national best practice supported by UASI funding through the Anaheim/Santa Ana UASI.

**Preparing for Left of Bang: The Challenge and Importance of Intelligence and Information Sharing Exercises in Today’s Threat Environment**

David Schuld - Deputy Director of Preparedness, Hagerty Consulting

The failure of information sharing is often highlighted in lessons learned from active threat events and other critical incidents. While jurisdictions emphasize the importance of exercising the Response Mission Area, there is a national gap in strengthening capabilities related to Prevention and Protection mission areas. Intelligence and information sharing personnel and systems in Utah have leaned forward to build skills of analysts and intelligence specialist, with work to be done. The presentation will examine the challenges of building a strong intelligence and information sharing system, and the importance of designing and validating systems in exercises.


**Who’s in Your Dugout?**

Brent Parker

Mental Health discussion on prevention and intervention to build one another up, fostering resiliency and mental fortitude in public safety.

**US&R Across the Board (/Border); Lessons Learned From the 2019 Operation Unified Response Urban Search and Rescue Joint Task Force Exercise**

Brian Smith and Jeremy Kaufman

Since 1992, FEMA US&R teams conduct individual readiness exercises to evaluate preparedness. Joint task force exercises promote a paradigm shift by combining multiple teams to mirror real deployments. The 2019 Joint Task Force Exercise became the first to test 14 US, Canada, and Australia teams. The largest North America US&R exercise occurred June 2019 at the Muscatatuck Urban Training Center. Lessons learned from design and conduct are applicable to all responders.

NORTHCOM provided a C-17 and MQ-9 Reaper. Tennessee and Illinois National Guards provided Blackhawks, Lakotas and Chinooks for personnel and equipment movement. The exercise provided an opportunity to strengthen capabilities for mobilization, situational awareness, search, extraction, and medivac.

Foreign teams posed challenges on what they could transport across the border. The Exercise Planning Team worked with the US Customs and Border Protection to develop a Convoy Movement Plan to expedite Point of Arrival processing.

DHS Science & Technology hosted a vendor technology showcase to obtain feedback from responders for future investments. S&T develops technologies designed to make first responders safer and communities more resilient. The project concluded with a Joint Task Force Exercise Guidance document directly applicable to US&R teams but relevant to all disciplines when designing complex exercises.
From Pandemic to Protest, How Louisville KY Survived 2020
Edward J. Meiman III, Executive Director - Louisville Metro Emergency Services

2020 began a normal year for most, but soon became one of the most challenging for cities across the world. In March, Louisville Kentucky announced their first COVID19 case. Within a week operated within an Incident Management Team (IMT) supported by several city agencies. The IMT developed over 60 plans that traveled through the Planning Process to receive final approval from Unified Command and the Mayor of Louisville. These ranged from first responder testing to essential needs, and finally to the vaccination plan later implemented.

In the same month, Louisville experienced an officer involved shooting that became a national focus. On May 28 2020, Louisville saw their first night of unrest that soon ended in several people shot and many nights of damage, looting, and another officer involved shooting.

Normally, help comes from cities across the country for disasters. In 2020, many were on their own. Louisville’s IMT worked through an event no one in the city had ever experienced. Soon, it transitioned, along with safe COVID practices, into protecting its infrastructure including the Emergency Operations Center, 911 Communications Center, and other key buildings located within one block of the focal point for months of large, unlawful protests.

Laser Strikes and UAS (Drones): How to Build and Prepare Cases Relative to Interference with an Aircraft
Patrick Seaman, Detective - Columbus Division of Police (OH)
Robert M. Sagle, Commander - Columbus Division of Police (OH)

What do Tokyo, Japan, New Zealand, Riverside, California, Pasco County, Florida, Mesa and Phoenix, Arizona, and Columbus, Ohio have in common? All have had criminal cases involving aircraft and lasers in recent years. In the United States, the Federal Aviation Administration (FAA) reports that aiming a laser at an aircraft creates a serious safety risk that violates federal law.

High-powered lasers can completely incapacitate pilots flying commercial aircraft that often carry hundreds of passengers or police pilots flying for public safety. The substantial number of reported incidents clearly shows that laser strikes on aircraft remains a serious threat to aviation safety. Pilots report that the laser strikes are disorienting and intense; they cause a loss of night vision, temporary blindness, difficulty reading the aircraft’s instrument panel, and damaged eyesight. The FAA reports laser strikes for the past three years: 2018- 5,663; 2019- 6,136; and 2020- 6,852. Even more alarming is that 2020 saw a substantial increase in reported laser strikes during a year where there were 60% less flights flown due to the pandemic.
Another emerging danger to commercial aircraft is the use of Unmanned Aircraft Systems (UAS, drones). Drones can create a danger to aircraft when flown too close or in restricted airspace. These actions can result in the drone striking the aircraft or causing the pilot to take evasive action to avoid a collision. As these incidents increase across the globe, understanding the law enforcement tools available is imperative. In the United States, good partnerships between local, state, and federal agencies make investigations, indictments, and convictions progress smoothly through the courts.

The ability to investigate these crimes falls to local law enforcement with the support of the FAA. The FAA recognizes that state and local law enforcement agencies are often in the best position to deter, detect, immediately investigate and, as appropriate, pursue enforcement actions to stop unauthorized laser illuminations. Therefore, learn how the Columbus, Ohio Division of Police investigated two separate incidents (laser strike and drone incident) from the initial action to the final disposition in court. Participants will learn to appreciate the need to communicate with the prosecutors and judges in your jurisdiction about these incidents and their dangers to ensure successful prosecution. Participants will learn about alternate sentencing methods to create public awareness of the issue and its seriousness. These attacks create a significant threat to those in the aircraft and those on the ground below. Law enforcement needs to be on the front end of this evolving trend to keep the community safe, and this presentation will put you on the correct path.

### Partnering with Social Media Platforms on Public Safety Issues
Jamie Moore, Mary Wade Burnside, Brittany Irick, MPH, and Joseph Klass, MPH, NRP

Smart phone social media apps are replacing traditional print, radio, and TV medias as a means of public notifications. We partnered with a social media app to inform the public about an infectious disease outbreak. We became aware of increased numbers of syphilis cases, of which many cases were co-infected with HIV. Unfortunately in today’s society, anonymous, unprotected sex is common which makes identification of contacts difficult. In planning a response to this infection that impacts readiness, we believed that social media might be part of a solution. The geographic area for delivery had a radius of 50 miles and our message was placed on the opening page of a particular app notifying people of the increased risk and for more information to tap on the screen where the person was taken to our web page for more information and linkage to care. In our first month we had over 20,000 unique individuals view our message and a 10% click through rate. Subsequently we have had our message reach over 70,000 people. This was an unexpected and unprecedented mechanism for delivery of a public safety issue. We believe this type of messaging has many possibilities within homeland security.
Cyber Counter-Drone Concepts for Homeland Security Control & Continuity in Sensitive Environments

Jeffrey Starr, Chief Marketing Officer, D-Fend Solutions

Smart phone social media apps are replacing traditional print, radio, and TV media as a means of public notifications. We partnered with a social media app to inform the public about an infectious disease outbreak. We became aware of increased numbers of syphilis cases.

