

HIGHER EDUCATION PROGRAM

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



FEMA

Program News for the week ending November 30, 2018

Higher Education Program Updates

Message from Dan Paulette-Chapman, Chief of National Training and Education System (NTES)

Happy post-Thanksgiving week to all of our excellent partners in emergency management and academia!

Wendy Walsh is currently away from the office on international travel leading a workshop with our partners at the [Swedish Civil Contingencies Agency \(MSB\)](#) in Stockholm, Sweden on building cultures of preparedness. This is yet another example of the FEMA National Training and Education System (NTES) team making things happen, this time *across the world*. Also, this represents a fantastic opportunity for me to sneak in a few messages about all that's going on in the "other side" of the NTES branch, at FEMA's Training Optimization Program!

Just over one year old, the NTES Training Optimization Program is in its relative infancy compared to the 21 year history of the Higher Education Program, but has made great strides already in working to integrate and optimize training at FEMA and beyond. Led by Program Manager Patrick Cowhey from FEMA Headquarters, this relatively new program focuses largely on ways that we can enhance FEMA's own training components while making new connections with our training partners nationwide. But what do we mean by "Training Optimization"? Well, as good stewards of taxpayer dollars, FEMA must ensure that our training programs designed for State, Local, Tribal, and Territorial (SLTT) communities are effective, efficient, and fiscally sound. Think about it this way: in Fiscal Year (FY) 2018 alone, Congress appropriated over \$219 million for FEMA SLTT training – a commitment of this amount of capital necessitates a sound return-on-investment strategy to reduce and eliminate waste while ensuring effective learning. The National Training and Education System (NTES) Training Optimization Program provides the comprehensive, yet flexible and scalable structure to address exactly that. **Bottom line: the NTES Training Optimization Program works to ensure that the right training gets to the right student for the right outcome at the right investment.**

You may have heard that tune before, so let's talk specifics - what exactly have we been up to on the training end? A lot! For example, this year the Training Optimization Program worked with training experts at the [Center for Domestic Preparedness \(CDP\)](#), the [Emergency Management Institute \(EMI\)](#), and the Training Partners Program (TPP) to develop a new, unified way for FEMA to assess potential training developments and ensure that they align to FEMA's mission and priorities, don't duplicate other efforts nationwide, and satisfy other quality considerations prior to the investment being made. In another example, the Program partnered with EMI to lead the Training Portfolio for the new National Qualification System (NQS). You may know that the NQS positions, developed through an intense stakeholder engagement process at the

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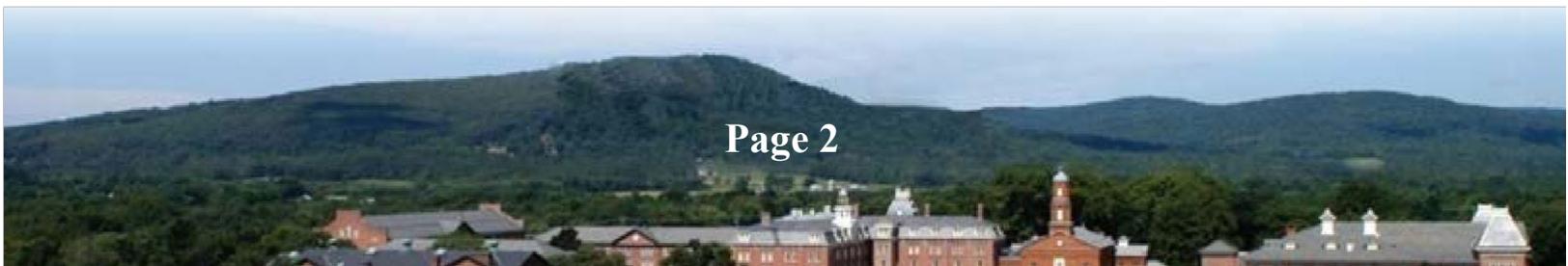
National Integration Center (NIC), will enable stakeholders nationwide to work together to ensure qualified individuals and teams are prepared and ready to manage all threats and hazards, regardless of the incident's cause or size. FEMA's challenge is to build in the right, and only the right, amount of baseline training to hit the "Goldilocks' Zone" of training – enough training to build capability and positional competency while avoiding wasteful over-training. Through a new methodology built from cutting edge training assessment techniques, the Training Optimization Program works to do just that and thereby save the nation an enormous amount of funding that could be better used elsewhere. (We're assessing now just how much those savings might be). As a final example, the Training Optimization Program served as a thought-leader for FEMA Strategic Plan Objective 2.1 (Organize the "BEST" (Build, Empower, Sustain, and Train) Scalable and Capable Disaster Workforce) and helped the FEMA Administrator convey a new vision of the seamlessly-integrated National Incident Workforce. After all, when incidents occur, everyone must work together across Federal, SLTT, non-profit, and private sector lines to meet the needs of disaster survivors and their communities.

