



# ESF 15 Business / Nonprofit Update

Produced by Emergency Support Function 15 – External Affairs

July 2015

## ITEMS OF INTEREST FOR ESF 15

### Heat Safety for Older Adults

The county's Health Department warns people 65 years and older to take heed of recommendations by the Centers for Disease Control and Prevention (CDC) for staying cool this summer. People 65+ along with children under 2 and people with chronic illness are considered at higher risk of health complications from heat. The CDC recommendations include:

- Staying in air-conditioned buildings as much as possible. Contact your local health department or locate an air-conditioned shelter in your area. Air-conditioning is the number one protective factor against heat-related illness and death. If a home is not air-conditioned, people can reduce their risk for heat-related illness by spending time in public facilities that are air-conditioned, and using air conditioning in vehicles.
- Not relying on a fan as your primary cooling device during an extreme heat event.
- Drinking more water than usual and don't wait until you're thirsty to drink.
- Checking on a friend or neighbor and have someone do the same for you.
- Not using the stove or oven to cook – it will make you and your house hotter.

The county's Cooling Assistance and Fan Care Programs will help qualifying residents keep their homes cool this summer. Find out more at [www.fairfaxcounty.gov/dfs/ss/cooling\\_assistance.htm](http://www.fairfaxcounty.gov/dfs/ss/cooling_assistance.htm).

CDC: [www.cdc.gov/features/extremeheat/](http://www.cdc.gov/features/extremeheat/)

Health Department: [www.fairfaxcounty.gov/hd](http://www.fairfaxcounty.gov/hd)

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### FEMA's New Protecting Houses of Worship Web Page

The information on FEMA's new Web page provides specific and actionable steps you can take to protect your house of worship. These resources can help prepare your house of worship for disasters and emergencies, and implement practices that will mitigate their damage. This includes an active shooter event. There is, of course, no way to guarantee complete safety. But there are ways to decrease risks and increase safety. This new Web page complements ongoing efforts to encourage partnership between faith leaders and local first responders via the "Guide for Developing High Quality Emergency Operations Plans for Houses of Worship." Available since 2013, this guide is designed to be scalable for use by small to large-sized houses of worship in order to help navigate the planning process for emergencies. The guide is also available at the same web page, [fema.gov/protecting-houses-worship](http://www.fema.gov/protecting-houses-worship).

### NIH-funded Vaccine for West Nile Virus Enters Human Clinical Trials

A clinical trial of a new investigational vaccine designed to protect against West Nile Virus infection will be sponsored by the National Institute of Allergy and Infectious Diseases (NIAID), part of the National Institutes of Health. The experimental vaccine was discovered and developed by scientists at the Oregon National Primate Research Center at Oregon Health & Science University (OHSU) in Portland. The scientists were funded with a \$7.2

million grant from NIAID, awarded in 2009. The new vaccine is being tested in a Phase 1 clinical trial at Duke University in Durham, North Carolina, one of NIAID's Vaccine and Treatment Evaluation Units (VTEUs). Most commonly spread through the bite of infected mosquitoes, West Nile Virus (WNV) infection is typically a seasonal epidemic in the United States that begins in late spring or early summer and continues into the fall. Last year, 2,205 cases of WNV disease and 97 related deaths were reported in the United States.

<http://www.nih.gov/news/health/jul2015/niaid-06.htm>

# FEELING PARCHED?

REMEMBER TO STAY HYDRATED.

CHECK OUT:  
[FAIRFAXCOUNTY.GOV/EMERGENCY](http://FAIRFAXCOUNTY.GOV/EMERGENCY)



## New CDC Study Highlights Burden of Pneumonia Hospitalizations Among U.S. Adults

When U.S. adults are hospitalized with pneumonia, viruses are more often to blame than bacteria. However, despite current diagnostic tests, neither viruses nor bacteria are detected in the majority of these patients according to a study by the Centers for Disease Control and Prevention (CDC) released this month in the "New England Journal of Medicine." This two-and-a-half year study conducted by researchers at CDC, three hospitals in Chicago, and two hospitals in Nashville estimated the burden of community-acquired pneumonia hospitalizations among U.S. adults. "Pneumonia is a leading cause of hospitalization and death among adults in the United States and in 2011 the medical costs exceeded \$10 billion," said CDC Director Tom Frieden, M.D., M.P.H. "Most of the time doctors are unable to pinpoint a specific cause of pneumonia. We urgently need more sensitive, rapid tests to identify causes of pneumonia and to promote better treatment." The CDC Etiology of Pneumonia in the Community (EPIC) study was a prospective, multi-center, population-based study that used chest x-rays and extensive diagnostic methods to determine the incidence and etiology of community-acquired pneumonia hospitalizations among U.S. adults. Participants in the study were enrolled from January 2010 through June 2012 in three hospitals in Chicago and two in Nashville. Study participants provided specimens that were tested for viral and bacterial respiratory pathogens.

