

HIGHER EDUCATION PROGRAM

NATIONAL EMERGENCY TRAINING CENTER • EMMITSBURG, MD
NATIONAL TRAINING AND EDUCATION DIVISION / NATIONAL TRAINING AND EDUCATION SYSTEM



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Program News for the week ending October 26, 2018

Higher Education Program Updates

This week has been inspiring, as I have attended the International Association of Emergency Managers (IAEM) Annual Conference in Grand Rapids, MI. It has been fantastic to see our faculty contribute to this great event. Dr. Sandy Smith from Arkansas Tech led a powerful dialogue on emergency management ethics at the pre-conference Leadership Symposium, and Dr. Stacy Willett, University of Akron, led a very engaging session on the strategy and importance of emergency management internships. Many other faculty also attended and supported sessions emphasizing the important nexus between the academic program and the practice of emergency management. There were a great number of students here, too. The students submitted posters, supported the scholarship auction, attended sessions and networked. I believe several made great strides to securing internship and possible jobs!

There were many outstanding speakers this year in plenaries and sessions! Three plenary speakers really stood out to me. The first was the US Virgin Islands Emergency Manager, Mona Barnes. She emphasized the importance of teamwork and listening to your people. She said, "If you can't do the job when I leave, I didn't do my job...we need to download the experience." She was an inspiring and transparent speaker. After she spoke, I went to meet her and she shared that there is a University in USVI interested in starting an academic program. I look forward to our community growing and supporting program development and sustainment in the territories.

We also heard from futurist and author, Rebecca Costa. She called us to look ahead to see the impact of quantum computing and evolutions of technology. She took us on a journey to consider the use of unmanned systems, robotics, predictive software, space-based solar and 3D printing. She shared with us a project in China that built 10 new homes in one day at the cost of \$3,000-4,000 each. She talked about the use of 3D printing to create customized medicine and food. There are great applications for emergency management and I would love to hear your stories of how you incorporate future technology and technology adoption into your academic programs.

The speaker this morning was Frank DeAngelis, retired principal from Columbine High School. His presentation was incredibly moving and received a standing ovation from the crowd. He spoke about his personal experience, his love and connection to the students and their families emphasizing self-care. The community he built before and after the event on April 20, 1999 is incredible. It was clear that his job at Columbine was not work, but an extension of his heart and family. He spoke of planning hope, momentum and faith. It is not a sprint but rather a marathon we are running and we need to stay connected.

This afternoon I will talk about our Higher Education program efforts and opportunities as well as share some thoughts on design thinking methodology and empowerment evaluation. I am so grateful to advocate for the outstanding emergency management academic community! Thank you so much for all you do!



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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](#).

The next EM Higher Education Community Conference Call is Friday, November 16, 2018, from 2:00-3:00 PM EDT, 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](#) with your discussion topics.

The 21st Annual Emergency Management Higher Education Symposium, June 3-6, 2019, at FEMA's Emergency Management Institute at the National Emergency Training Center in Emmitsburg, MD. In the coming months, we will post additional information to the [Hi Ed website](#) as it becomes available.

College List

The Higher Education Program keeps a list of colleges and universities that offer emergency management, homeland security, and related programs. Higher Education 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

National Endowment for the Humanities' [Collaborative Research Grants](#) (CFDA No. 45).
National Science Foundation, [Partnerships for Innovation \(PFI\)](#), NSF 19-506

October 23, 2018, Secretary Kirstjen Nielsen swore in Peter T. Gaynor to serve as FEMA's Deputy Administrator. Mr. Gaynor most recently served as the Director of the Rhode Island Emergency Management Agency (RIEMA). He will be focusing on change management and the organizational health of the Agency.

Prior to his position at RIEMA, Mr. Gaynor served as the Director of the Providence Emergency Management Agency (PEMA) & Office of Homeland Security. Under his leadership, PEMA became the first municipality in the United States to receive accreditation from the Emergency Management Accreditation Program.

Mr. Gaynor served for 26 years in the United States Marine Corps as both an enlisted Marine and an officer. He later served as the Executive Officer responsible for the security of Camp David, the official presidential retreat in Maryland, and as the Head of Plans, Policy, & Operations at Marine Corps Headquarters during the September 11, 2001 attacks.

Mr. Gaynor received his bachelor's degree in history from Rhode Island College and his master's degree in national security and strategic studies from the Naval War College in Newport, Rhode Island.

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Special Interest Groups (SIG). The EMI 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 pull people together 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 serve as mentors to students and subject matter experts to practitioners. For more information and a list of SIGs.