I'll conclude with a call for your ongoing partnership in this newer training optimization effort, along with all that you do in with our Higher Education Program. Please feel free to drop us a line at FEMA-NTES@fema.dhs.gov and let us know what's on your mind when it comes to training. Any and all comments, suggestions, feedback, requests, or haikus are greatly appreciated! See you at the Higher Education Symposium if not before!

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, December 21, 2018, from 2:00-3:00 PM 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](#) 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.



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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.

The Emergency Management Theory and Research Special Interest Group (EMTR-SIG) grew out of discussions at the 2016 FEMA Higher Education Symposium. That discussion led to a group intended to bring together researchers, academics, and operational personnel at all levels interested in theory and research in emergency management. The goal was to provide opportunities for collaboration year-round. The group was also interested supporting submission of related session abstracts at the EMGT Theory and Research Workshop, the FEMA Higher Education Symposium, IAEM's annual conference, WCDM, and other conferences.

The EMTR-SIG will be structured around three general activities: 1) monthly or bimonthly virtual sessions where members and invited guests will present research and discuss the theory and application opportunities, essentially a virtual journal club for emergency management and homeland security topics; 2) support for submission of research both for conference/workshop presentation and journal publications; 3) Tracking and sharing information on research interests and grant opportunities.

For more information about the EM Theory and Research SIG, visit:

<https://training.fema.gov/hiedu/specialinterest/emtrsig.aspx>

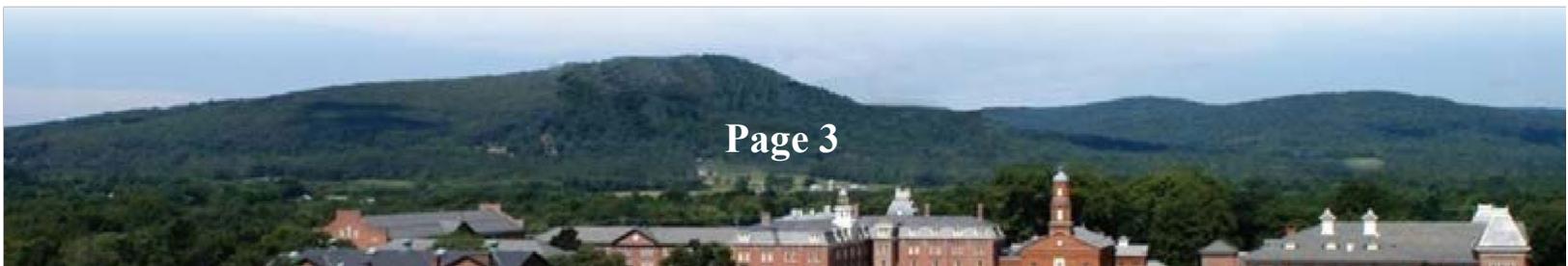
To join the SIG, contact:

Barbara.Johnson3@fema.dhs.gov.