<http://www.cdc.gov/media/releases/2015/p0714-pneumonia-hospitalizations.html>



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### Who Turned Out the Lights?

Do you remember the biggest blackout in U.S. history? In 2003, a widespread power outage struck the Northeast leaving more than 50 million people without electricity. Power outages can happen anytime, so preparation is important. Since the length of an outage can vary from a few hours to several days, you should plan to get by without utilities for at least three days.

In addition to having a family emergency communications plan and disaster supply kit, The Ready Campaign offers tips to prepare for a power outage:

- Keep your car gas tank at least half full. Gas stations rely on electricity to power their pumps.
- Fill plastic containers with water and freeze them. These items will help food stay cold during the outage.
- Keep a set of house keys with you if you normally use your garage to enter your home in case the garage door does not work.

Your response during the blackout can also impact your safety. Here are some tips to follow:

- Only use flashlights for lighting. Never use candles.
- Do not run a generator inside your home or garage.
- Keep your refrigerator and freezer doors closed so your food stays as fresh as possible.

[www.ready.gov/power-outage](http://www.ready.gov/power-outage)

Reprinted from FEMA's "Individual and Community Preparedness e-Brief," July 24 edition

## PLANNING / PREPAREDNESS

### How is Virginia Preparing for its Next Earthquake?

Following a 5.8 magnitude earthquake that hit Virginia in 2011, geologists Wendy Kelly and Anne Witt are compiling a database that will allow them to better understand the geologic landscape. "We have a basic map, but those are very generalized faults for the entire state. This will be taking all the data we have, historical and modern, and compiling it all," Witt told [Phys.org](http://Phys.org). A new look at the data has allowed the scientists to identify three major zones where earthquakes originate. The scientists expect that their research will also assist geologists across the country to understand how earthquakes like Virginia's 2011 event have such far-reaching effects.

<http://www.govtech.com/question-of-the-day/Question-of-the-Day-for-07062015.html>



### Deadly Dangers of Flying Debris

From The Weather Channel, an interesting video as State Farm goes behind the science of flying debris. Watch as a 2-by-4, shot out of a canon at tornado wind speeds, hits both walls and windows. Then check out the damage from a little hail. This video is a great reminder of the force of tornado force winds – and why you need to go to a windowless room in your home during severe weather.

<http://www.weather.com/tv/shows/amhq/video/deadly-dangers-of-flying-debris>

Video from The Weather Channel

### Preparedness Tips for Individuals with Disabilities and Others with Access and Functional Needs

July 26, 2015 marks the 25th Anniversary of the Americans with Disabilities Act (ADA). This historic civil rights law prohibits discrimination against people with disabilities in state and local government and private entities and facilitates equal physical, programmatic, and effective communication access for all Americans. The primary purpose

of the ADA is to:

- Mandate the elimination of discrimination against individuals with disabilities.
- Establish enforceable standards for the elimination of discrimination against individuals with disabilities;
- Ensure that the federal government plays a central role in enforcing these standards.
- Use congressional authority to regulate commerce, in order to address major areas of discrimination faced by individuals with disabilities.

While much progress has been made since the bill was signed in 1990, barriers still remain for many children and adults with disabilities. These barriers to accessibility can easily be exacerbated during a disaster. FEMA recommends those individuals with disabilities and others with access and functional needs plan for their specific health, safety, and independence during a disaster by taking charge of their personal emergency preparedness. Use the following tips to build an individualized disaster supply kit:

- Stock a basic disaster supply kit.
- Create a plan for sheltering at home, at work and on the road.
- Inventory what you use every day to maintain your health, safety and independence. Identify essential items you and your family will need to survive for three to five days or longer, if emergency responders or other people cannot get to you following an emergency or disaster and if you have needs that are not easily accommodated, even when you aren't on your own.
- Carry a pad for several days as you go about your usual routines and jot down anything that might be difficult for you to manage without in an emergency, and then begin to brainstorm solutions that might work for you.
- Stock your kit with essential items which may include durable medical equipment, medical supplies, assistive technology devices, food for your specific dietary needs, prescription medicines, diabetic supplies, hearing aid batteries, phone charger and back up battery, an analog-based landline phone (and TTY if you use this technology), manual wheelchair, seat cushion, egg crate padding and other medical equipment and mobility devices you may need to maintain your health, safety and independence, and supplies for your service animal.
- Plan for the specific needs of children with disabilities and people who may have difficulty in unfamiliar or chaotic environments. This may include handheld electronic devices loaded with movies and games (and spare chargers), sheets and twine or a small pop up tent to decrease visual stimulation in a busy room or to provide instant privacy, headphones to decrease auditory distractions, comfort snacks and toys that meet needs for stimulation.

More information can be found at [www.ready.gov/individuals-access-functional-needs](http://www.ready.gov/individuals-access-functional-needs) and [www.ada.gov/](http://www.ada.gov/).

*Reprinted from FEMA*

### Hotel Fire Safety

One of the most exciting aspects of summer is summer vacation. However, don't forget that if summer vacation includes staying in a hotel, fires can also happen there. Each year, there are about 3,900 hotel fires. Families can be kept safe by finding a hotel with the best fire safety tools, such as smoke alarms and automatic sprinklers in each room. The United States Fire Administration (USFA) offers a list of these hotels (<http://apps.usfa.fema.gov/hotel/>). Once checked into a hotel, the whole family can get involved in fire safety by:

- Reading the evacuation plan for the hotel. This is usually on the inside of the room door.
- Finding the two closest exits from the room.
- Counting the number of doors between the room and the exits. This is helpful if you need to leave the room in the dark.

More information on hotel safety can be found at [www.usfa.fema.gov](http://www.usfa.fema.gov). Download the "Hotel Fire Safety" guide (PDF) at [http://www.usfa.fema.gov/downloads/pdf/focus/jul\\_2012\\_hotel.pdf](http://www.usfa.fema.gov/downloads/pdf/focus/jul_2012_hotel.pdf).

*Reprinted from FEMA's External Affairs Bulletin, week of July 20 edition*



### National Terrorism Advisory System

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The Department of Homeland Security's (DHS) National Terrorism Advisory System (NTAS) is a robust terrorism advisory system that provides timely information to the public about credible terrorist threats and replaces the former color-coded alert system. Under NTAS, DHS will coordinate with other federal entities to issue detailed alerts to the public when the federal government receives information about a credible terrorist threat. NTAS alerts provide a concise summary of the potential threat including geographic region, mode of transportation, or critical infrastructure potentially affected by the threat, actions being taken to ensure public safety, as well as recommended steps that individuals, communities, business and governments can take to help prevent, mitigate or respond to a threat. NTAS Alerts will include a clear statement on the nature of the threat, which will be defined in one of two ways:

- "Elevated Threat": Warns of a credible terrorist threat against the United States.
- "Imminent Threat": Warns of a credible, specific, and impending terrorist threat against the United States.

Depending on the nature of the threat, alerts may be sent to law enforcement, distributed to affected areas of the private sector, or issued more broadly to the public through both official and social media channels – including a designated DHS webpage ([www.dhs.gov/alerts](http://www.dhs.gov/alerts)), Facebook and via Twitter @NTASAlerts. NTAS alerts and posters will also be displayed in places such as transit hubs, airports and government buildings. NTAS threat alerts will be issued for a specific time period and will automatically expire. Alerts may be extended if new information becomes available or as a specific threat evolves. For more information on the National Terrorism Advisory System or to receive NTAS alerts, visit [www.dhs.gov/alerts](http://www.dhs.gov/alerts).

### **Emergency Alerts (Fairfax Alerts) – In the Know, On the Go**

Get emergency alerts by email, as well as by text or pager. Sign up at [www.fairfaxcounty.gov/alerts](http://www.fairfaxcounty.gov/alerts).

#### **You Choose the Type of Alerts**

- Pick the types of weather alerts you wish to receive, along with traffic and public safety alerts.
- Create a "do not disturb" timeframe when you don't want to receive weather alerts.
- Learn about county government non-emergency notices such as taxes and elections.

#### **Alerts for Many Different Devices**

- Choose up to 10 delivery methods like home phone, cell phone, email, text messaging and more.
- Manage your Fairfax Alerts profile from your phone by downloading the iPhone or Android app.
- Mobile app allows for two-way conversations with emergency managers and does not use text messaging service.