New York State’s Targeted Violence and Terrorism Prevention (TVTP) Program: Building Multi-Disciplinary Threat Assessment and Management (TAM) Teams across the Empire State

Todd Baxter, Sheriff - Monroe County Sheriff’s Office

Greg Wildman

New York State received funding under the FY2020 Targeted Violence and Terrorism Prevention (TVTP) program to support the development of behavioral Threat Assessment and Management (TAM) teams across upstate New York. This effort builds on the successful TAM Team that was developed in Monroe County, New York called the “Rochester Threat Assessment Committee” (ROCTAC). The NYS Division of Homeland Security and Emergency Services (DHSES) is supporting the creation of similar multi-disciplinary threat assessment teams in the greater Albany, Buffalo, and Syracuse areas. This presentation will highlight New York State’s plan for achieving this goal, along with successes and challenges that have been identified already. Moreover, the Monroe County Sheriff’s Office will provide an overview of the ROCTAC, sharing their membership, legal framework, and success stories from their two+ years in operation. This presentation is a “must see” for public safety partners that are seeking to create TAM teams and those that are identifying ways to utilize federal homeland security funds to meet the new DHS priority of combating violent extremism.

Planning for Continuity in the Face of a Cyber-Attack: Challenges and Best Practices

Dawn Thomas, Co-Director, Center for Emergency Management Operations - CNA’s Institute for Public Research

For five years, CNA analysts have been supporting cybersecurity exercises at the federal, state, county, and local levels. In all cases, the threat of cyberattacks provided unique challenges to Continuity of Operations plans, which are generally built around scenarios requiring alternate work spaces rather than system or data loss. With an emergency management approach, we have compiled (and would like to share!) a list of the most common challenges and lessons learned for a wide range of stakeholders across multiple jurisdictional levels.
Behind the Scenes: Mitigating Campus Threats via Intelligence Analysis

Tiffany Murray, Intelligence Analyst - Los Angeles County Sheriff’s Department

Pandemic Impacted] In an innovative approach to thwart school aggressor events, the Los Angeles County Sheriff’s Department (LASD) Sheriff's Intelligence Unit (SIU) dedicates an Intelligence Analyst full-time to the assessment of campus threats and mental health crises involving students or school personnel.

As our nation’s youth return to schools and prep for the unexpected active shooter, society advocates timely intervention, but proactive vetting and response often fall short. We ask, "What did we miss?". The Intelligence Analyst collaborates daily with local police, the Community College Bureau, the Department of Mental Health (DMH), and case-by-case related stakeholders. Bridging information gaps among law enforcement, school administrators, and cognitive/behavioral resources ensures multidisciplinary threat management. The analyst conducts social media analysis, builds psychosocial profiles, and liaisons to help create an individualized communicative community around each person of concern.

Since 2018, the Intelligence Analyst has handled hundreds of cases constituting threatened or attempted campus-related violence incidents that were mitigated in the Greater Los Angeles Area. Our intervention strategy, one that is possible to replicate across districts and showcase through case studies, minimizes inappropriate access to weapons, encourages dialogue about concerning behavior, maintains a point-of-contact, and redirects a subject’s focus onto a healthier path.

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

Eric Shreve, GIS Manager - Arizona 9-1-1 Program

Patrick Campion, President - Preparedness Advisors LLC

Emergency management and public safety agencies are increasingly using data analysis and visualization tools (e.g., Tableau, Microsoft PowerBI, ArcGIS, Google Data Studio) to inform their decision-making and help manage disasters in a multi-threat/hazard environment. If used effectively, this technology can help organizations better understand their vulnerability to various threats and hazards, measure the return on investment of their preparedness and mitigation efforts, enhance situational awareness during response situations, and make emergency management a more efficient and lean practice as the scope and complexity of disasters continues to expand.

While there are numerous benefits to using data analysis and visualization tools, an overarching challenge for adopting them is how they are embraced by current emergency management leadership, particularly if leadership lacks or has limited training in data analytics. The more open-minded leadership is to technology and process improvement, the more likely analytics will be included in their strategic priorities.
This presentation will discuss the current use of data analytic tools for emergency management, challenges for adopting these tools, and recommendations for building a data-driven culture within an emergency management or public safety organization. Real world examples of the effective use of data analytic tools will be provided.

Connecting the Dots...Improving AAR-IP Process


A majority of agencies are writing After Action Reports (AAR) constantly, but they are not connecting the dots. What do you do with identified areas for improvement? Have there been lessons learned? District of Columbia’s Homeland Security and Emergency Management Agency (HSEMA) is making progress with connecting those dots. The AAR planning process is being used as the baseline for the continuance of emergency management, and this process is broken. These trends are being identified, but no corrective actions are being taken to close the loop. In other words, agencies are identifying areas for improvement, but are not translating those into lessons learned. HSEMA’s Planning, Training, and Exercise Bureau (PTEB) analyzed ten years of AARs and highlighted themes that emerged regarding areas for improvement. These themes were deemed of importance due to their high manifestation throughout multiple AARs. By individually analyzing each AAR in the District throughout this timespan, PTEB was able to track if the identified improvements had been resolved through corrective actions, or if they continued to remain areas for improvement. As a result of this analysis, PTEB is able to highlight lessons learned throughout the years, as well as implement corrective actions where they are lacking.

Salt Lake County 2020: Central City in Liberty County...It Can Happen!

Clint Mecham, Chief of Salt Lake County Division of Emergency Management
David Schuld, Deputy Director - Hagerty Consulting

While 2020 will be remembered as a year of pandemic response for many, Salt Lake County Utah faced a number of emergency and disaster challenges to respond and recover from, including three presidentially declared disaster, eleven activations, and 400+ days of the Emergency Coordination Center operations. While FEMA is notorious for its complex incident scenarios in exercises, Salt Lake County managed the Central City and Liberty County in real life. Over the course of this presentation, Chief Clint Mecham will discuss how to overcome challenges of complex incident management in an incident within an incident scenario.
Moving on from 2020 – A Future for Emergency Management
Kyle Overly, Director, Disaster Risk Reduction - Maryland Emergency Management Agency

The events that unfolded over the course of 2020 and 2021 challenged emergency managers in ways only previously imagined. In the midst of a global pandemic, emergency managers worked through the complexities of a global response while delivering core administrative functions and coordinating the response to countless other threats and hazards. This response tested emergency management capabilities and challenged long-held assumptions about mutual aid systems.

This presentation is not merely a recap of the challenges faced in 2020/2021 but also a unique introspective look at how emergency managers move forward, building stronger systems and reducing disaster risk. The emergency management profession is at an inflection point, what this past year showed is traditional thinking and programs will not meet the changing nature of threat and hazard.

As a profession, emergency managers need a moonshot to:

- Break the cycle of disaster
- Build organic consequence management capability
- Build the profession
- Increase equity in program and policy administration

This dynamic presentation is an extension of a featured article in the Domestic Preparedness Journal from February 2021 available here: https://www.domesticpreparedness.com/resilience/moving-on-from-2020-a-future-for-emergency-management

Leveraging the National Exercise Program (NEP) to Support Your Exercises
Panelists: Kate Bogan, Jon Bakkedahl from Nevada, and Kevin Wernet from Wisconsin

The Federal Emergency Management Agency (FEMA) National Exercise Division (NED) will lead participants through an overview of the NEP. Panelists from state, local, tribal, and territorial (SLTT) jurisdictions will explain their experiences working with FEMA NED, receiving support for their exercises, and benefitting from participating in the NEP. Highlights include an explanation of the leadership priorities that guide the NEP, applying those priorities to organizational goals, exercising key themes to strengthen an organization’s preparedness for specific incidents, and how exercising with the whole community fosters a national culture of preparedness.
Pediatric Outpatient/Urgent-care Emergency and Disaster Planning

Michael Frogel MD, FAAP

Children are frequently victims of disasters; however, important gaps remain in pediatric disaster preparedness planning. These include a lack of resources for disaster planning for patients in pediatric outpatient/urgent-care facilities. The New York City Pediatric Disaster Coalition’s (NYCPDC) goal is to prepare NYC for a catastrophic pediatric disaster event.

