Good day emergency management and homeland security academics and friends!

The countdown to the 21st Annual Emergency Management Higher Education Symposium (URL: https://training.fema.gov/hiedu/educonference19.aspx) continues and by the time you read this message, there will only be nine more working days until the workshops begin. Our agenda is firm, the program has gone to the printers, and we are getting more excited by the moment! At last count, we had 243 registered participants. As we reviewed the list we realized a few of you who have told us you were coming are not yet on our registered list. Please circle back with us if you have not received confirmation of your registration. We have been informed that some applications were incomplete and have been delayed in processing. We want to make sure that we have tied up all the loose ends and no one arrives to find out they are not actually registered, and we do not have access or accommodations in place.

Every year we work to improve our symposium planning and delivery and add a new element or two. This year, I am very excited to share a new collaboration we have established with the Emergency Management Institute’s E0390 course, Integrating Emergency Management Education into Your Institution. The E0390 course is specifically designed to support minority serving institutions to leverage FEMA courses and academic resources to build emergency management programs at their institutions. The desired outcome of the E0390 course is to increase the diversity of the emergency management profession. Typically, this training is offered two consecutive days; however, this pilot delivery will now be offered on Monday, June 3, and Friday, June 7, so participants can also attend the 21st Annual Emergency Management Higher Education Symposium on Tuesday, Wednesday & Thursday. This is an incredible opportunity for new and existing emergency management academic programs at minority serving institutions to network and learn! I am very grateful to Patricia Gould, the E0390 course manager, and Janelle Massiatte, Mitigation Branch Chief, for their efforts in making this happen!

As I mentioned last week, we have a nice line up of symposium workshops (URL: https://training.fema.gov/hiedu/19conf/2019%20symposium%20draft%20agenda%205-20-2019.pdf) scheduled for Monday, June 3rd. Today we sent an invitation to all registered participants to sign up for the workshops and world
café sessions they are interested in attending. Please keep a look out for this email, sign up at your earliest convenience and let us know if you did not receive the email. Those who register will be given priority if sessions fill up beyond room capacity.

Before, I let you go on to the rest of the great information in the newsletter, I want to highlight a couple things you will find more information about below. First, are a series of regional cyber workshops occurring in support of the National Level Exercise 2020. Exercises are a great way for students to gain experience and academics to share expertise that may be valuable in preparing, responding, recovering and mitigating cyber events and their cascading impact. You will find more information below about the dates and location and an email address if you would like to learn more and engage in the planning and implementation. Secondly there is a cybersecurity workshop being held later this month on May 30th that may be of interest to you and your students. In the coming year, we will focus on highlighting the emergency management academic role, capabilities and opportunities in the realm of cyber resilience and I look forward to learning more about your thoughts, efforts and ideas on this critical topic!

Wishing you all a wonderful weekend and week ahead!

**Higher Education Program Update**

| The next EM Higher Education Community Conference Call is Friday, June 21, from 2-3 p.m. ET, 800-320-4330, PIN: 376368. Please join us. Learn from the emergency management academic community about what is new and exciting in their world. Find out about ongoing projects and discuss higher education community needs that the Higher Education Program can address. Contact Wendy Walsh, Wendy.walsh@fema.dhs.gov with your discussion topics. |

**Higher Education Program Webinars** - The Higher Education Program regularly hosts webinars for the emergency management higher education academic community. If you have a pertinent topic or idea, contact Wendy Walsh.

**Special Interest Groups (SIGs).** FEMA’s Higher Education Program encourages the organization of Special Interest Groups (SIGs) to support the increased exchange of knowledge in specific areas and applications of emergency management education. A SIG will provide a forum within the Higher Education community of interest to bring together people who have a common curiosity. The SIG will serve as a focal point for community development in their special area. SIGs can potentially become involved in co-authoring/researching and serving as mentors to students and subject matter experts to practitioners. For more information and a list of SIGs (URL: https://training.fema.gov/hiedu/specialinterest/sig.aspx). To join a SIG, send an email to Barbara.Johnson3@fema.dhs.gov or Danielle.Green@associates.fema.dhs.gov.

**The 21st Annual Emergency Management Higher Education Symposium, June 3-6,** will be held at FEMA’s Emergency Management Institute at the National Emergency Training Center (NETC) in Emmitsburg, MD. In the coming weeks we will post additional information to the Hi Ed website (URL: https://training.fema.gov/hiedu/) as it becomes available. A few items of interest:
Symposium Agenda

The Kay C. Goss Innovation & Technology Award
Nominees should demonstrate the following qualities:
- A record of regular participation in the Annual FEMA Higher Education Symposium.
- Outstanding teaching effectiveness both within and outside the classroom using emerging technologies.
- The ability to inspire, promote, & develop emergency management programs, professors, and students through innovative methods.
- Professional contributions to the field of emergency management.

