Program News for the week ending October 18, 2019

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Message from the Higher Education Program Manager

Good Day Emergency Management Higher Education Academics & Friends!

This week we delivered our first emergency management academic program development workshop in Puerto Rico. The FEMA Joint Recovery Office (JRO) Community Planning Capacity Building (CPCB) and mitigation divisions supported the plan & delivery of the workshop. Dr. David McEntire (Utah Valley University) and Dr. Caroline Hackerott (North Dakota State University) did an outstanding job of setting a foundation of content describing the discipline, profession and history. They discussed academic content delivery modalities, structure and sequence as well as shared the emergency management core competencies. Participants engaged in activities to integrate the knowledge into their practice. There was an emphasis on opportunities, expertise, interconnection and synergy, as well as space for frank discussions on current challenges and limitation.

We were especially fortunate to have two FEMA leaders from the JRO take time out of their busy schedules to come to the workshop to share their efforts and take questions from the participants. On the first day, Ms. Joan Rave, the Acting Deputy Recovery Coordinator (Interagency Coordinator) came and shared an overview of her work in the emergency management profession highlighting the importance of learning the emergency management language, connecting with communities and building opportunities for capacity and leadership. On the second day, Mr. Alex Amparo, the Federal Disaster Recovery Coordinator and Assistant Administrator, National Preparedness Directorate, shared areas in which institutions of higher education could be key players in recovery. He explained how disaster recovery creates markets and the critical need to develop the workforce to support these markets. He conveyed how many local hires in Puerto Rico have quickly learned the systems of response and recovery.

Figure 1: David McEntire, Utah Valley University, describes discipline, profession and history of EM academia.

Figure 2: Caroline Hackerott, North Dakota State University, describes the discipline, profession and history of EM academia.
Emergency management academic programs can provide a greater understanding, foundation and a systems context to grow the local capacity further.

The notion of a Puerto Rico higher education liaison to strengthen and maintain relationships between academics and practice was discussed; we will be working collectively to develop and refine a position description to support this role.

This workshop provided an opportunity for Puerto Rican academics to come together, share information and envision a more connected and mutually aware community to support efforts and build resilience. The remainder of this week will be visiting individual university campuses and learning more about their specific capabilities and efforts. It has been an outstanding effort to extend the emergency management higher education community of practice and we look forward to continuing to learn and grow together.

Next week, I will be heading to Idaho to participate in the National Emergency Management Association (NEMA) meeting. I am very grateful to have been invited to speak with the preparedness subcommittee on opportunities for state emergency managers to work with the FEMA Higher Education Program and our academic community of practice. I look forward to sharing my learning from that engagement and wish you all a wonderful week ahead.

**Higher Education Program Update**

**October Community Calls Are Canceled**

The next EM Higher Education Community Conference Call is Friday, November 15, from 2-3 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, 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 (wendy.walsh@fema.dhs.gov).

**Special Interest Groups (SIGs).** FEMA’s Higher Education Program encourages the organization of 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 (https://training.fema.gov/hiedu/specialinterest/sig.aspx). To join a SIG, send an email to Barbara Johnson (Barbara.Johnson3@fema.dhs.gov).

**The 22nd Annual Emergency Management Higher Education Symposium, June 1-4, 2020,** will be held at the National Emergency Training Center (NETC) in Emmitsburg, MD. [Hi Ed website](https://training.fema.gov/hiedu/). The 2020 symposium theme is “Imagination, Improvisation, and Innovation in Emergency Management Education.”

**College List**

The Higher Education Program keeps a list of colleges and universities that offer emergency management, homeland security, and related programs. The College List, located at https://training.fema.gov/hiedu/collegelist/, is an invaluable and comprehensive online resource that showcases the development of programs at all levels of study in the Emergency Management Higher Education Community, as well as the broader Homeland Security and related fields of study. This also includes public health, international disaster relief, and humanitarian assistance. Information for the College List is stored in a program database for the direct purpose of analysis and management, ensuring that it remains up-to-date and relevant. 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.

**Employment**

**Federal Emergency Management/Homeland Security Vacancies:**

- Emergency Management Specialist (Mitigation), IC 12, CLOSE 10/24/2019, FEMA-20-KSR-324087-CORE (https://www.usajobs.gov/GetJob/ViewDetails/548418800), Oklahoma City, OK
Higher Education Vacancies:

- Bloomsburg University of Pennsylvania (https://agency.governmentjobs.com/bloomedu/default.cfm) - Tenure-Track Assistant/Associate Professor for Digital Forensics/Cyber Security
- California Polytechnic State University - San Luis Obispo (http://jobs.calpoly.edu/sl/en-us/job/493949/assistant-or-associate-professor-cybersecurity) - Assistant or Associate Professor - Cybersecurity
- DeSales University (https://www.higheredjobs.com/faculty/details.cfm?JobCode=177098101&Title=Assistant%20Professor%20of%20Criminal%20Justice%20and%20Homeland%20Security) - Assistant Professor of Criminal Justice (Homeland Security Specialist)
- Penn State (https://ist.psu.edu/college/faculty_search) - Teaching Faculty Positions in Cybersecurity; Artificial Intelligence & Data Sciences; Human-Centered Design & Development
- Texas A&M University (https://apply.interfolio.com/68665) – Three full-time faculty – open rank
- The University of the West Indies, Cave Hill Campus (https://www.higheredjobs.com/faculty/details.cfm?JobCode=177123128&Title=DIRECTOR%20OF%20BIOSECURITY%20STUDIES) – Director, Centre for Biosecurity Studies
- Tulane University (https://apply.interfolio.com/69728) - Adjunct Lecturer, Homeland Security Studies Program
- University of California, Irvine (https://recruit.ap.uci.edu/JPF05511) - Part-Time Instructor: Emergency Management and Disaster Recovery
- University of California, Santa Barbara (https://www.es.ucsb.edu/) – Assistant, associate or Full Professor for Environmental Ethics