The NYCPDC partnered with leading experts on emergency management from outpatient/urgent-care facilities and created the Pediatric Outpatient Disaster Planning Committee (PODPC). The PODPC includes physicians, nurses, administrators and emergency planning in outpatient care. The PODPC’s goal was to create guidelines and templates for surge and evacuation. The committee shared information to create disaster planning tools that meet the specific pediatric challenges in the outpatient/urgent-care facilities. The participants utilized an iterative process that included a literature review, participant presentations and review and improvement of the working documents, resulting in the creation of guidelines and templates for surge and evacuation. Pediatric plans were completed and implemented at five NYC outpatient/urgent-care facilities. Subsequently a Self-Use Toolkit was developed and utilized to create four model plans at four sites.

In conclusion the NYCPDC has created an effective Self-Use Toolkit model for outpatient/urgent-care surge and evacuation planning that can be utilized to expand preparedness to the healthcare community.

Potential Roles for Fusion Centers in Countering Domestic Terrorism

Dr. Jeffrey V. Gardner, PhD, Assistant Professor of Homeland Security Studies - American Public University / American Military University

The purpose of this presentation will be to address the potential roles that the 80 state and local fusion centers around the nation can play when it comes to the countering the increased threat of domestic terrorism within the country. The tragic terrorist attacks that killed nearly 3,000 people in 2001 were enabled primarily by failures of federal intelligence and law enforcement agencies share with each other what they knew about al Qaeda at the time. However, even if “the Feds” had actionable intelligence, there were no means or mechanisms to share any classified reporting with state or local officials who had the best chance of catching terrorists within our midst then. To partially address these gaps in intelligence sharing a national network of 80 state and local fusion centers evolved. Preventing another terrorist attack from overseas was the original threat which drove these developments and expansion of fusion centers around the nation. However, today the greatest threat in the U.S. today consists of domestic terrorists. This presentation will address the roles of fusion centers and their relationships with federal partners and how they can more effectively countering these evolving terrorist threats.
How a Network of Threat Assessment Teams Can Break Down Silos
Max Kelleher - NCTC Emerging Technology Analyst, National Counterterrorism Center; and Patricia Kickland, Program Manager - Hawaii State Fusion Center/Hawaii Office of Homeland Security

This presentation will discuss how individual threat assessment teams (TAT) may combine into a broader network that provides multiple layers of protection against targeted violence, violent extremism, and threats to government institutions. The Hawaii State Fusion Center (HSFC) helps agencies develop TATs in order to prevent targeted violence and defend against violent extremism. HSFC initially concentrated on forming TATs within Hawaii public K-12 schools. After COVID, the project slowed down. HSFC took advantage of the lull to co-found a state-wide education TAT, Threat Team EDU (TTE). TTE consists not only of public K-12 schools, but also private, charter, and post-secondary institutions statewide. TTE recruited members who were enthusiastic about building TATs in their own institutions and who were willing to contribute to active discussions about common threats. This dynamic has led to information sharing, case consultation, training, and mutual assistance across nine education agencies on four islands. Institutions develop internal TATs, but now they talk to each other, too. HSFC briefs them on TA topics and participates in case consultations. HSFC leads discussions on common threats faced by members and then, with permission, creates products that provide helpful information to HSFC partners and also specifically help the team.

A Change Has Already Come. Is Your Grant Management Strategy Ready?
Deirdre Joseph, Certified Grants Management Specialist, MBA - City of Tampa

With Covid-19, lockdowns, rapid infusion of funding and new and changing grant guidance, solid grant management skills are necessary. When the last rapid infusion of funding occurred (i.e. ARRA), some awardees were not ready, and their audits reflected this. This presentation will explore some of the changes and offer suggestions, best practices and practical grant management skills. that validate the targets and capabilities outlined in the THIRA and SPR.
Leveraging Circumstances to Enhance Response Capabilities
Tiffany Westbrook

Emergency Operations Centers are crucial to responding to disasters and emergencies. Too often however investing in them is put off, creating even bigger gaps in capabilities and decreasing jurisdiction’s overall preparedness. Unfortunately, EOCs are commonly underfunded and underutilized. This inhibits effectiveness of response efforts and leads to gaps in both communication and coordination. Because of this it is crucial to leverage for EOCs that are in a permanent readiness state. Through doing so, these spaces can be utilized by stakeholders to strengthen community partnerships and enhance response capabilities.

In my presentation, I will discuss how Kootenai County recognized the opportunity to improve upon its capabilities by leveraging for a dedicated EOC as a result of the COVID – 19 pandemic. I will highlight the importance of conducting AARs, planning, and creating relationships that can champion a cause. This presentation will discuss how our EOC is utilized during blue sky days, how it has helped to strengthen relationships, and how it has increased our office’s visibility and accessibility within the community. Additionally, this presentation will provide a 15-minute interactive discussion allowing participants to reflect on lessons learned from COVID or other events, with the intent to improve their future response capabilities.

The Interagency Modeling and Atmospheric Assessment Center (IMAAC)
Ryan Dufour
Jennifer Rosenberger, EM and PM Associate – Constant Associates

The Interagency Modeling and Atmospheric Assessment Center (IMAAC) coordinates and disseminates federal atmospheric dispersion modeling and hazard prediction products. These products provide the federal position during actual or potential incidents involving hazardous material or chemical, biological, radiological, nuclear, or explosives (CBRNE) releases. Through plume modeling analysis, the IMAAC provides emergency responders with predictions of hazards associated with atmospheric releases to aid in the decision-making process to protect the public and the environment. First, this presentation will provide an overview of what IMAAC is, what IMAAC’s capabilities are, and how IMAAC can be activated free of cost by federal, state, local, tribal, and territorial entities to support real-world hazardous materials incidents. Next, participants will learn how IMAAC can be engaged to support training and exercise. Lastly, this presentation will provide participants with an understanding of how IMAAC models differ from and build upon other hazmat models first responders may utilize during hazmat incidents.
Surge and Flex – A New York City Healthcare System’s story of resilience during Covid-19
Andrew Dahl, Manager of Emergency Management - NYU Langone Health
Caitlin Flynn, Director – Emergency Management - NYU Langone Health

On January 8, 2020, NYU Langone Health conducted an executive-level exercise based on a fictitious novel respiratory disease. Three weeks later the organization’s situation room was activated, preparing to transform their hospitals for the same situation in reality.

New York became the epicenter of Covid-19 in March 2020, bringing an unprecedented surge to its healthcare infrastructure. Hospitals nationwide became hindered as the need for space, staff, and stuff increased exponentially, threatening their core mission - treating the sick and injured.

NYU Langone Health transformed their hospitals in response to the outbreak of Covid-19 in New York City, creating new patient care spaces, mobilizing a workforce, and adapting to the fragile supply chain. As we evaluate the successes and opportunities for improvement of this response, hospitals must become increasingly resilient while working with local emergency management agencies to understand the gaps and pain points these key resources experience.

Grounded in the relevant and timely lessons of Covid-19, this session will provide the emergency manager an insight into the challenges which healthcare institutions face during disasters, steps organizations must take to be more resilient, and how government can best coordinate and support this critical resource.
The Promising Future for Hybrid, Brick-and-Mortar, and Virtual EOC Operations

Sean Griffin – Disaster Tech

Due to COVID-19, the Future of Work has accelerated, and the coordination and execution for Incident Command and EOC operations have changed. Companies and agencies have gone completely virtual in many cases, which means organizations have been forced to adjust to this new reality. However, solutions for these conditions have been lacking, and traditional technology capabilities do not fit our new reality.