#### **Alerts for Your Locations**

- Customize your Fairfax Alerts with up to five addresses, i.e., school, work and home.
- Get geo-targeted weather alerts based on the addresses you define.
- Weather advisories for you, your family, home, business, school, child care and more.

If we can't reach you, we can't alert you. Sign up for free emergency alerts today at [www.fairfaxcounty.gov/alerts](http://www.fairfaxcounty.gov/alerts).



## **MEDIA ARTICLES OF INTEREST**

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### **State Health Officials Warn New Yorkers to Guard Against West Nile Virus**

Public health officials in New York State are reminding residents of the dangers posed by mosquitoes after West Nile Virus was found in two counties. People can protect themselves by eliminating standing water in their yards, the state Department of Health said early this month. West Nile Virus has been found in mosquitoes trapped this year in Rockland and Suffolk counties. It's the first time this year the disease has been identified in the state.

<http://www.nydailynews.com/life-style/health/west-nile-virus-season-precaution-article-1.2282466>



### **How Ready is Your Business to Manage an Emergency?**

A recent power outage in Charleston, W. Va., provided a reminder of the importance of disaster planning. Business leaders say it's critical to train workers, plan for how to protect vulnerable inventory and keep the lines of communication open. Business owners can't always plan to avoid disaster — storms, power outages, floods — but can plan to be ready.

<http://www.charlestondaily.com/article/20150705/DM05/150709677/1280>

### **Arizona State University Awarded Minerva Grant to Research Terrorist Use of Social Media**

Amid reports of terrorist mastery of online tools and social media to spread propaganda and recruit followers, Arizona State University (ASU) was awarded the highly competitive Department of Defense (DoD) Minerva grant to research what makes certain information “go viral” in an effort to determine how the online actions of terrorists can be negated. The Minerva Initiative is a DoD-sponsored, university-based social-science research initiative launched by the Secretary of Defense in 2008. It focuses on areas of strategic importance to US national security. This is the second time ASU has been chosen for a Minerva award. ASU will use the grant to develop a new logic-based framework to better understand the mindset and motivations of extremist groups. This project will pay special attention to Southeast Asia, West Africa, Western Europe and the Middle East. In turn, researchers hope to use this information to assist intelligence officials in predicting how conversations are tied to actual threats. From this point, new methods can be created to counter terrorist messaging strategies.

<http://www.hstoday.us/single-article/arizona-state-university-awarded-minerva-grant-to-research-terrorist-use-of-social-media/8ccb655066e27c7103573a96721f3bae.html>

### **Report: 18 States and D.C. Fail to Meet Emergency Standards for Kids**

Eighteen states and the District of Columbia still fall short on at least one basic element of care in child evacuation plans for major disasters. As of 2015, 32 states have met all elements of Save the Children's criteria compared to just four states in 2008.

<http://www.13newsnow.com/story/news/nation-now/2015/07/27/save--children-disaster-preparedness-states-report/30566357/>

## **FLU / EBOLA**

### **HHS Launches Ebola Education Center**

The U.S. Department of Health and Human Services has launched a National Ebola Training and Education Center. The center is a collaborative effort of HHS' Office of the Assistant Secretary for Preparedness and Response, the Centers for Disease Control and Prevention, Emory University in Georgia, University of Nebraska Medical

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Center/Nebraska Medicine and Bellevue Hospital Center in New York. These entities will co-lead the center, which will support further training of healthcare providers and facilities on strategies to manage Ebola and other emerging infectious diseases. The National Ebola Training and Education Center will offer state health departments and healthcare facilities access to the clinical expertise and training capabilities offered by these institutions. For more information on how to access the expertise through the National Ebola Training and Education Center, email [hpp@hhs.gov](mailto:hpp@hhs.gov).

<http://mhanewsnow.typepad.com/prepared/2015/07/hhs-launches-ebola-education-center.html>

### **WHO Failed in Ebola Outbreak**

A report released early this month was expected to slam the World Health Organization's Ebola response, according to an early copy seen by BBC News. Among other things, the report says the WHO lacked the "capacity and culture" to respond to such a large-scale outbreak. "To me, coming from somewhere like Oxfam, which is an emergency culture, you are very much, if you like, on the front foot. You are always trying to prevent a situation coming through or grab it when it starts and really get it under control very fast and those are some of the internal changes that have to be made at WHO," said the report chairman. "We will be making recommendations to the WHO about how it needs to change itself."

