

# Program News for the week ending February 5, 2021

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# **Program Update**

FEMA's National Training and Education Division (NTED) manages the Emergency Management Higher Education Program (HiEd) in partnership with FEMA's Emergency Management Institute (EMI) and the <u>Center for Homeland Defense and Security (CHDS)</u> (https://www.chds.us). We serve the needs of the community, including institutions of higher education, professional organizations and practitioners who are all dedicated to advancing the field of emergency management. If you have any thoughts or comments regarding the future of HiEd, please send a message to our **new group email address**: <u>FEMA-HiEd@fema.dhs.gov</u>.

We are in the process of a full redesign and update for the College List and the HiEd website. We hope to have the new College List online in the coming weeks. Thank you for your patience.

# **Community Call**

**The next HiEd Community Call is Friday, Feb. 19, 2021 from 2 to 3 p.m. ET.** Link to the community call: https://fema.zoomgov.com/j/16046780270. Meeting ID: 160 4678 0270, Password: 621901. This is an informal call – all are welcome. We schedule one or two short presentations at the beginning of the call and then open it up for discussion about ongoing projects and opportunities for collaboration. If you would like to be a presenter on a future call, send an email with your name, topic and short description to FEMA-HiEd@fema.dhs.gov.

We are seeking guest hosts for future calls. For more information, email <u>FEMA-HiEd@fema.dhs.gov</u>.

Scheduled Presenters:

- Chris Chesney, Acting Superintendent, FEMA's Center for Domestic Preparedness Residential Training Lessons Learned
- Nick LaLone, University of Nebraska Omaha and Jamie Stacy, Arkansas Tech University Call for Submissions for the 2021 Emergency Management HiEd Symposium and Peer Review Process.



# 2021 HiEd Symposium

## SAVE THE DATE: 23<sup>rd</sup> Annual Emergency Management HiEd Symposium, June 8-10, 2021.

Pre-symposium workshop dates and topics are below. Addition information will be provided soon.

- GIS Workshop, May 21, 2021, 12 4 p.m. ET Kevin Mickey, GISP CTT+, Indiana University– Purdue University Indianapolis
- What To Teach in Emergency Management May 28, 2021, 12 4 p.m. ET– David McEntire, Ph.D., Utah Valley University

## Call for Submissions

Symposium call for submissions link: https://easychair.org/cfp/23rdEMHigherEdSymposium This year HiEd is outsourcing the call for submissions and peer review process to members of the academic community. We are seeking submissions that:

- Host dialogues, activities, and tools to explore the development and teaching of issues in emergency management education.
- Offer workshops to hone the instructional, research, and program development skills of faculty.
- Share relevant and useful knowledge throughout the community to mentor faculty, students, and the wider profession.
- Showcase successful programs and highlight new and effective resources that promote continuous quality improvement.

## Deadline to submit is March 15, 2021.

## **Doctoral Graduates**

HiEd would like to celebrate new PhD graduates in our 2021 Symposium program. The program section entitled "Future Faculty Spotlight" highlights and shares the accomplishments of the community's recent doctoral students and their work. If you have anyone that you would like to include, please provide their name, school, dissertation title and a picture. Send information to <u>fema-emi-collegelist@fema.dhs.gov</u>.

## **Share Fair Directory**

The Share Fair Directory features colleges and universities, organizations, centers, agencies, new and innovative programs, projects, activities, and events. The online document will be available for download during the symposium. <u>See the 2020 Directory here</u>:

https://www.chds.us/ed/resources/uploads/2020/06/2020-FEMA-Higher-Education-Share-Fair-Directory.pdf. For more information, email <u>FEMA-HiEd@fema.dhs.gov</u>. **Deadline is April 23, 2021**.

## Kay C. Goss Innovation & Technology Award

The Effective Candidate Should Demonstrate the Following Qualities:

- A record of regular participation in the Annual FEMA Emergency Management HiEd Symposium.
- Outstanding teaching effectiveness both within and outside the classroom using emerging technologies.
- The ability to inspire, promote, and develop emergency management (EM) programs, professors, and students through innovative methods.
- Professional contributions to the EM field.