There are low costs, no-cost solutions, and low code, no code solutions that homeland security and emergency management community can leverage to conduct unified command and operational coordination. These solutions include the ability to coordinate operations, plan, train and exercise pre-event use cases, and tools that are available to execute incident operations during the event and leading into recovery.

During this conversation, you’ll hear from Disaster Tech’s CEO and co-founder, who will discuss the evolution of response tools within emergency management, as well as the current landscape. Sean will also define the available EOC options (hybrid, brick-and-mortar, virtual EOC) that agencies and industry partners have and will also cover the solutions and opportunities that come with each approach, including how agencies can best leverage the tools they already use (Microsoft Teams).
A New Approach for Preventing Violence: How Local Prevention Frameworks Can Protect Against Targeted Violence and Terrorism
Michael Brown and Dr. Steven Weine

Targeted violence, including mass shootings and hate crimes, and terrorism, including domestic violent extremism and homegrown violent extremism, are serious societal problems that require a whole-of-society response. While traditional counterterrorism responses, such as investigation, disruption, and prosecution have stopped many attacks, many others go undetected because we aren’t better equipping the American public with awareness or better integrating prevention mechanism into all levels of society. A public health-informed violence prevention model offers an innovative and sustainable approach to address an ever-evolving threat environment, with so much violence already in 2021 with attacks in Atlanta to Boulder to Indianapolis. Local prevention frameworks bring together the whole of society to build resilience, awareness, and measures that connect at-risk individuals with multi-disciplinary threat management teams, stopping violence before it occurs.

The Office for Targeted Violence and Terrorism Prevention (OTVTP) leverages, coordinates, and builds upon a wide range of prevention activities and provides technical, financial, and educational assistance to communities, organizations, and other stakeholders to establish and expand such local prevention frameworks.

In our proposed panel, OTVTP leadership will present on this locally based prevention framework and will show our prevention work in action, by including representatives from some of our local partners and grantee organizations. They will address how OTVTP is investing in local, diverse communities and how SLTT (state, local, tribal, & territorial) and nonprofit organizations can lead and participate in sustainable prevention programming, all while protecting civil rights and civil liberties. Partners will also be able to discuss challenges they have faced in building local prevention frameworks – and how they mitigate them.

Bolstering Your Internal Network’s Immune System Utilizing AI
Thomas Welch - Director of Information Technology, Ohio HIDTA

Network security presents itself in many layers. From antivirus, to operating system firewalls, edge firewalls, syslog servers, and logging all connections and privileges at every level, the layers become more complex and intertwined with evolution of big data, social networks and more. What happens on the internal network is often overlooked, and mechanisms that gauge internal network behaviors are often trusted blindly with a confidence that can become problematic when data breeches do not have predictable indicators.

Learn how Unified Threat Management technologies are becoming critical to prevent networks and data stores from perishing, protecting your network and data from insider threats.
Enhancing Information and Intelligence Sharing

Session 4

How are you leveraging your fusion center? How the National Network of Fusion Centers Defines Homeland Security

Panelists: Alberto Martinez, Cary Underwood, and Dr. Jeffrey Gardner

Fusion Centers are state-owned and operated centers that serve as focal points in states and major urban areas for the receipt, analysis, gathering and sharing of threat-related information between State, Local, Tribal and Territorial (SLTT), federal and private sector partners.

The National Network of Fusion Centers (National Network) brings critical context and value to Homeland Security and Law Enforcement that no other federal or local organization can replicate. Fusion Centers accomplish this through sharing information, providing partners with a unique perspective on threats to their state or locality and being the primary conduit between frontline personnel, state and local leadership and the rest of the Homeland Security Enterprise. Explore and learn!

Grants, Policy, Personnel, and Program Management

Session 4

#NHSCGrants

DHS Townhall Meeting

Chris Logan - Acting Deputy Assistant Administrator; Grants Programs Directorate, FEMA

This session will be a grants and program discussion with FEMA representative and Chris Logan, Acting Deputy Assistant Administrator; Grants Programs Directorate discussing 2022 FEMA grant and program updates. Attendees can engage in Q&A during this session.

Lessons Learned from Recent Events

Session 4

#NHSCRecentEventLessons

Special Events Planning in the Nation’s Capital

Derron T. Hawkins

This presentation will provide an overview of the lessons learned and best practices for planning for special events in the Nation’s Capital.

It will also provide an overview of the unique geographical challenges of the District of Columbia being a visible symbol of America and the center for all three branches of federal government. The District of Columbia, at the center of the National Capitol Region has been designated Tier 1 - under Urban Areas Security Initiative (UASI) Program as an urban area with the highest risk of a terrorist attack.
The Unsung Heroes of the Pandemic

Panelists: Allegra Agata Tartaglia, Abigail L. Browning, Taylor Hennessee, and Molly Dougherty

Emergency Management Agencies across the nation have been building their non-governmental portfolios from learning the benefits of working with the private, non-profit and voluntary sectors in a disaster. Throughout the years, the involvement of the non-profit and voluntary sector has come naturally, as community leaders have taken action to help understand and address threats within their neighborhoods. The private sector acts in the same way.

Private sector businesses are the best informants of industry processes, operations and procedures during a crisis. Private Sector Liaisons, Business Emergency Operation Center Managers, Critical Infrastructure Managers and Non-Governmental Engagement Program Managers across national emergency management agencies are the first to provide a platform to the private sector to ensure the long term operability, safety and prosperity of our non-governmental entities who are the heart and soul of our nation.

While each state responds differently to a disaster, these engagement leaders and liaisons between the private and public sector, conduct interstate communication to support their partnerships with the private sector business, industry and infrastructure in order to coordinate actionable intelligence for informed decision making and result-based solutions that have not only a local, but regional and national impact.

Key Revisions to the Homeland Security Exercise and Evaluation Program: How to Hold an Effective Integrated Preparedness Planning Workshop

Mark Ledbetter

EP-Center – El Paso’s Border Battle with COVID

Mario D’Agostino and Jorge A. Rodriguez

Waiting until disaster strikes to identify the needs of persons with disabilities and persons with limited English proficiency compromises the health and safety of these communities and their ability to recover. When emergency managers engage these communities in planning and preparedness, and develop policies and procedures to address their needs, the whole community benefits. Through a recent collaborative effort at the Federal, State and local levels, the U.S. Department of Homeland Security’s Office for Civil Rights and Civil Liberties, FEMA’s Chemical Stockpile
Emergency Preparedness Program, and program recipients in Kentucky and Colorado worked together to identify concrete steps for improving accessibility in emergency preparedness. As a result of this effort, emergency managers are developing new strategies for public outreach and education, emergency alerts and notifications, emergency exercises, evacuation and sheltering, and staff training. This presentation provides “real world” examples that emergency managers can apply in their own planning processes.

Learning from the Past: Key Lessons from America’s First War on Terrorism
Authors: Dr. Meg K. McBride and Dr. Bill Rosenau; Presented by: Dr. Bill Rosenau

This session examines the forgotten history of counterterrorism in the United States during the 1970s and early 1980s. That period was part of a long wave of terrorism that occurred across the developed world. Within the United States during that period, terrorist groups—including ethno-nationalists, separatists, and Marxist/Leninists—conducted a remarkable number of attacks, some of which resulted in significant injuries and deaths. Many of the policies, strategies, and structures designed to combat domestic terrorism during the 1970-1985 period remain part of the U.S. counterterrorism repertoire. By providing historical perspective, this session will help today’s policymakers understand issues of change and continuity in the terrorist threat.

