



EMI SIG

EMERGENT

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Subcommittee CONVERGENT



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"I am unnerved by the frequency, randomness and unpredictability of mass shootings in the United States. Although the total number of people killed in active shooter/hostile events pales in comparison to the deaths from the opioid epidemic, motor vehicle collisions and gun murders where the victim is likely to know their killer, these horrific incidents garner high-interest, fuel the debate about guns and push us to offer more Stop the Bleed training for police, fire, EMS and civilians" Greg Friese of EMS1.com

[National Labs' emerging tech on grid security](#)

Federal researchers are looking to leverage quantum computing, artificial intelligence and dedicated networks to help shield electric grid networks from remote cyber attackers as well as physical exploits involving unauthorized access to infrastructure.

[Security Analysis of First Responder Mobile Devices](#)

Public safety practitioners utilizing the forthcoming Nationwide Public Safety Broadband Network (NPSBN) will have smartphones, tablets, and wearables at their

disposal. Although these devices should enable first responders to complete their missions, any influx of new technologies will introduce new security vulnerabilities.

[Put a Freeze on Winter Fires](#)

Heating, holiday decorations, winter storms and candles all contribute to an increased risk of fire during the winter months. So Join the NFPA and the U.S. Fire Administration and team up to help reduce your risk to winter fires and other hazards, including carbon monoxide and electrical fires.

[Clouds, Cars and IoT Could Change Grid Cybersecurity](#)

The proliferation of connected devices including electric cars could provide grid operators with an operational view of cybersecurity threats and change the way the grid is secured, said Karen Evans, assistant secretary of the Energy Department's Office of Cybersecurity, Energy Security, and Emergency Response.

[University of Central Florida Wins CyberForce Competition](#)

The U.S. Department of Energy (DOE) has announced University of Central Florida from Orlando, Florida as the national winner of DOE's 2018 CyberForce Competition™. Sponsored by DOE's Office of Cybersecurity, Energy Security, and Emergency Response (CESER), the CyberForce Competition is DOE's fourth cyber defense competition designed to develop the next generation of cybersecurity professionals to help defend and bolster our nation's critical energy infrastructure and ensure our energy security.

[EPIcode Version 8.1 Release](#)

EPIcode provides emergency response personnel and emergency planners with a fast, field-portable tool for evaluating the potential health and safety impacts of an airborne release involving toxic substances. Based on the Gaussian plume model, EPIcode can be used for consequence assessment, hazard assessment and safety analysis of facilities handling toxic material.

[Federal Cyber Reskilling Academy](#)

"The Reskilling Academy provides an excellent opportunity for our Federal employees to learn new skills and to gain access to one of the fastest growing job fields in the country," said United States Secretary of Education Betsy DeVos. "I'm glad the Department of Education can help play a role in this Administration's investment in our Federal workforce as they continue to develop their talents and take on new challenges."

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