## To Make a Nomination

Send a letter addressing how the nominee meets the criteria listed above to <u>EM.AWARDS@ATU.EDU</u>



Deadline for submissions is April 30. Award will be presented at the 2021 Emergency Management HiEd Symposium June 8-10, 2021.

## 2021 Scholarship of Teaching and Learning Award

Have you published one or more studies about pedagogy or andragogy in EMHS higher education? Then apply for the Scholarship of Teaching and Learning (SoTL) Award, which will be presented at the 2021 Symposium. Sponsored by the University of Central Florida's School of Public Administration, this annual award is based on specific criteria and recognizes outstanding SoTL efforts within the EMHS disciplines. Deadline is April 30, 2021. More information can be found on the HiEd website:

https://training.fema.gov/hiedu/19conf/sotl%20award%20criteria final.pdf. Consider self-nominations or nominating a colleague today by emailing <u>Claire.Knox@ucf.edu</u>.

# **The College List**

The College List, located at https://training.fema.gov/hiedu/collegelist, is a comprehensive online resource that outlines programs at all levels of study in EM, homeland security (HS), and related fields. Information is stored in a database for analysis and management. HiEd staff do not provide 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.

New College List Programs:

- University of Miami <u>Certificate in Geospatial Technology</u> (https://gisc.as.miami.edu)
- University of Miami Certificate in Security Management (https://bulletin.miami.edu/graduateacademic-programs/arts-sciences/international-administration/#certificatestext)
- University of Miami Master of Arts in International Administration • (https://maia.as.miami.edu/index.html)

## Internship, Scholarship, Research and Training Opportunities



Figure 1: Brandi Hunter, Emergency Manager profile-brandi-hunter.

## Center of Excellence Homeland Security Emergency Management, Women in **Emergency Management Profile – Brandi Hunter**

Brandi Hunter is dedicated to making the field she has chosen more effective in serving the whole community. She graduated from Pierce College at Fort Steilacoom in Lakewood, WA - in the HSEM program. She started a Linked In group, Aspiring Emergency Managers Online (AEMO)

(https://www.linkedin.com/company/aspiringemergencymanagers). Experienced people in the field joined, as did students and others looking for work in EM. In her position as Education and Outreach Coordinator at the Center of Excellence, Homeland Security and Emergency Management, she successfully worked to increase the diversity of the board. Ms. Hunter recently accepted a position with Tacoma-Pierce County Public Health as Deputy Planning Section Chief where she will be working on COVID-19 response. Read Brandi's story: https://www.coehsem.com/women-in-emergency-management-



## **National Science Foundation**

Dear Colleague Letter: Pilot Projects to Integrate Existing Data and Data-Focused Cyberinfrastructure to Enable Community-level Discovery Pathways (https://www.nsf.gov/pubs/2021/nsf21045/nsf21045.jsp)

"A Framework for Convergence Research in the Hazards and Disaster Field: The Natural Hazards Engineering Research Infrastructure CONVERGE Facility." Recently published paper synthesizes nearly two decades of writing on convergent approaches to research and offers a working definition of convergence research for the hazards field. The goal is to motivate such problem-focused *and* solutions-oriented efforts in the field. Download the paper here: https://www.frontiersin.org/articles/10.3389/fbuil.2020.00110/full.

The DHS Office of Public Affairs (OPA) is seeking applicants for their Summer 2021 Internship Program. OPA is responsible for managing external and internal communications. <u>Click here for the OPA internship application</u>: https://www.dhs.gov/sites/default/files/publications/21\_0121\_opa\_internship-application-summer-2021.pdf. <u>Click here for information and volunteer agreement</u>: https://www.dhs.gov/sites/default/files/publications/21\_0121\_opa\_internship-information-summer-2021.pdf.

The Institute for Diversity and Inclusion (IDIEM) and HiEd present Student Voices Series: A collective conversation from diverse EM & HS student groups including students of color, women, LGBTQIA+, and people with disabilities.