Active Shooter Threat to the Community
John P. Skillestad

Using Hybrid Intelligence and Predictive Risk Rating Modelling for Threat & Risk Analysis and Assessment
Cihan Aydiner, Ph.D. and Hasan Suzen

This study examines the use of emerging hybrid intelligence technologies which refers to a perfect amalgam of artificial and human intelligence as well as predictive risk rating modelling in threat & risk analysis and assessments. Drawing on state-of-the-art predictive models in the field and
our original prototype, this research provides a unique hybrid intelligence system architecture and approach for advanced human-machine interactions. The core of the system is a hybrid brain that generates advanced analytics and multiple futures scenarios sets for threat & risk analysis and assessment. This study brings a cross-functional human-machine team including Red Teaming experts and AI developers in addition to SMEs in homeland security and review the emerging threats and make the best prediction. We argue that this novel approach to threat & risk analysis and assessment, bridge the gap between the reality and simulated environments; provide data-driven comprehensive courses of actions; address high accuracy and privacy concerns which are very important in national security; prevent group thinking; and by providing intelligent artificial collaborators that interact with Homeland Security professionals, strengthen human capacity for learning, reasoning, decision making and problem-solving.

How National Preparedness Directorate (NPD) uses THIRA/SPR Data
Kate Bogan, Matthew Brainovich, and Anthony Battaglia

FEMA’s Threat and Hazard Identification and Risk Assessment (THIRA) and Stakeholder Preparedness Review (SPR) touches communities across all levels of government. Used effectively, the resulting data encourages communities to come together to discuss threats and hazards that concern them most, set preparedness goals in the form of capability targets, and review their current preparedness capabilities. Accurate and timely THIRA/SPR data can help communities answer fundamental strategic questions about their preparedness prioritize training and exercises, complete strategic planning, guide investments, and support disaster response and recovery operations. This data provides invaluable insight into community preparedness to stakeholders at all levels of government. A panel of speakers will discuss how FEMA’s National Preparedness Division (NPD) uses THIRA/SPR data to assess national preparedness and highlight how communities can optimize THIRA/SPR data for their own preparedness objectives.
Winter is Coming!
Francisco Sanchez and Michelle Carnahan

This presentation explores the February 2021 Winter Weather Event in Texas and the effects and challenges of the aging power grid managed by the Electric Reliability Council of Texas (ERCOT). Inadequate infrastructure, and ignored warnings to weatherize the grid after a similar event in 2011, led to blackouts, extended power outages, and widespread disruptions to water supplies.

According to ERCOT, the Texas power grid, which is independent of other grids in the country in to avoid federal oversight and regulation, was 4 minutes and 37 seconds away from collapsing prior to shutdowns. The electricity generation failure resulted in over 4 million homes without power for days and statewide shortages of food, water and heat as well as challenges to COVID-19 response. 66 deaths in Harris County can be attributed to the power failure as well.

The 2021 storm resulted in over 170 million Americans being placed under various winter weather alerts and caused blackouts for over 9.9 million people in the U.S. and Mexico. One study found that 91% of Harris County residents lost power during the storm and 65% lost water at some point.

At an estimated cost of $195 billion this was the costliest disaster in Texas History.

The Disaster within the Disaster: Addressing the Food Security Crisis—Lessons Learned and Practical Guidance
Netta Squires, Chris Webster, and Myra Derbyshire

COVID–19 caused a global surge in food insecurity. Growing lines for food support, emptying food pantry shelves, and disruptions in the “just in time” food supply chain, presented unique challenges to emergency managers. Moreover, the food-security crisis disproportionately impacted minority and immigrant communities, raising important issues of equity and social justice in preparedness, response, and recovery. Although the Food and Agriculture Sector is designated as critical infrastructure, local food assistance providers (FAPs), who have a critical response role during any food crisis, often lack the same formalized emergency management role as other critical infrastructure providers (like public utilities). While engagement and partnerships are critical to effective response, these can be hard to build with local FAP systems made of large, diverse, distributed networks of nonprofits.

This presentation will discuss how we applied ICS in a novel context to coordinate the response of government agencies, businesses, philanthropists, and over 100 local FAPs, during the COVID–19 food insecurity crisis. We will present lessons learned and practical guidance for incorporating food system resilience into local planning, response, and recovery efforts. Finally, we will explore the various roles different local, state, and federal agencies have in responding to a food insecurity crisis.
COVID-19: Learning in Real-Time
Heather Kelly and Jody Ferguson

Lessons learned. After-action reports. Independent assessments. We do them, but what do we do with them? In early 2020, as first responders and health officials detected what was ultimately one of the nation’s first major coronavirus outbreak in Kirkland, Washington, the city’s office of emergency management called on a national laboratory to help capture lessons learned in real-time. The goal was to share with jurisdictions nationwide as they were inundating Kirkland with requests for information that could help them prepare for the coming pandemic. But that unfortunately is not the norm where it can take months to gather lessons. Remote operations have proven our ability to work smarter and in dynamic ways in the online environment, but how can technology change the business of lessons learned? The need persists for broad application solutions in a time-critical environment to enable rapid decision making. In this presentation, we will explore how emerging technologies and collaboration innovations that can enable faster identification and sharing of lessons learned.

Using 2020 to change the Training Dynamic
Travis Cryan, Rick Christ, and Patrick Maury

Emergency Management training all looks the same; a multi-day in-person class, with group activities, and with a test to get a certificate. Even though they have activities embedded, trainings have become monotonous with a test as the only measurement of completion.

With the onset of COVID-19 and the inability to do in-person learning, most trainings has been put on hold. While responding to COVID-19, civil unrest, the election, and the Inauguration, we found gaps that were created by the current training environment, or that could not be closed by current courses and tools. For the District of Columbia, we decided to completely reset how we approach training. The District shifted from just issuing certificates to trying to create practitioners, and one of the ways we did this was by converting in-person training to highly interactive self-paced and virtual instructor led courses.

This presentation will cover how the District accomplished resetting its Training Program, the tools it used, and highlight several of the courses that were at the core of the new program. The presentation will specifically dig into a new Hybrid ICS 300 course that has been endorsed by FEMA EMI and used as a template for other hybrid courses.

Zero Trust: Beyond the Buzzword
Kevin Goode, Senior Sales Engineer; Thales Trusted Cyber Technologies

Zero Trust is not just another buzzword in a never-ending list of tech trends. The principles of zero trust eliminates the binary trust/don’t trust
approach applied to users and assets in yesterday’s on premise, perimeter-centric environments.

According to a recent survey, 100% of U.S. Federal Government agencies are storing sensitive data in third-party cloud, mobile, social, big data and IoT platforms, which inherently makes data vulnerable. Traditional perimeter protection does not protect off-premise data, which speaks to the need to take a zero-trust approach to data security.