<http://www.thedailybeast.com/cheats/2015/07/07/report-who-failed-in-ebola-outbreak.html>

### **CDC Versus Ebola: The Road to Zero**

The Ebola epidemic that began in West Africa in early 2014 continues today. With more than 27,000 reported Ebola cases and more than 11,000 deaths, the scope has been unprecedented. Equally extraordinary is the scale and duration of the response by the Centers for Disease Control and Prevention and partners. Today, CDC is releasing a multimedia report describing the experiences of the agency's Ebola responders. Since the outbreak began, CDC has sent more than 1,200 experts in various disciplines to Guinea, Liberia, Sierra Leone, and surrounding countries. Many deployed more than once and also volunteered to return as long as the epidemic persists. Thousands more CDC staff have worked on the response from the agency's Atlanta headquarters, as well as in hospitals, labs and airports; other CDC campuses in the U.S., and CDC country offices around world. The report highlights CDC employees' work testing blood samples in field laboratories, traveling remote trails and rivers to track case contacts, teaching Ebola prevention strategies in local communities, protecting borders by screening and monitoring travelers, and strengthening hospital infection control practices.

<http://www.cdc.gov/media/releases/2015/p0709-cdc-vs-ebola.html>

### **Inhalable Vaccine Could Stop Further Ebola Outbreaks From Happening**

Ebola is a particularly deadly disease that has already claimed the lives of more than 11,000 people in the world, mostly in West African countries. While a cure for the illness has yet to be introduced, scientists in the United States have developed a potential inhalable vaccine that could pave the way for an effective treatment. In a study featured in the "Journal of Clinical Investigation," researchers from the University of Texas Medical Branch (UTMB) in Galveston and the National Institutes of Health (NIH) in Maryland created a new aerosol vaccine against Ebola that is capable of activating immune cells in the respiratory system.

<http://www.techtimes.com/articles/68670/20150714/inhalable-vaccine-could-stop-further-ebola-outbreaks-from-happening.htm>

### **Gaithersburg Biotech Gets Millions to Work on an Ebola Drug**

Gaithersburg, Md.-based Emergent BioSolutions Inc. plans to develop and manufacture a new drug to treat Ebola after receiving a nearly \$20 million federal contract. Emergent (NYSE: EBS) received the two-year, \$19.7 million contract through the Biomedical Advanced Research and Development Authority, or BARDA, the company recently reported. The work will be conducted at Emergent's Baltimore facility, designated in 2012 as one of only three Centers for Innovation in Advanced Development and Manufacturing to respond rapidly to national needs for medical countermeasures. Infection Control Today, citing the U.S. Department of Health and Human Services, reported that Emergent's experimental monoclonal antibody drug is similar to the better-known ZMapp, produced by Mapp Biopharmaceuticals, based in San Diego, Calif.

<http://www.bizjournals.com/washington/blog/2015/07/gaithersburg-biotech-gets-millions-to-work-on.html>

### **HHS Partnership Advances Experimental Ebola Drug**

One of the nation's centers dedicated to developing and manufacturing drugs and vaccines for emergencies will produce a novel therapeutic drug to treat Ebola virus disease under a task order issued by the U.S. Department of Health and Human Services (HHS). This is the first task order to a Center for Innovation in Advanced Development and Manufacturing (CIADM) and will support the ongoing global public health response to the Ebola epidemic in West Africa. Under the two-year, \$19.7 million task order from BARDA, Emergent BioSolutions of Gaithersburg, Md., will begin advanced development and manufacturing activities for an experimental monoclonal antibody drug at its Baltimore Bayview CIADM. The Emergent facility is one of three CIADMs established as public-private partnerships with BARDA in 2012 to respond rapidly to national needs for medical countermeasures. Over the last three years, the CIADM partners have been designing and building the necessary physical infrastructure, including facilities and manufacturing lines, for the CIADMs.

<http://www.hhs.gov/news/press/2015pres/07/20150720b.html>

### **Avian Flu Impacting U.S. Poultry Industry**

The avian flu has killed off over 48-million chickens and turkeys in the U.S. since December of last year. Some agriculture experts fear — the virus could get worse. With the outbreak of highly pathogenic avian influenza, or HPAI, the current bird flu strand is killing millions of birds that could mean higher process, with less supply of meat and eggs.

<http://www.wbko.com/home/headlines/Avian-Flu-impacting-US-poultry-industry-312332371.html>

### **Bird Flu Outbreak Has Virginia Farmers and Leaders on Alert**

The most serious avian influenza outbreak on record in America has devastated flocks in the West and Midwest, but Virginia's economy could take a serious hit if the virus makes it way to the Commonwealth.