- February 18, 2-3 p.m. Identifying Needs of Diverse Students in EM/HS Programs. (No longer available)
- February 25, 2-3 p.m. Defining Student Experiences in EM/HS Programs. (No longer available)
- March 4, 2-3 p.m. Supporting Students: Identifying Solutions for Barriers to Student Success. (No longer available)
- March 11, 2-3 p.m. Collaborative Learning: Bridging the Gap Between Academicians and Students. (No longer available)

## **Special Interest Groups**

**Special Interest Groups (SIGs)** are self-organized and self-directed by members of the community for knowledge exchange on specific topics related to EM higher education. SIG members can potentially become involved in co-authoring research, mentoring students, and advising practitioners. To join a SIG, contact the SIG lead.

<u>Case Teaching and Learning</u> Jane Kushma, <u>jkushma@jsu.edu</u> Jean Slick, Jean.Slick@RoyalRoads.ca

<u>Collaboration, Connection, and Commitment to 2-Year</u> <u>Programs</u> Diana Culp, <u>dculp@frederick.edu</u>

## **Ethics**

Sandy Maxwell Smith, <u>ssmith107@atu.edu</u> Shirley Feldmann-Jensen, <u>shirley.jensen@csulb.edu</u> Sub-Committee Leads, <u>Carol.cwiak@ndsu.edu</u> Curriculum & Resources: Jude Colle, <u>Jude.colle@csulb.edu</u>

Information Exchange and Symposium Planning Jamie Stacy, jstacy4@atu.edu

# HIGHER EDUCATION PROGRAM (HiEd)

NATIONAL TRAINING AND EDUCATION DIVISION • NATIONAL PREPAREDNESS DIRECTORATE



#### **International**

Ray Chang, CHANGR2@erau.edu

Jobs and Internships Stacy Willet, <u>smuffet@uakron.edu</u>

## New Program Resources

Stephanie Lipson Mizrahi, <u>smizrahi@csus.edu</u> David B. Taylor, <u>dtaylor@niagara.edu</u>

# Race, Ethnicity, and Economic Impacts

Meldon Hollis, mhollis152@aol.com

## Scholarship of Teaching and Learning

Caroline S. Hackerott, <u>caroline.hackerott@ndsu.edu</u> Mark Landahl, <u>MLandahl@frederick.edu</u>

#### Science and Technology Integration (S&T)

Nick LaLone, <u>nlalone@unomaha.edu</u> Sean Ryan, <u>sean.ryan@nau.edu</u>

#### Service-Learning and Leadership

Elizabeth Dunn, <u>eadunn2@usf.edu</u> Rebecca Morgenstern Brenner, <u>rebecca.brenner@cornell.edu</u> Lucia Velotti, <u>lvelotti@jjay.cuny.edu</u>

Student Perspectives and Academic Learning Terry Cooper, tcoop4@unh.newhaven.edu

#### Theory and Research

Joel Palmer, <u>Joel.Palmer@fema.dhs.gov</u> Ray Chang, <u>CHANGR2@erau.edu</u>

#### <u>Unity of Effort: Education Standards, Accreditation and</u> Collaboration

Larry Porter, <u>larry.a.porter@gmail.com</u> James Ramsay, <u>james.ramsay@unh.edu</u> Romeo Lavarias, <u>rblavarias@miramarfd.org</u> Daryl Spiewak, <u>daryls@hot.rr.com</u>

## Wildland Urban Interface Governance

Brian Gerber, <u>Brian.Gerber@asu.edu</u> Steve Jensen, <u>steven.jensen@csulb.edu</u>

## Resources

The resources below are compiled from a variety of sources to support research or classroom use. The links are provided as a convenience. They do not constitute any endorsement or approval by FEMA or the Higher Education Program.

## Inside Higher Ed

On Swagger (https://www.insidehighered.com/advice/2021/02/02/importance-having-bit-swagger-when-applying-jobs-opinion)

## The Council for the Accreditation of Emergency Management & Homeland Security Education

(CAEMHSE) has completed updating standards for EM and HS education programs leading toward associate's, bachelor's, and master's degrees and currently have several homeland security programs lined up to accredit. CAEMHSE will be seeking recognition as an accrediting body soon after. An article written by Larry A. Porter, Ph.D., CEM, President and Valerie Lucus-McEwen, MS, CEM, CBCP, Secretary, was published in the October 2020 issue of the IAEM Bulletin

(https://www.iaem.org/Portals/25/documents/202010bulletinonline.pdf) speaks to the efforts addressing the [minimum] standards leading to accreditation of EM education programs in colleges and universities: "Assessment and Accreditation of Emergency Management (and Homeland Security) Education Degree Programs." <u>Click here for more information about CAEMHSE</u>: https://www.caemhse.education/about-us.