Attend this Session to learn about the best practices for implementing a zero-trust architecture to protect your most sensitive data despite the dissolving perimeter. The webinar will discuss the top 6 things you need to know about zero trust:

1. The basics. What is zero trust and how does it apply to data security
2. Setting the stage. How digital transformation can make data vulnerable
3. Getting to work. Tips for putting zero trust architecture into action
4. What about the cloud? Implementing zero trust in a multi-cloud environment
5. Pulling it all together. How to develop a long-term strategy to protect data throughout its lifecycle

Learning from the Past: Key Lessons from America’s First War on Terrorism

Authors: Dr. Meg K. McBride and Dr. Bill Rosenau; Presented by: Dr. Bill Rosenau

This session examines the forgotten history of counterterrorism in the United States during the 1970s and early 1980s. That period was part of a long wave of terrorism that occurred across the developed world. Within the United States during that period, terrorist groups—including ethno-nationalists, separatists, and Marxist/Leninists—conducted a remarkable number of attacks, some of which resulted in significant injuries and deaths. Many of the policies, strategies, and structures designed to combat domestic terrorism during the 1970-1985 period remain part of the U.S. counterterrorism repertoire. By providing historical perspective, this session will help today’s policymakers understand issues of change and continuity in the terrorist threat.
Las Vegas MACTAC

Brian O’Neal and Justin Van Nest

On October 1, 2017, a mass shooting took place in Las Vegas in which the active shooter—perched on the thirty-second floor of a high-rise building—killed fifty-eight people at an outdoor concert below. Law enforcement last modified its active-shooter response practices after the mass shooting at Columbine High School in 1999. Since then, agencies across the United States have based their active-shooter responses on the assumption that the shooter is on the move and in the same two-dimensional environment as the responding officers; the response practices, training, and resource requirements do not address a three-dimensional threat in a semi-fixed position. This thesis analyzed case studies from the University of Texas tower shooting, the Mumbai terrorist attack, and the Las Vegas mass shooting to illuminate patterns, nuances, practices, techniques, tactics, and procedures related to high-rise active shooters. The conclusions identified training procedures, equipment considerations, and response practices that may help first responders mitigate damage from similar attacks in the future.

Alexa: Lawyer Up: Safety Concerns with Connected Devices

Greg Kaminski and Joe Walsh

The Internet of Things (IoT) is a growing field of technology that is projected to reach 100 billion devices connected by 2030. These devices make life easier for the daily consumer, but as with any new emerging technology they can be used to delete evidence, evade, and harm law enforcement.

We consider safety before we visit a suspect’s residence to execute a search warrant or conduct an interview. But do we consider how we could be injured by Internet of Things devices or how they could be used maliciously to destroy evidence?

During this session, attendees will learn how Internet of Things devices could potentially injure law enforcement or cause evidence to be destroyed. A demonstration will be conducted to show how this might work.
Enhancing Information and Intelligence Sharing  
Session 6  

Utilizing the Homeland Security Information Network-Intelligence (HSIN-Intel) Platform for Unclassified Information Sharing and Collaboration  
Max Lassiter, Program Manager - U.S. Department of Homeland Security  
The Homeland Security Information Network-Intelligence (HSIN-Intel) Program Management Office (PMO) requests a 60-minute training session on the HSIN-Intel platform at the 2021 National Homeland Security Conference. This training session will provide an overview of HSIN-Intel and discuss its current and upcoming key tools and features. It will also include a live demonstration to familiarize users with the HSIN-Intel platform. Currently, HSIN-Intel has become the premier destination for sharing unclassified products and information, analytic collaboration, and real-time information exchange between federal and state, local, tribal, and territorial (SLTT) partners. The training session is targeted to federal and SLTT local partners, who can leverage the platform and its analytical tools.

Lessons Learned from Recent Events  
Session 6  

2020 Hindsight: A Tale of Collaboration from COVID to Insurrection  
Clint Osborn and Jerica Shackelford  
Take a journey back through 2020 with the District of Columbia Homeland Security and Emergency Management Agency. The year started with COVID-19, was stuffed with emergencies, and ended with violent extremists storming the US Capitol Building on January 6, 2021 and the 2021 Presidential Inauguration and we’re going to cover it all. In this session we will talk about what went right, what we maybe should have done a little differently, and a few things that could generously be referred to as “lessons learned”.  
We will also cover how we had been evolving our approach to incident management for the last several years – both locally and in collaboration with our partners throughout the National Capital Region UASI. We’ll cover how these changes made COVID more manageable, what we had to adjust on the fly and what we’ll keep doing going forward. You’ll also learn about how the relationships built through the UASI helped us flip the switch during the January 6th Insurrection to restore operations at the US Capitol Building and maintain our democracy though mutual aid and battle-tested regional coordination. You’ll laugh, we’ll cry, and we’ll all learn from each other.

Harnessing New Perspectives in Neuroscience to Address the Psychology of Fear in Homeland Security Effectiveness  
Sam McGhee and Anne McGhee-Stinson  
Law enforcement worldwide is experiencing massive transformation at an unprecedented pace. Social, economic, cyber systems, terrorism, and the blistering rate at which technology is advancing add to the complex stew within which the world’s homeland security practitioners must navigate. The impact of these rapidly changing environments has profound effects on officers’ health and wellness; coupled with the high demand for critical thinking, this requires higher order cognitive skills and the ability to focus
one’s mind on desired outcomes while in the face of fear and ever-evolving and complex threatening scenarios. Traditional homeland security training is steeped in habitual practice and behaviors. Sometimes this is beneficial but may inhibit an officer’s ability to respond effectively to morphing threats. In the last 25-30 years, the field of neuroscience has opened up new approaches for understanding brain function and its potential for developing enhanced future performance. This presentation explores several neuroscience implications and the advantages of addressing this potential in Homeland Security training. Homeland Security leaders will be challenged to integrate learning from the field of neuroscience to better prepare themselves and their officers with skills that enable them to adapt to rapidly mutating environments and the unpredictable threats of the future.

COVID 19 Response: Reaching the Whole Community especially the vulnerable

Michael McClendon and Michelle Carnahan

Harris County is 1777 square miles and has a population of 4.7 million people. Harris County is home to a very diverse population with over 145 languages spoken. Reaching all residents for Covid 19 response efforts proved a challenging task. The priorities became reaching people within 10 miles of their homes and engaging with local community and faith leaders in the area. Two call centers were set up one focusing specifically on testing and the other on vaccine efforts.

COVID 19 Testing-Harris County Public Health stood up 3 fixed testing sites throughout the county and repurposed 6 additional Mobile Clinics for COVID 19 testing in all areas of the community. The concept was trying to reach people within 10 miles of their home. To date the mobile units have been testing in the community since April 2020, over 55 weeks!

Outreach Information: Outreach information was provided by teams assembling kits that included information about vaccines, testing, masks, social distancing and hand washing were sent into the community to provide residents with information about Covid-19. The COVID-19 Outreach Team hit numerous milestones last week. HCPH has officially given out 350,000
masks and 115,000 Care Kits, reaching over 1.1 million people with information to date.

The COVID 19 Vaccines:
Coordinating appointments with 3 different vaccines and three sets of vaccine criteria and following dynamic sets of patient criteria with a newly developed internal app.

Reaching the vulnerable communities; strategies and challenges including:
- Transportation
- Language
- Technology
- Information sharing
- Strategic Community Partners

Lessons Learned from the Texas Airport Landside Security Workshop Series
Brandon Gentry
Commercial aviation remains a priority target for terrorists and other adversaries. Recent incidents in the U.S. and abroad – including attacks against airports in Moscow, Istanbul, Brussels, and Ft. Lauderdale – demonstrate the ongoing nature of the threat, and the logistical, financial, and psychological impacts that airport attacks can incur. In particular, “landside” areas of commercial airport terminals are particularly vulnerable to active shooters, improvised explosive devices (IEDs), and other threats. Baggage claim areas, curbside pick-up and drop-off zones, ticket counters, and security lines feature crowds of people and low security profiles, providing adversaries an opportunity for mass casualty attacks requiring minimum planning and preparation.