<http://www.nbc29.com/story/29537560/bird-flu-outbreak-has-va-farmers-and-leaders-on-alert>

### **Fairfax County Flu Preparedness**

Be sure to visit the county's flu Web page for information and news on flu and flu preparedness.

<http://www.fairfaxcounty.gov/flu>



## **TRAININGS / EXERCISES / CONFERENCES**

### **Defense Strategies Institute (DSI) Cyber Security for National Defense Symposium**

Aug. 4-5; Alexandria, Va.

The Cyber Security for National Defense Symposium offers educational and training “town hall” forum. The symposium focuses on increasing the security and resilience of the nation's critical networks, which operate freely in the cyber domain, and protecting infrastructure in support of national defense and homeland security.

<http://cybersecurity.dsigroup.org/>

### **Hurricane Sandy Conference: Translating Research Into Practice**

Aug. 10-11; New York, N.Y.

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Shortly after Hurricane Sandy, a series of two-year research grants were funded to examine long-term recovery of health systems and communities in areas of the country hard hit by the storm. This conference shares the research outcomes and products, and discusses next steps for translating the research findings into public health policy and practice.

<http://www.phe.gov/Preparedness/planning/science/research-conference/Pages/default.aspx>

### **APCO 2015 Conference & Expo**

Aug. 16-19; Washington, D.C.

The Association of Public-Safety Communications Officials (APCO) annual conference will bring together leading public safety communications professionals from all across the United States. This year's theme is "Explore, Inspire, Achieve."

<http://www.apco2015.org/>

### **Intelligence & National Security Summit**

Sept. 9-10; Washington, DC

The Intelligence and National Security Summit features plenary sessions with top federal agency leaders and policymakers sharing their assessments and priorities for U.S. national defense and homeland security intelligence. In addition, nine breakout sessions explore emerging issues and solutions related to intelligence policy, cyberthreats, technology, and innovation.

<http://www.intelsummit.org/>

### **TacOps East Tactical Training Conference & Expo 2015**

Sept. 9-11; Arlington, Va.

The TacOps East Tactical Training Conference and Expo 2015 brings together officers, trainers, vendors and departments from across the country, to provide attendees with interesting and innovative law enforcement training. TacOps 2015 will include leadership, instructor, disorder control, K-9, negotiator and sniper training; in addition to an expanded exhibit space.

<http://www.tacopseast.com/>

### **4th Military Tactical Communications Summit**

Sept. 22-23; Alexandria, Va.

The 4th Military Tactical Communications Summit is an educational and training "town hall" forum, where thought leaders and key policymakers across U.S. military and civilian organizations come together for actionable discussions and debate. The Summit focuses on a networked approach to providing communications at the tactical edge.

<http://tacticalcommunications.dsigroup.org/>

### **National Safety Council Congress & Expo**

Sept. 26-Oct. 2; Atlanta, Ga.

The National Safety Council Congress & Expo is the largest annual must-attend event for safety, health, and environmental professionals. For more than 100 years, professionals have turned to this event for industry-leading technology, education, networking opportunities, and the tried-and-true products and services needed to stay at the forefront and remain competitive within the industry.

<http://www.congress.nsc.org/nsc2015/public/content.aspx?ID=2551&sortMenu=102000>

### **Integrated Air and Missile Defense 2015**

Sept. 28-30; Washington, D.C.

Don't miss the opportunity to meet with industry leaders, decision makers and military personnel in an effort to discuss, develop and improve our missile and defense operations. You will further understand the common challenges faced by the Integrated Air and Missile Defense (IAMD) Community and see how IAMD plays a role in International Partnerships.

<http://www.airmissiledefenseevent.com/>

### **Inaugural Cyber Electromagnetic Activity 2015**

Oct. 6-8; Belcamp, Md.

The theme for the inaugural CEMA 2015 event is “Synchronizing Cyber Electromagnetic Activities to Win in a Complex World.” The newly published Army Operating Concept (AOC) emphasizes the importance of ready land forces and their significance to the joint and coalition fight, and recognizes the need for continued innovation to “Win in a Complex World.” Cyberspace operations, in conjunction with electronic warfare and electromagnetic spectrum operations are identified in the AOC as one of the seven core Army competency areas critical to shaping the operational environment and winning decisively. Equally new to the Army is the concept of Cyber Electromagnetic Activities, or CEMA, which is outlined in the first doctrinal field manual of its kind that integrates and synchronizes cyberspace operations, electronic warfare (EW), and spectrum management operations (SMO). The CEMA 2015 event will allow for an exchange of ideas, concepts and information, and provide a venue to address these new and emerging concepts and a framework to discuss ongoing and future research and development to set the conditions for innovation and success.