Domestic Preparedness New Tool Helps Organizations Improve Crisis Communications



## U.S. Fire Administration

<u>New tools assist wildfire detection and smoke forecasting</u> (https://www.usfa.fema.gov/operations/infograms/011421.html)

Second in a series of articles featuring Higher Education Program Research Projects

## State of the Community Annual Survey and Report, Dr. DeeDee Bennett Gayle

HiEd sponsors an annual survey to ascertain the state of EM higher education programs, including faculty, curriculum, and students. For the past four years, the survey has been administered by Dr. DeeDee Bennett Gayle. The survey is sent to institution points of contact, as identified from the HiEd College List. This year, the points of contact will be asked about recent challenges their programs have faced, as well as the diversity of their faculty. The survey will be sent on Feb. 8, 2021 and should take approximately 20 minutes or less. The survey will be open for three weeks.

2020 Report Highlights

In 2020, a total of 117 US-based and seven international institutions responded to the survey, submitting information for nearly 155 programs. Most programs had an overall focus on preparing students for work in the public sector and offered undergraduate education. While the programs were housed in a number of different departments, EM and HS were the most frequently reported. More than 50% of the programs have offered EM curriculum between 5 and 15 years. Furthermore, the EM programs increasingly provided the majority of their curriculum in an online format. Based on the data, roughly 8,000 students graduated with an EM degree in 2020, with more than 61,000 graduated since reporting began in 2004. More than 50% of the programs have seen an increase in enrollment and expect an increase in enrollment over the past three years. Over 50% of the programs expect an increase in graduation over the next three years.

Occasionally, the survey will include one or two new questions. Last year, questions related to anticipated changes in the program due to the pandemic were added. Many programs have had significant changes during the spring semester, which had an impact on EM curriculum and coursework due to the pandemic. Approximately 24% moved to temporary remote learning, 13% have had an increase in the program from students, and 12% have had an increase in the program from their universities. Respondents also indicated several anticipated changes in their program due to COVID-19; 28% of respondents expect an increase in enrollment, and 16% anticipate a reduction in funds to support their program.

Regarding access to HiEd resources, most of the programs use the independent study courses (23%), the Principles of EM document (22%) and journal articles (20%) found on the FEMA HiEd website. Most respondents have participated in the special interest groups (43%), focus groups (32%), and the annual HiEd Emergency Management Symposium (54%). However, nearly 36% of program respondents were not aware of the webinars.

For more information about the survey, please contact Dr. Bennett Gayle at <u>dmbennett@albany.edu</u>.



## Calendar

The Natural Hazards Center, in partnership with FEMA, *Building Codes Save: The Data Behind a Nationwide Effort to Reduce Hazard-Related Property Loss* webinar, Tuesday, Feb. 9, 2021 from 1 to 2 p.m. ET. The session features a distinguished panel of experts to discuss the importance of building codes and the need for greater adoption of hazard-resistant codes in communities nationwide, including a look at the newly released report, <u>Building Codes Save: A Nationwide Study</u> (https://www.fema.gov/emergencymanagers/risk-management/building-science/building-codes-save-study). <u>Click here to register</u>: https://cuboulder.zoom.us/webinar/register/WN\_IYYuMqBaQQOK6dFn-FDvRg.

**Funding Notice for the DHS/FEMA Fiscal Year 2020 Assistance to Firefighters Grant program** is available. The application period for nearly \$320 million in funding will remain open until 5 p.m. ET on Feb. 12. The notice and technical assistance documents for this program are available at <u>Grants.gov</u> (https://www.grants.gov) and on <u>FEMA.gov</u>

(https://www.fema.gov/grants/preparedness/firefighters/assistance-grants/documents). Additional information about upcoming webinars to assist applicants is also available on <u>FEMA.gov</u> (https://www.fema.gov/grants/preparedness/firefighters/workshops). Any applicants requiring assistance should visit that website, send an email to the FEMA AFG Program Help Desk: <u>firegrants@fema.dhs.gov</u> or call (866) 274-0960.