NEW:

- [Lenoir Community College](#) – Associate of Applied Science Degree in Emergency Management
- [San Jose State University](#) – Master of Science in Transportation Management with EM Issues for Transportation Professionals course
- [San Jose State University](#) – Graduate Certificate in Transportation Security Management with EM Issues for Transportation Professionals course

Special Interest Groups (SIGs). The Emergency Management Institute (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 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 serve as mentors to students and subject matter experts to practitioners. Follow this link for more information and a list of SIGs.



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Internship, Scholarship and Training Opportunities

The White House Fellows Program announced the application period for the 2019-2020 class is now open. The White House Fellows program is designed to encourage nonpartisan public service by giving participants a year of high-level federal employee experience. According to the White House Fellows website, 44 alumni of the program have been elected to public office and 70 have been confirmed by the Senate to federal office. [Follow this link for more information and to apply.](#)

U.S. Department of the Interior, Great Apes Conservation Fund. Eligible Applicants: government agencies, multi-national secretariats, non-governmental organizations, public and private institutions of higher education, foreign entities and individuals. Proposals must be submitted by January 15, 2019. [For more information and to apply, follow this link.](#)

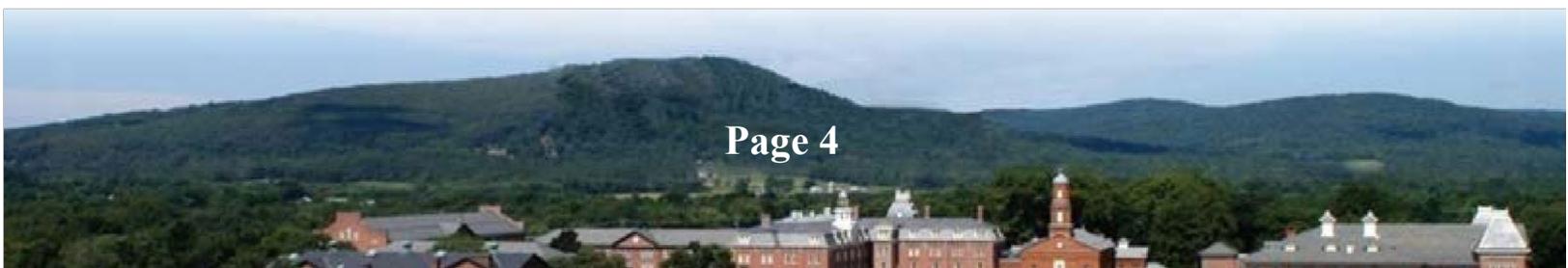
Employment

Federal Emergency Management/Homeland Security Vacancies:

- Emergency Management Specialist (Response), GS 13, CLOSE 12/3/2018, [FEMA-19-BG-256355-DE](#), Washington, D.C.
- Emergency Management Specialist (Recovery), IC 09, CLOSE 12/3/2018, [FEMA-19-CTG-256043-CORE](#), Washington, D.C.
- Transportation Security Specialist – Explosives, SV H, CLOSE 12/3/2018, [MIA-18-521033](#), Miami, FL
- Master Transportation Security Officer – Security Training Instructor, SV F, CLOSE 12/4/2018, [OGG-18-523843](#), Kahului, HI
- Local Hire (Hazard Mitigation 406 Specialist), IH NA, CLOSE 12/17/2018, [FEMA-19-JMW-260319-LH](#), Marianna, FL; Panama City, FL; Tallahassee, FL
- Deputy Superintendent, Center for Domestic Preparedness (CDP), GS 15, CLOSE 12/14/2018, [FEMA-19-TM-259925-DE](#), Anniston, AL
- Special Assistant, GS 09-11, CLOSE 12/04/2018, [FEMA-19-RJ-258023-DE](#), Washington, DC

Higher Education Vacancies:

- [Chestnut Hill College](#) – Assistant Professor, Cybersecurity
- [San Jose State University](#) – Assistant Professor, Public Health
- [Texas A & M University – San Antonio](#) – Adjunct Faculty, Fire and Emergency Services Administration/Homeland Security
- [University of Illinois at Chicago](#) – Tenure-Track Assistant Professor, Community Health Sciences



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Resources

New DHS K-12 Exercise Starter Kits Now Available for Active Shooter Incidents. The Department of Homeland Security's Office of Academic Engagement (OAE) recently released new [Exercise Starter Kits](#) (ESKs) for the K-12 community as part of the [Campus Resilience \(CR\) Program](#). The K-12 Exercise Starter Kits focus on an active shooter incident and are broken into three (3) K-12 school levels: elementary school, middle/junior high school, and high school. The CR Program ESKs are a suite of self-conducted tabletop exercises (TTX) tailored for the academic community. Each kit includes a set of scalable tools aimed to test existing emergency plans, protocols, and procedures, while also strengthening preparedness, response, and recovery capabilities. To obtain one or more of the K-12 Exercise Starter Kits, [please use this link](#).

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.

[Culture – the “X Factor” for Building Back Better after Conflict and Disasters](#)

[Forget curb appeal — when it comes to fire-safe landscaping, think embers, meadows and ‘defensible space’](#)

[School Threat Assessment Involves Multiple New Mexico Agencies](#)

Uniformed Services University (USU) National Center for Disaster Medicine and Public Health is proud to announce a free, eight-hour, online [Disaster Health Core Curriculum](#) intended for a wide range of health professionals. [For more information](#).

Uniformed Services University (USU) National Center for Disaster Medicine

Town Avoids an Estimated \$12M in Damages with Flood Mitigation Grant

The Big Blue River in Beatrice, Nebraska has a reputation for flooding the town once every decade. In 1973, the river crested at 33 feet and caused the worst event of its kind in local history.

Soon after, the town received a grant from FEMA's Flood Mitigation Assistance Program. The community used this award to acquire structures in the floodplain.

Since then, 120 structures have been acquired and the land on which they stood was transformed into parks, sporting areas, and open fields.

Listen to the podcast [▶](#) Because of these mitigation efforts, Beatrice avoided an estimated \$12 million in damages following its most recent flood in 2015.

History of the Acquisition Program

Year	Event	Acquisitions
1973	Flood Event (largest on record)	0
1977		
1984	Flood Event (2nd largest)	36 (1977-1983)
1993	Flood Event	11 (1985-1992)
2015	Flood Event (2nd largest)	73 (1995-2015)

Beatrice, NE

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and Public Health developed a series of educational tools to facilitate layperson tourniquet application. According to the National Trauma Institute, hemorrhaging is responsible for almost 35% of pre-hospital deaths and 40% of deaths in the first twenty-four hours after a traumatic event. Given these facts, on October 6, 2015 the White House launched the *Stop the Bleed* initiative. [For more information.](#) Knox, Allison G.S (2018) The Importance of Swift Water Rescue Teams, *DomPrep Journal*, 14, 11. Retrieved from https://www.domesticpreparedness.com/journals/november-2018/?utm_source=DomesticPreparedness&utm_campaign=e02de02ed7-DomPrep_Journal_November_2018_11_28_2018&utm_medium=email&utm_term=0_9a091366ad-e02de02ed7-254125837.

Calendar

7th Annual New York State (NYS) College and University Emergency Management Workshop, January 10-11, 2019, Binghamton University Downtown Center. [For more information and to register.](#)

FEMA Emergency Management Institute Weekly EMI e-Forums **Wednesdays in December 3:00 – 4:00 p.m. EDT**

Date: Topic:

12/5 Tribal Training Partnerships in Arizona
12/12 Participating in the National Exercise Program
12/19 Women of Color in Emergency Management
12/26 NOTHING SCHEDULED due to Christmas Holiday week

Login link: [EMI e-Forums](#)