<https://www.govevents.com/details/16173/inaugural-cyber-electromagnetic-activity-2015>

### **10th Annual Homeland Security Week**

Oct. 7-9; Arlington, Va.

The 10th Annual Homeland Security Week, Oct. 7-9 at Sheraton Pentagon City, will bring together top homeland security leaders from government, industry and academia alike to take a deep dive into current challenges and future requirements necessary for numerous government agencies, all directly or indirectly responsible for U.S. homeland security, to facilitate a complex, joint, multilayered plan to combat the evolving challenges our country faces. Join 200+ attendees and speakers for interactive keynote presentations, large scale panel discussions, project updates, case studies, intimate roundtables, product demonstrations and more. Now in its 10th successful year, Homeland Security Week 2015 is the educational platform for discussing the future of homeland security.

<http://www.homelandsecurityweek.com/EventLanding.aspx>

### **APHA’s 143rd Annual Meeting & Expo**

Oct. 31-Nov. 4; Chicago, Ill.

The American Public Health Association's (APHA) Annual Meeting & Exposition is where public health professionals convene, learn, network, and engage with peers. With the Annual Meeting, we strengthen the profession of public health, share the latest research and information, promote best practices and advocate for public health issues and policies grounded in research.

<http://www.apha.org/events-and-meetings/annual>

### **Virginia Public Safety Equity & Diversity Conference**

Nov. 2-3; Arlington, Va.

The 2015 Virginia Public Safety Equity & Diversity Conference will be held Nov. 2-3 at the Sheraton Pentagon City Hotel, 900 Orme Street, Arlington, Va. The theme this year will be “Learning from the Past to Create a Better Future.” Registration for the conference is currently open at <http://eventmobi.com/vaedc2015>, with regular registration open until Sept.30. Late registrations will be accepted after this date however, we encourage you to register as soon as possible. Regular updates will be available at <https://www.facebook.com/vaedc2015>.

### **63rd IAEM-USA Annual Conference & EMEX**

Nov. 13-18; Las Vegas, Nev.

The 63rd IAEM-USA Annual Conference & EMEX is the premiere emergency management event of the year. The conference offers: CEM/AEM program offerings, pre/post-conference training, with more than sixty breakout sessions, spotlight sessions on contemporary issues, general sessions and unlimited networking opportunities during special events.

<http://iaemconference.info/2015/>

### **2016 Fire and Rescue Conference (Call for Presentations)**

Feb. 24-28, 2016; Virginia Beach, Va.

The Virginia Fire Chiefs Association has put out a call for anyone who might be interested in being a presenter at the 2016 Fire and Rescue Conference which will be held on Feb. 24-28, 2016 at the Virginia Beach Convention Center. The due date to submit a proposal to be a presenter is June 1, 2015. The proposal application can be found online at [http://www.vaemergency.gov/webfm\\_send/1051/VaFireRescueConfCallforPresentations.pdf](http://www.vaemergency.gov/webfm_send/1051/VaFireRescueConfCallforPresentations.pdf).

### **2016 Virginia Emergency Management Symposium (VEMS 2016)**

March 29-April 1, 2016; Newport News, Va.

The theme is "Exploring the Possibilities" and the symposium will be held March 29 - April 1 at the Newport News Marriott.

[www.vemaweb.org/content/symposium/default.cfm](http://www.vemaweb.org/content/symposium/default.cfm)

### **National Capital Region Homeland Security Events**

[http://www.mwcog.org/committee/committee/events\\_homeland.asp?COMMITTEE\\_ID=134](http://www.mwcog.org/committee/committee/events_homeland.asp?COMMITTEE_ID=134)

### **Virginia Emergency Management Courses**

<http://www.vaemergency.com>

### **FEMA Independent Study Courses**

<http://www.training.fema.gov/EMIWeb/IS/>

### **American Red Cross Disaster Services Training**

[http://www.redcrossnca.org/Online/disaster\\_registration.php](http://www.redcrossnca.org/Online/disaster_registration.php)