To address this risk, the Texas Office of Homeland Security at the Texas Department of Public Safety (DPS) has developed the Texas Airport Landside Security Workshop Series, which brings emergency management, law enforcement, and private sector stakeholders together to discuss landside airport terrorism response and identify best practices and areas for improvement. Since 2017, seven workshops have been conducted at airports across Texas, with additional events planned. This brief will review the workshop concept and approach, and will address key lessons learned from the workshops to date.

New Developments in the Fight Against Domestic Violent Extremism
Thomas E. Brzozowski
From El Paso to Monsey, the United States has experienced numerous domestic terror attacks in the last year. The FBI has revealed that it is currently running approximately 850 domestic terrorism investigations and FBI Director Christopher Wray has stated that "domestic violent extremists collectively pose a steady threat of violence and economic harm to the United States."

To discuss the current domestic terrorism threat and efforts to combat it, the Program on Extremism at The George Washington University hosted Thomas Brzozowski, Counsel for Domestic Terrorism at the Department of Justice (DOJ) on January 14, 2020. This discussion marked the fifth annual Program on Extremism conference on the state of domestic terrorism in the United States. Four years ago, in a speech delivered at the Program, former Assistant Attorney General John Carlin announced the creation of the Domestic Terrorism Counsel position within DOJ to help coordinate domestic terrorism matters within the Justice Department nationwide, and to assist in headquarters-level efforts to identify trends, analyze legal gaps, and shape the Department's strategy to respond to the threat. Since that time, the Program on Extremism has hosted a recurring discussion with the Counsel for Domestic Terrorism.

### Counterterrorism

**Session 7**

**Protecting Public Buildings Against Violent Civil Unrest**

Panelists: Gary Schofield, Sasha Larkin, and Tom Evernham

In recent years in the United States, increased domestic tensions, targeted violence, and disinformation, have made public buildings more frequent targets of violent civil unrest. Understanding the current threat environment with its evolving tactics is critical for risk management and preparedness efforts. Lessons learned and best practices from real world incidents by those who have firsthand experience is invaluable.

The Chief of the Interagency Security Committee (ISC) will moderate a panel of senior security professionals/practitioners who will share perspectives on the contemporary threat and how to prepare/respond to it based on their recent experience confronting these incidents. Their knowledge and lessons learned may be applied to facilities accessible to the public in any country, including U.S. federal buildings, state, municipal and private sector buildings accessible to the public.

**Leveraging Emergency Management for Cybersecurity Preparedness**

Netta Squires and Brian Yelin

### Cybersecurity

**Session 7**

#NHSCCombatingDomesticViolentExtremism

#NHSCCounterterrorism

#NHSCybersecurity
El Paso 8/3: Compassion and Terror on the Borderland
Jorge A. Rodriguez and Dr. Krista Flannigan

On August 3, 2019 the El Paso suffered a domestic terror attack by a sole active shooter at a Walmart store killing 23 and injuring 25 others. During this act of mass violence, first responders acted quickly to secure the scene, take custody of alleged shooter and save lives. Leveraging lessons learned and colleague guidance from previous mass shootings (e.g. Las Vegas, Orlando, etc.), El Paso OEM established recovery and resiliency framework outlining the long-term community recovery for the weeks and months ahead. The framework empowered El Paso’s resiliency by providing a coordination structure that facilitated communication and collaboration among all stakeholders.

Communities using the framework before incident will be able to implement timely recovery actions by establishing agency partnerships, agreements and the pre-identification of key resources. Use during and after an incident, communities can expedite the establishment of an effective, inclusive structure to pro-actively plan for “expected surprises” and common challenges evident in these events. Today, El Paso is working with the Improving Community Preparedness to Assist Victims of Mass Violence or Domestic Terrorism: Training and Technical Assistance (ICP TTA) program, funded through the Office for Victims of Crime, to establish a model framework and victim response plan.

Texas Power Grid Disruptions and the Implications for Grids Everywhere
Michael Lambert

While the electric power generation issues faced by Texans during the week of February 14, 2021 were largely brought on by weather-related mechanical failures, the roots of the problem can be traced back to failures of the industry, regulators and policymakers to understand and resolve preparedness gaps. Many of those gaps were known well in advance and it can be argued that lessons from previous, similar conditions went unlearned.

It can also be argued that this “whistling past the graveyard” is common regarding significant threats to power grids everywhere.

Although the outages on the stand-alone portion of the Texas grid were weather-related, they shine a light on the fragility of all power grids and their vulnerability to a wide-range of hazards, threats and circumstances that fall outside of their established and accepted operating parameters.

This presentation provides a high-level briefing on the near collapse of the Texas grid and a look at some of the lessons learned that are applicable to a wider set of threats. Finally, it will seek to engender an ongoing discussion between and among emergency managers regarding planning, preparedness, response and recovery from a long-duration, wide-spread “grid-down” incident.
Public Health
Session 7
#NHSCPublicHealth

Public Health & Emergency Preparedness – Partnership for Success
Dr. Todd S. Nicolson

Training and Exercise
Session 7
#NHSTrainingandExercise

Active Shooter: Conducting a Multi-Agency Full Scale Exercise with Local Law Enforcement, County Fire, & Local Healthcare System
Mateika Martin

Combating Domestic Violent Extremism
Session 7
#NHSCCombatingDomesticViolentExtremism

Protecting Public Buildings Against Violent Civil Unrest
Gary Schofield, Sasha Larkin, and Tom Evernham

In recent years in the United States, increased domestic tensions, targeted violence, and disinformation, have made public buildings more frequent targets of violent civil unrest. Understanding the current threat environment with its evolving tactics is critical for risk management and preparedness efforts. Lessons learned and best practices from real world incidents by those who have firsthand experience is invaluable.

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The New Face of Targeted Violence: How Colorado’s North Central Homeland Security Region is Creating Community-Wide Strategies to Address this Morphing Threat

Panelists: Sam McGhee, Sammie Wicks, Jenny Presswalla, and Eric Jergenson

Law enforcement and homeland security worldwide is experiencing massive transformation at an unprecedented pace. Social, economic, cyber systems, terrorism, and the blistering rate at which technology is advancing add to the complex stew within which the world’s homeland security practitioners must navigate.

The impact of these rapidly changing environments and the threats toward particular groups and individuals that can result in emerging threats producing fear within our communities. Now more than ever, new and emerging thinking and powerful partnerships are needed to ensure valuable information is shared between government entities and the community; educational opportunities are offered for better understanding; community members are afforded reporting mechanisms; various opportunities to intervene are established within the law enforcement, mental health and other key community components; and research components are established for improved understanding at the academic, social and mental health levels.

In Colorado, the Aurora and Denver Police Departments, Denver Division of the FBI, Department of Homeland Security Office for Targeted Violence and Terrorism Prevention, and the University of Denver’s Colorado Resilience Collaborative have created a powerful coalition for approaching targeted violence with thorough understanding of the contributing factors, behavioral understanding, education as well as an enforcement element.

Cybersecurity Drivers – What Makes Public Safety Unique?