Conference call-in: 800-320-4330, PIN 107622

For questions, contact: [Contact Emergency Management Institute \(FEMA-EMI-eforums@fema.dhs.gov\)](mailto:FEMA-EMI-eforums@fema.dhs.gov)

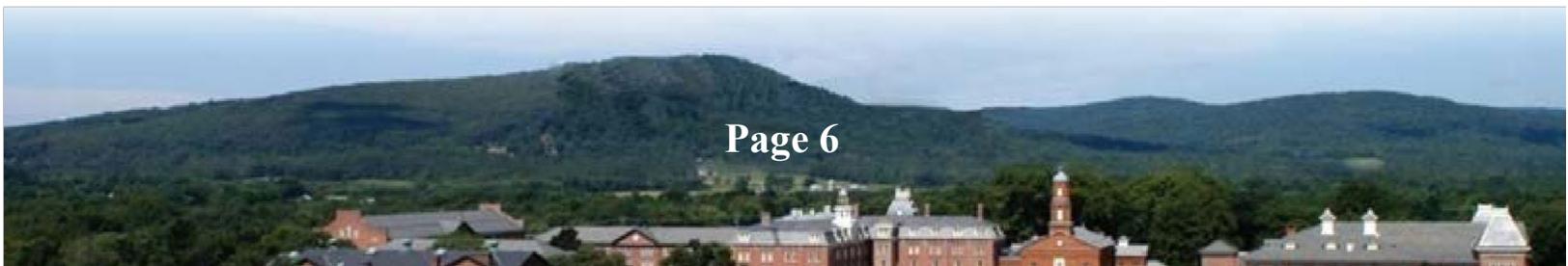
The Fire Prevention and Safety (FP&S) Program Office will host one [additional webinar](#) to help you with your FY 2018 FP&S grant application. The webinar will provide potential applicants with general information about the FP&S grant program, how to navigate the grant application, and tips for preparing an application. An FP&S Program Officer will be available to answer questions.

December 12, 2018, 1-2 PM ET, Conference Call/PIN: 1-800-320-4330, PIN: 069752#

If you have questions, call or e-mail the FP&S Grants Help Desk. Toll-free number: 1-866-274-0960; e-mail: firegrants@fema.dhs.gov.

Esri Federal GIS Conference, January 29 – 30, 2019, Walter E. Washington Convention Center, Washington, DC. Top 3 reasons to attend this conference:

1. **Leadership Development:** This conference provides a mechanism to develop critical thinking and key competencies in aiding effective leadership.



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2. **Training:** Learn from over 4,500 industry leaders and government colleagues on the best practices and how to maximize your investment in GIS.
3. **Professional Growth:** With over 125 Professional Development Workshop choices, bring back invaluable lessons learned, case studies, and best practices from industry leaders.

[Visit this link for more information and to register.](#)

Grant Opportunities

Geriatrics Academic Career Award Program, Department of Health and Human Services, Health Resources and Services Administration. The purpose of the GACA program is to support the career development of individual junior faculty in geriatrics at accredited schools of allopathic medicine, osteopathic medicine, nursing, social work, psychology, dentistry, pharmacy, or allied health as academic geriatrics specialists and to provide clinical training in geriatrics, including the training of interprofessional teams of health care professionals. Application deadline is January 15, 2019.

FY 2019 Community-based Restoration Program Coastal and Marine Habitat Restoration Grants Department of Commerce. The principal objective of the NMFS Community-based Restoration Program Coastal and Marine Habitat Restoration solicitation is to support habitat restoration projects that use an ecosystem-based approach to foster species recovery and increase populations under NOAA's jurisdiction. Application deadline is May 15, 2019.

Environmental Exposures and Health: Exploration of Non-Traditional Settings (R01 and R21). This program provides grants for interdisciplinary research aimed at promoting health, preventing and limiting symptoms and disease, and reducing health disparities across the lifespan for those living or spending time in non-traditional settings. Application deadline is January 7, 2019.

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.