Employment

Federal Emergency Management/Homeland Security Vacancies:

- Emergency Management Specialist (Mitigation), GS 13, CLOSE 11/1/2018, FEMA-19-JLS-251113-DE, Bothell, WA
- Deputy Assistant Administrator, Recovery, ES 00, 11/14/2018, 19EMB-FMM0259-0080-04-RE, Washington, DC
- Director, National Preparedness Assessment Division, ES 00, CLOSE 11/14/2018, FEMA-19-CS-NPAD-SES, Washington, DC

Higher Education Vacancies:

- Coastal Carolina Community College – Instructor/Coordinator, Fire/Emergency Management
- Indiana University Purdue University Indianapolis – Assistant Professor, Emergency Management
- University of Michigan – Open Rank/Tenure-Track, Epidemiology
- University of Nevada, Reno – Assistant Professor, Community Health Science – Epidemiology
- SUNY College at Old Westbury – Assistant Professor, Public Health

Resources

- The Disaster Information Management Research Center Disaster Lit®: Database for Disaster Medicine and Public Health database has recently been updated, and is now available.

Accreditation Special Interest Group

The Accreditation Special Interest Group (SIG) has been working for several years to improve the quality of education in the field of emergency management, increase professionalism, and foster accountability in the many colleges and universities offering programs leading to certificates and degrees in the field of emergency management (EM).

Accreditation is a non-governmental, non-profit, self-regulatory, peer review process based on rigorous standards. Accreditation of educational programs demonstrates the academic institution's agreement to provide a legitimate and valuable product to the student. The accreditation process allows an external, impartial review of the educational program by experienced professionals in the field, comparing the institution's program offering(s) to a set of community agreed upon standards.

Next Steps: Objectives

EM education standards were an outgrowth of Dr. B. Wayne Blanchard's list of EM Core Competencies, which have been revised and validated by a group of EM professionals and academicians. The Accreditation SIG continues on the path of proposing EM standards and validating educational programs.

To join the Accreditation SIG,
Barbara.Johnson3@fema.dhs.gov



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

- [Maryland's 'Cyber Town USA' Will Have Tenants by 2020](#)
- [Infrastructure Security Needs Cross-Sector Approach](#)
- [Design Thinking in Action](#)
- [Long Island Gets \\$20 Million More in Sandy Recovery Funds to Bolster Communities](#)
- [RVs Built for Adventure Are Now Providing Basic Shelter to Hurricane Victims](#)
- [North Coast schools prepare as shelters in a storm](#)
- [The Big One could leave 250,000-400,000 quake refugees in California. Where will they go?](#)
- [Geosciences Resources: Finding information from the U.S. Geological Survey](#)
- [Homeland Security Digital Library](#)
 - [2017 National Network of Fusion Centers](#)
 - [APT38: Un-Usual Suspects](#)
 - [Nidal Hasan: A Case Study in Lone-Actor Terrorism](#)
 - [Strategy For Protecting And Preparing The Homeland Against Threats Of Electromagnetic Pulse And Geomagnetic Disturbances](#)
 - [Terror Gone Viral: Overview Of The 243 Isis-Linked Incidents Targeting The West](#)
- Updated data source documents for: Hurricane Michael and US Floods



This year, National Community Planning Month calls attention to the ways lives and homes can be protected through community planning.



Community Planners employ tools like land use, zoning, easements, and building codes to plan for risks or deter development in hazard-prone areas.



As a homeowner or renter, you have tools such as a Mitigation Plan.



These plans explain how your community could be affected by floods, windstorms, or earthquakes and what actions can be taken to reduce the impact of these hazards.

Figure 1 poster with model homes and three small text boxes

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- [201810 Flood US Data Source 24October2018.pdf](#)
- [201810 Hurricane Michael Data Source 24October2018.pdf](#)
- [The Pillowcase Project teaches elementary students about disaster preparedness](#)

Calendar

Mental Health Concerns on Campus: 1 1/3 Day Training Opportunity. International Association of Campus Law Enforcement Administrators (IACLEA) will present an important training that could have tremendous positive benefits for campus communities. One in four students reported being diagnosed with or treated for a mental health disorder in the prior year, and one-fifth of all students surveyed had thought about suicide, with 9 percent reporting having attempted suicide, according to recent research. According to IACLEA, public safety officers will encounter these community members and are expected to be able to recognize and respond to people in a range of stages of distress and danger, and the ability [of public safety officers] to recognize a mental health crisis can change the outcome of interactions drastically. To register.
November 13-14, 2018 – University of the Sciences, Philadelphia, PA
November 15-16, 2018 – Auraria Higher Education Center, Denver, CO

Critical Infrastructure Security and Resilience Month

Next month is Critical Infrastructure Security and Resilience Month!



There are 16 critical infrastructure sectors that are important for the safety and security of the United States. These sectors include the power we use at home, the water we drink, transportation that gets us from place to place, and the Internet and communications networks we use to reach friends and family. We all play a part in keeping these sectors safe.

Get involved by learning more about critical infrastructure, cybersecurity efforts, and other initiatives by visiting <https://www.dhs.gov/cisr-month>. Join the conversation on social media by following @Citizen_Corps, @Prepareathon, and using #infrastructure to post your own tips and news.

Download the FEMA 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 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.