## Registration is open for the 28<sup>th</sup> Annual National Dam Safety Program Technical Seminar, "<u>Risk</u> Informed Decision Making and Benefit Cost Analysis for Dam and Levee Projects"

(https://training.fema.gov/dsts). This seminar will be held virtually on FEMA Adobe Connect from 11 a.m. to 4 p.m. ET on Feb. 16 - 19. Participants encouraged to apply include all dam and levee safety professionals, including public and private dam owners/operators, dam safety engineers, land use planners and EM officials. <u>Click here to register</u>: https://training.fema.gov/dsts/reg.aspx.

**National Hurricane Conference**, June 14-17, 2021, Hilton Riverside, New Orleans, LA. The primary goal of the National Hurricane Conference is to improve hurricane preparedness, response, recovery and mitigation in order to save lives and property in the United States and the tropical islands of the Caribbean and Pacific. In addition, the conference serves as a national forum for federal, state and local officials to exchange ideas and recommend new policies to improve EM. <u>Click here for more information and to register</u>: https://hurricanemeeting.com/.

**Save The Date: 46th Annual Natural Hazards Workshop Virtual Event, July 11 - 14, 2021** with the **Researchers Meeting** to follow on **July 14 and 15, 2021**. The workshop brings together federal, state, and local mitigation and EM officials and planning professionals; representatives of nonprofit, private sector, and humanitarian organizations; hazards and disaster researchers; and others dedicated to alleviating the impacts of disasters.



# **Employment Opportunities**

<u>Federal vacancies are posted on USAJOBS</u> at https://www.usajobs.gov. When you save a search, they will automatically send email updates with new jobs that match the criteria.

Higher Education Vacancies:

- University of Illinois Springfield Assistant Professor of Public Health/Epidemiology (No longer available)
- University at Buffalo <u>Clinical Assistant/Associate Professor 12 Epidemiology and Environmental</u> <u>Health</u> (https://www.ubjobs.buffalo.edu/postings/26852)
- Rowan University <u>Criminal Justice Lecturer</u> (https://careers.pageuppeople.com/860/cw/enus/job/494967)
- Excelsior College <u>Adjunct Faculty Criminal Justice</u> (https://jobs.excelsior.edu/job/adjunct-facultycriminal-justice/)
- Full Sail University <u>Course Director Cybersecurity (Faculty)</u> (https://fullsail.wd1.myworkdayjobs.com/en-US/External/job/Full-Sail/Course-Director----Cybersecurity--Faculty-\_R00004436)
- Rivier University <u>Cybersecurity Adjunct Faculty</u> (https://www.rivier.edu/careers/?gnk=job&gni=8a7883a87625ee7e017639e91f927330)
- Laredo Community College <u>Homeland Security Studies Adjunct Instructor</u> (https://www.governmentjobs.com/careers/laredoedu/jobs/2841168/homeland-security-studiesadjunct-instructor)
- Mercy College <u>Visiting Assistant Professor, Homeland Security</u> (https://jobs.mercy.edu/postings/5923)
- Santa Monica College <u>PT Instructor Earth Science (Geographic Information Systems) -</u> <u>Continuous Applicant Pool</u> (https://www.schooljobs.com/careers/smcacademic/jobs/2197744/ptinstructor-earth-science-geographic-information-systems-continuous-appli)
- San Juan College <u>Adjunct Instructor of GIS Technology</u> (https://sanjuancollege.peopleadmin.com/postings/4060)
- USAID Disaster Risk Reduction Specialist (No longer available)
- Virginia Tech <u>Assistant Professor in Social Dimensions of Coastal Studies</u> (https://careers.pageuppeople.com/968/cw/en-us/job/515045/assistant-professor)
- Clark State College <u>Risk and Emergency Management Coordinator</u> (https://www.clarkstate.edu/about-us/employment/risk-and-emergency-management-coordinator)

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