**"EMERGENCY PREPAREDNESS" NEWSLETTER** **Check It Out!**  
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[www.fairfaxcounty.gov/oem/outreach/newsletter.htm](http://www.fairfaxcounty.gov/oem/outreach/newsletter.htm)

## LINKS

### **Fairfax County Web Resources**

- Fairfax County Emergency Information Blog - [www.fairfaxcounty.gov/emergency/blog](http://www.fairfaxcounty.gov/emergency/blog)
- Fairfax County Emergency Information Web page - [www.fairfaxcounty.gov/emergency/](http://www.fairfaxcounty.gov/emergency/)
- Fairfax County CERT - <http://fairfaxcountycert.blogspot.com/>
- Fairfax County Citizen Corps Web Page - [www.fairfaxcounty.gov/oem/citizencorps/](http://www.fairfaxcounty.gov/oem/citizencorps/)
- Fairfax County Citizen Corps Blog - <http://citizencorps.blogspot.com/>

### **Additional Web Resources**

- Capital Region Updates - [www.CapitalRegionUpdates.gov](http://www.CapitalRegionUpdates.gov)
- Virginia Citizen Corps - [www.vaemergency.com/citcorps/index.cfm](http://www.vaemergency.com/citcorps/index.cfm)

### **DHS Science & Technology Directorate Newsletter**

The U.S. Department of Homeland Security's Science & Technology Directorate has a free newsletter, "S&T Snapshots," featuring stories about current research projects and opportunities with laboratories, universities, government agencies, and the private sector. The newsletter is produced monthly by the DHS Science and Technology Directorate in partnership with the Homeland Security Institute, a Studies and Analysis Federally Funded Research and Development Center.

The ESF 15 Business / Nonprofit Update is designed to provide information about Emergency Support Function 15 (External Affairs) along with news articles and informational updates relating to Homeland Security and emergency management to ESF 15 partners. Inclusion of any resource, information or Web link is not an endorsement of the product, service or organization. The ESF 15 Business / Nonprofit Update is produced by Fairfax County's Office of Public Affairs – the lead agency for ESF 15.

<http://www.homelandsecurity.org/snapshots/>

### **DHS Daily Open Source Infrastructure Report (OSIR)**

The Department of Homeland Security provides a Web-based “Daily OSIR,” which is posted on the DHS public Web site. Accessing the report via the Web enables readers to retrieve the current Daily Report as well as 10 days of archived DHS Daily Reports. Once you arrive at the Web page you will find the most recent Daily OSIR at the top of the page, under the title “Current Report.” This report is posted each morning, except for weekends and holidays. Simply click on the title “DHS Daily Open Source Infrastructure Report.” This will launch the current days report in PDF format. You can submit content comments or make suggestions by contacting the DHS Daily Report Team by telephone at 202-312-3421 or by e-mail at [NICCRports@dhs.gov](mailto:NICCRports@dhs.gov). You can access the Daily OSIR at: [http://www.dhs.gov/files/programs/editorial\\_0542.shtm](http://www.dhs.gov/files/programs/editorial_0542.shtm).

### **Fairfax County Government Emergency Information Line**

[www.fairfaxcounty.gov/opa/infoline.htm](http://www.fairfaxcounty.gov/opa/infoline.htm)

### **Emergency Management Magazine**

<http://www.govtech.com/em/toc.php>

### **FEMA Private Sector**

<http://www.fema.gov/privatesector/>

**FAIRFAX COUNTY 703-817-7771**  
**EMERGENCY**  
**INFORMATION LINE**

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In accordance with NIMS – the National Incident Management System – the Fairfax County Emergency Operations Plan states that Emergency Support Function 15 (External Affairs) is led by the Office of Public Affairs. This ESF 15 Business/Nonprofit Update is part of the county's outreach efforts for our business and nonprofit partners as a way to provide information about the county's ESF 15, Homeland Security and emergency management.

Please forward this ESF 15 Business/Nonprofit Update to other contacts you have inside or outside your organization. Should someone you know like to be added to our distribution list, have them send an e-mail to [jim.person@fairfaxcounty.gov](mailto:jim.person@fairfaxcounty.gov) and ask to be subscribed to the ESF 15 Business/Nonprofit Update.

If you have any suggestions on how to improve this update or other communications between Fairfax County and the business/nonprofit community, contact Tony Castrilli, Director of the Fairfax County Office of Public Affairs, at 703-324-3187, TTY 711, or by e-mail at [anthony.castrilli@fairfaxcounty.gov](mailto:anthony.castrilli@fairfaxcounty.gov).

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