Robert (Dusty) Rhoads
Lessons Learned from Recent Events

**Session 8**

#NHSCRecentEventLessons

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**Fire, Health, and Police: Unity in Unified Command**

Sandy Wedgeworth, James Underwood, and Brian McPhail

Having received national recognition for its recent COVID-19 vaccination operations, the Long Beach Health Department owes much of its success to the early implementation of the city’s all-hazards incident management team (IMT). Having developed a close relationship with their IMT, the Health Department integrated them early in their COVID-19 response. This experience of working in coordination with its fire and law enforcement peers, while not typical for a public health response, led to many opportunities and lessons learned. With operations that included mass testing, shelters, mass fatality, and mass vaccination, the Long Beach IMT effectively met the needs of its community. Working closely with its partners in healthcare, airport, and maritime sectors, the Long Beach IMT played a significant role in ensuring a timely response to address surges in cases, shortages in resources, and increase in public uneasiness. Even during an event of civil unrest, the team remained undeterred in its mission to respond to the pandemic. This presentation will focus on the background of the Long Beach IMT, the inclusion of public health members in incident command system roles traditionally led by fire and law enforcement personnel; and why unity in unified command is important to an emergency response.

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**Impacts of Social Unrest on Emergency Services – Case Study: Seattle’s CHO**

Harold D. Scoggins

During the summer of 2020 in Seattle, Washington, individuals participating in the Capitol Hill Organized Protest (CHOP) occupied a six-block, self-declared autonomous zone in the City’s Capitol Hill neighborhood. Members of the CHOP protested the existing policing model in Seattle and demanded that the Seattle Police Department’s budget be cut by fifty percent. Protesters’ forced Seattle Police to abandon the East Precinct located in the boundaries of the CHOP. Tensions were high and aggression towards Seattle Police drew nationwide attention. Unrest within the CHOP created a volatile environment for first responders to enter. The Seattle Fire Department actively worked with leaders of this self-proclaimed community to develop emergency response plans in the event life safety services were needed. Five shootings occurred over nine days, leaving a 16-year-old dead.

Seattle Fire Chief, Harold Scoggins, discusses how he and other City leaders maintained public safety while ensuring responder safety during one of Seattle’s most challenging periods of social unrest.
Hidden in Plain Sight: Reducing the Terrorism Risk of life saving Radiological Materials in Healthcare Facilities

Edward Baldini, Michelle D Heckle, CHEP; Cathleen Edmonds, Todd J. Piantedosi, Collin Ma, Eric Banares, and Ken Smith

An act of radiological terrorism in a major city in the United States would have significant social and economic impacts on the region, in some cases amounting to billions of dollars including forcing the relocation of people and businesses from contaminated areas. Most of the highest priority radiological materials that could be used in a Radiological Dispersal Device (RDD) are located in healthcare facilities in major U.S. cities. Recognizing the magnitude of this threat, the National Nuclear Security Administration’s Office of Radiological Security (ORS) has launched the RADSECURE 100 Initiative. This Initiative prioritizes radiological security enhancements in that begun in top 20 UASI jurisdictions and expanded to 100 U.S. cities where the effects of radiological terrorism would be most acute. The Initiative promotes all three ORS strategies – Protect, Remove, and Reduce – in the major urban areas.

Protect – For those buildings in the major cities where Reduce and Remove permanent risk reduction actions are not viable, ORS will implement protection enhancements.

Reduce – ORS will promulgate information and resources to sites on alternative technologies that could replace cesium-based blood and/or research irradiators.

Remove – Through the Off-Site Source Recovery Project (OSRP), ORS will prioritize the removal of disused cesium-137 and cobalt-60 devices.

Lessons Learned from a 28 Hospitals and City Agencies: Pediatric Disaster Exercise

Panel Discussion: Dr. Michael Frogel, John Jermyn, and Dr. Arthur Cooper

The New Face of Targeted Violence: How Colorado’s North Central Homeland Security Region is Creating Community-Wide Strategies to Address this Morphing Threat

Sam McGhee, Sammie Wicks, Jenny Presswalla, and Eric Jergenson

Law enforcement and homeland security worldwide is experiencing massive transformation at an unprecedented pace. Social, economic, cyber
systems, terrorism, and the blistering rate at which technology is advancing add to the complex stew within which the world’s homeland security practitioners must navigate.

The impact of these rapidly changing environments and the threats toward particular groups and individuals that can result in emerging threats producing fear within our communities. Now more than ever, new and emerging thinking and powerful partnerships are needed to ensure valuable information is shared between government entities and the community; educational opportunities are offered for better understanding; community members are afforded reporting mechanisms; various opportunities to intervene are established within the law enforcement, mental health and other key community components; and research components are established for improved understanding at the academic, social and mental health levels.

In Colorado, the Aurora and Denver Police Departments, Denver Division of the FBI, Department of Homeland Security Office for Targeted Violence and Terrorism Prevention, and the University of Denver’s Colorado Resilience Collaborative have created a powerful coalition for approaching targeted violence with thorough understanding of the contributing factors, behavioral understanding, education as well as an enforcement element.
For information about specific tracks and sessions, please contact the Track Leads listed below. Without their work, this conference would not be possible.

- **Counterterrorism**
  - Douglas DeLancey - Chief, Counter-Improvised Explosive Device Strategy, Integration and Communications Branch, Office for Bombing Prevention

- **Cybersecurity**
  - Dawn Thomas - CNA

- **Enhancing Information and Intelligence Sharing**
  - Sheryl Jardine - Seattle Office of Emergency Management

- **Grants, Policy, Personnel, & Program Management**
  - Mark Silveira - DHS

- **Innovative Practices**
  - Elizabeth Dunn - University of South Florida, College of Public Health

- **Training and Exercise**
  - Michelle Carnahan - Harris County, TX Public Health

- **Lessons Learned from Recent Events**
  - Terry Stoltzman - Anoka County, Minnesota

- **Planning**
  - Jennifer Schaal - City of Seattle Office of Emergency Management

- **National Exercise Program**
  - Patrick Campion - Preparedness Advisors LLC

- **Public Health**
  - Elizabeth Dunn - University of South Florida, College of Public Health
COMBATING DOMESTIC VIOLENT EXTREMISM

Exhibitor Presentation

- David Kontny – Federal Bureau of Investigation
- Patrick Campion - Preparedness Advisors LLC
Booth 420
Mallory Safety and Supply

Booth 510
Meridian Rapid Defense Group

Booth 235
Merit

Booth 514
Mission Critical Energy Inc

Booth 229
Navigate360

Booth 332
Nightlock Lockdown

Booth 201
Office for Bombing Prevention

Booth 308
Office of Radiological Security/Sandia National Laboratories

Booth 428
Radiation Solutions Inc.

Booth 309
Rave Mobile Safety

Booth 526
Raytheon Blackbird Technologies

Booth 506
RDPC - Rural Domestic Preparedness Consortium.

Booth 224
SAFE Boats International

Booth 213
SenseMakers LLC

Booth 409
Summit Exercises and Training

Booth 209
TacMed Solutions

Booth 402
Teledyne FLIR

Booth 408
Thales Trusted Cyber Technologies

Booth 413
The Olson Group, Ltd.

Booth 435
Thunder Creek Equipment
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HOST SOCIAL
Allegiant Stadium
Wednesday Sept 1st 6-10PM

Be one of the first ever to party in the 20,600 square foot Modelo Cantina Club at Allegiant Stadium where you will enjoy an open bar and an array of epicurean delights throughout the evening.

Live music provided by the legendary Australian BeeGees, a "Las Vegas favorite" Lisa Marie Smith, as well as hang out with the Raiderettes and if we’re lucky, Elvis might stop by for a drink!

The host social at Allegiant Stadium is sure to be a night to remember!
The National Homeland Security Association Board of Directors extends our sincere appreciation to Clark County and the City of Las Vegas!