Internship, Scholarship and Training Opportunities

National Science Foundation

Fellowship Opportunities for incoming Ph.D. students, Ph.D. in Metropolitan Planning, Policy, and Design, University of Utah.
Two exciting fellowship opportunities for incoming Ph.D. students at the University of Utah. Each fellowship provides three years of graduate support to students accepted into the Ph.D. program (http://plan.cap.utah.edu/phd-program) in Metropolitan Planning, Policy and Design.

The doctoral degree in Metropolitan Planning, Policy and Design at the University of Utah helps meet society’s need for researchers, scholars, teachers, and leaders to make our metropolitan areas sustainable, resilient and just. The planning challenge is to anticipate change and learn how best to manage it; the policy challenge is how to craft and implement policies needed to facilitate desired change; and the design challenge is how to shape the built environment to achieve desired outcomes.

**Swaner Fellowship in Ecological Planning**
This fellowship is open to incoming Ph.D. students interested in the integration of ecology and systems thinking with the processes of planning and design, social-ecological systems and resilience, and urban hydrology and urban nature. The fellow will work within the Center for Ecological Planning & Design (CEPD) (http://cepd.cap.utah.edu/), an interdisciplinary hub for collaborative thinking and research at the nexus of the built and natural environments and human communities. CEPD faculty and students think broadly and connectively, while embedding research and practice in the particular geographic, cultural, and political context of the American West.

**Fellowship in Community Engagement and Diversity**
We invite Ph.D. applicants whose research interest is around planning processes in diverse populations across a range of scales from the neighborhood to the region, potentially addressing issues related to the Intermountain West and engaging local urban and rural communities. We especially desire applicants who want to collaborate with local indigenous communities through our College’s DesignBuildBluff (http://www.designbuildbluff.org/) program and/or with immigrants and Latin/x communities in the West Side of Salt Lake City through University Neighborhood Partners (https://partners.utah.edu/).

Ph.D. applicants should discuss why their research focus aligns with the fellowship in the statement of interest. Questions about the Ph.D. program should be directed to Professor Divya Chandrasekhar, chandrasekhar@arch.utah.edu. Apply (http://plan.cap.utah.edu/phd-admissions-page/) by January 10, 2020.

**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.

**Inside Higher Ed**

In the Dark on Digital Learning (http://www.insidehighered.com/digital-learning/article/2019/10/16/administrators-are-neither-engaged-nor-knowledgeable-about)

National Incident Management System

FEMA is publishing a National Qualification System (NQS) document that enhances interoperability and the effectiveness of mutual aid during an incident response, and it provides more detail and procedural discussion about the qualification and certification processes. Tuesday’s release includes the NIMS NQS Supplemental Guide for QRB, which provides basic processes and procedures to assist AHJs develop and maintain a Qualification Review Board (QRB) as part of the larger certification process. To access the document: https://www.fema.gov/national-qualification-system.

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

Loss Angeles Times

Phys.Org

PreventionWeb
Surging waters: Science empowering communities in the face of floodings (https://www.preventionweb.net/publications/view/67930?&a=email&utm_source=pw_email)
After the fire vulnerable communities respond and rebuild (https://www.preventionweb.net/publications/view/66889?&a=email&utm_source=pw_email)

Homeland Security Today

American City & County
Best practices for state and local governments to improve natural disaster preparedness (https://www.americancityandcounty.com/2019/10/14/best-practices-for-state-and-local-governments-to-improve-natural-disaster-preparedness/)

FEMA’s Ready Campaign and the Ad Council have joined with Sony Pictures to promote emergency preparedness through a campaign tied to the upcoming film, “Zombieland: Double Tap” to promote
emergency preparedness. Sony Pictures developed a Public Service Announcement (PSA) (https://www.psacentral.org/asset/plan-ahead-zombieland-2/202267203) with original movie footage that will run in theatres with the film’s release on Friday, Oct. 18. In the PSA, cast members describe what families should do to prepare for disasters with the theme, “Zombies don’t plan ahead. You can. Make your emergency plan.” Ready Twitter and Ready Facebook will promote the PSAs along with Sony Pictures.

Calendar


Planning for Hazards: Land Use Solutions for Drought and Cascading Impacts, October 29, 2019, 2:00 – 3:00 PM ET (https://register.gotowebinar.com/register/3435592708066941965)

Disaster Spending and Mitigation: A State-by-State Story Webinar, November 12, 2019, 1:00 - 2:00 PM ET (https://hazards.colorado.edu/training/webinars/disaster-spending-and-mitigation)

Capabilities Based Planning Workshop for Higher Education, University of Delaware, November 21, 2019, 9:00 AM – 3:30 PM ET (https://www.eventbrite.com/e/capabilities-based-planning-workshop-for-higher-education-u-of-delaware-tickets-75023967707)

IAEM 67th Annual Conference, November 15-20, 2019, Savannah International Trade & Convention Center, Savannah, Georgia (https://iaemconference.info/2019/)

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 Higher Education Program do not endorse any non-government websites, companies, or applications.