To make a nomination:
- Send a letter addressing how the nominee meets the criteria listed above to EAM@ATU.EDU
- Deadline for submissions is May 24, 2019 at 5:00 p.m.
- Award will be presented at the 21st Annual Emergency Management Higher Education Symposium.

Evening at the Library

National Emergency Training Center Library
Wednesday, June 5, 2019 6:00 p.m.

Showcasing:
- Library tour
- Meet and network with recently-published authors
- Discover new and revised textbooks
- Speak with authors of industry journal articles
- Q&A with NETC Librarian Ed Metz
- Free resources

RSVP by May 15th

Please click below if you would like to attend this event or if you are an author and would like to feature one or more recent publications:

No publishers please
The Higher Education Program keeps a list of colleges and universities that offer emergency management, homeland security, and related programs. Higher Education Program staff do not provide college recommendations or discuss the relative merits of the colleges and universities listed. If you have a new or updated program to include, send an email to fema-emi-collegelist@fema.dhs.gov.

Internship, Scholarship and Training Opportunities

The IAEM Scholarship Program is accepting applications from full-time undergraduate and full- and part-time graduate students for scholarship awards for the 2019-2020 academic year. Students must be working toward a degree in emergency management, disaster management, or a closely related field of study. Undergraduate and graduate applications with complete instructions are available on the IAEM website (URL: https://www.iaem.org/resources/scholarship/application). Questions may be directed to Scholarship Program Director Dawn Shiely (shiley@iaem.com). All application materials must be submitted by 5:00 p.m. EDT, June 12, 2019.

Employment

Federal Emergency Management/Homeland Security Vacancies:

Higher Education Vacancies:


- **Virginia Commonwealth University** (URL: https://www.vcujobs.com/postings/89206) – Chair, Division of Epidemiology

**Resources**

The resources below are compiled through a variety of sources and included here as interesting and relevant resources for research or classroom use. The links are provided as a convenience and for informational purposes only. They do not constitute any endorsement or approval by FEMA or the Higher Education Program.

**Release:** Dr. Chick Macal’s PrepTalk, “Using Complex Adaptive Systems Thinking to Understand Community Interdependencies” (URL: https://www.fema.gov/preptalks/macal).” In his PrepTalk, Dr. Macal urges emergency managers to apply the principles of systems thinking to their work in preparedness and response. Dr. Macal is the Chief Scientist of Argonne National Laboratory’s Resilient Infrastructure Initiative, where he leads a team of interdisciplinary researchers developing computational models and simulations for infrastructure interdependency analysis, planning, and resilience. His PrepTalk video and additional resources are available at www.fema.gov/preptalks/macal.

Please share this PrepTalk and include your social media networks!

The next release will be James Gore’s PrepTalk, “Forging Resilient Community Through Disaster” on Tuesday, May 28th. This will be the first release from the recent PrepTalks Symposium held in Santa Rosa, Calif.

**Trump pick to head FEMA sent to Senate for confirmation** (URL: https://thehill.com/homenews/administration/443464-trump-pick-to-head-fema-sent-to-senate-for-confirmation) The Hill

**Senate eyes next week for disaster aid vote** (URL: https://www.politico.com/story/2019/05/13/disaster-aid-congress-1319471) Politico

As Floods Increase, Cities Like Detroit Are Looking to Green Stormwater Infrastructure (URL: http://www.homelandsecuritynewswire.com/dr20190515-as-floods-increase-cities-like-detroit-are-looking-to-green-stormwater-infrastructure)

Better Earthquake Protection for Buildings (URL: http://www.homelandsecuritynewswire.com/dr20190513-better-earthquake-protection-for-buildings)

Homeland Security News Wire

With Hurricane Season Approaching, Researchers Work To Better Predict Storm Intensity (URL: https://www.npr.org/2019/05/13/722848172/with-hurricane-season-approaching-researchers-work-to-better-predict-storm-inten) NPR

Coral Reefs Provide Flood Protection Worth $1.8 Billion Every Year—It’s Time to Protect Them (URL: https://www.routefifty.com/management/2019/05/coral-reefs-flood-protection/157055/) Route Fifty

May marks the 39th annual Building Safety Month, a public awareness campaign that focuses on adopting and maintaining building codes. This year’s theme is No Code. No Confidence.

Learn more about the new No Code. No Confidence (URL: https://inspecttoprotect.org/). building codes campaign.


FEMA’s Building Code Resources (URL: https://www.fema.gov/building-code-resources) page contains documents summarizing the International Codes’ hazard-resistant provisions.

The Protecting Utility Systems from Flood Damage (URL: https://www.fema.gov/media-library/assets/documents/3729) publication assists in rebuilding flood-damaged buildings with utility systems to quickly restore functionality in the event of future events.

The FEMA Building Codes Toolkit (URL: https://www.fema.gov/media-library/assets/documents/30423) provides guidance to help property owners understand building codes.

The Natural Hazards and Sustainability for Residential Building (URL: https://www.fema.gov/media-library/assets/documents/19750) publication outlines using green building practices to retain or improve natural hazard resistance.
May is BUILDING SAFETY MONTH

Building codes protect citizens, homes, offices, schools, manufacturing facilities, stores and entertainment venues from weather-related disasters and structural collapse.

Since 1989, FEMA has awarded... $65M+ in mitigation GRANTS to help develop and promote building codes and standards with activities such as:

- Promoting hazard-resistant construction.
- Integrating new hazard and risk information into building codes and land use planning mechanisms.
- Adopting and enforcing public policies to minimize hazard impacts on buildings, infrastructure, and neighborhoods, and enhancing safe construction in high hazard areas.

For more information on Building Safety Month and resources, please visit the International Code Council’s website.
FEMA Region I and the Cybersecurity and Infrastructure Security Agency (CISA) invite you to a Cyber Security Workshop Thursday, May 30, 2019 from 8:30 a.m. - 3:30 p.m. at the Kostas Center Research Institute for Homeland Security at Northeastern University Innovation Campus at Burlington, 141 South Bedford Street, Burlington, Massachusetts 01803.

This in-person only workshop is a component of the National Level Exercise 2020 and is for emergency managers at state, local, tribal, territorial, city, county, or town governments and cyber security officers for institutions such as:

- Healthcare/Public Health/Emergency Services
- Financial Institutions
- Water and Wastewater Systems
- Commercial Facilities, Transportation Systems
- Telecommunication, Chemical Facilities
- Critical Manufacturing, Food & Agriculture
- Non-profit Organizations, Information Technology Companies
- Large manufacturing companies, Higher Education Institutions

Do you have a cyber incident response plan? Do you know who to contact in the State or Federal Government when you have been compromised? Do you know how to train employees to recognize cybersecurity threats? If you answer “no” to any one of these questions, this workshop is for you!

- There will be national experts to address preparedness and response in cyber security in the New England States.
- Meet your colleagues working on the same plans and issues, and learn best practices.
- Catch the live demonstration of the latest drone technology.

To register for this event, go to FEMA’s PrepTool kit using the link https://preptoolkit.fema.gov/web/nle-2020-cyber-wkshop-reg-i/registration (registration no longer active). Seating will be limited so sign up quickly!!

**Critical National Infrastructure Summit 2019**, Mon., June 24, 2019 to Wed., June 26, 2019 in Washington, D.C. The Critical National Infrastructure Summit 2019 provides a platform for leaders from government, critical infrastructure sectors, and solutions providers to come together to troubleshoot problems and vulnerabilities, and to discuss the future of integrated security. The summit includes a combination focus...
and workshop day, offering insights into the future of critical infrastructure through smart cities and additional risk management workshops. For more information about Summit go to https://www.idga.org/events-criticalnationalinfrastructure.

**Webinar: Critical Partners: Emergency Managers and Healthcare Coalitions**, June 7, 2019, 2:00 – 3:30 PM EDT.

The International Association of Emergency Managers (IAEM) and Association of Healthcare Emergency Preparedness Professionals (AHEPP) have partnered with the HHS Office of the Assistant Secretary for Preparedness and Response (ASPR) to host a webinar that seeks to help local and state emergency managers see the value behind being a driving partner in their local health care coalitions (HCCs). The webinar will be held on June 7, 2019 from 2:00-3:30 p.m. EDT and will feature distinguished panelists: Melissa Harvey, director, National Healthcare Preparedness Programs, ASPR; Mike Sprayberry, director, North Carolina Emergency Management and past president, National Emergency Management Association; and William Ray, assistant director, North Carolina Emergency Management. Learn more and register online at https://register.gotowebinar.com/register/8207942660976479755?platform=hootsuite.

*Download the FEMA App* (URL: https://www.fema.gov/mobile-app) to receive weather alerts from the NWS for up to five different locations anywhere in the U.S. *Sign up via our free e-mail subscription service* (URL: https://service.govdelivery.com/accounts/USDHSFEMA/subscriber/new?topic_id=USDHSFEMA_149) to receive notifications and information updates.

*FEMA’s mission is helping people before, during and after disasters.*

*FEMA and the EMI Higher Education Program do not endorse any non-government websites, companies, or applications.*