

HIGHER EDUCATION PROGRAM

NATIONAL TRAINING AND EDUCATION DIVISION • NATIONAL PREPAREDNESS DIRECTORATE
NATIONAL EMERGENCY TRAINING CENTER • EMMITSBURG, MD



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Program News for the week ending October 2, 2020

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Program Update

During this period of transition, we are taking the opportunity to reflect on the state of the Emergency Management Higher Education Program (HiEd) and affirm our commitment to 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 the HiEd Program that you would like to share, please contact Michelle Norphlet, the Interim HiEd Program Manager, at Michelle.Norphlet@fema.dhs.gov or Lisa Lofton, the National Training and Education Division (NTED) Senior Advisor, at Lisa.Lofton@fema.dhs.gov.

We are in the process of a full redesign and update for both the College List and the HiEd website. The FEMA Office of the Chief Information Officer (OCIO) has established a Period of Non-Disruption (POND). The POND allows server updates and patching, but not much else. As soon as the POND is lifted, we will resume work. We hope to share the changes in the next couple of months. Thank you for your patience.

The College List

[The College List](https://training.fema.gov/hiedu/collegelist/), located at <https://training.fema.gov/hiedu/collegelist/>, is a comprehensive online resource that outlines programs at all levels of study in emergency management (EM) and related fields. Information is stored in a database for analysis and management. HiEd Program 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:

- [American University](https://www.american.edu/spa/ms-thsp/index.cfm) (<https://www.american.edu/spa/ms-thsp/index.cfm>) - Master of Science in Terrorism and Homeland Security Policy
- [Slippery Rock University](https://www.sru.edu/academics/colleges-and-departments/cla/departments/homeland-corporate-security-studies) (<https://www.sru.edu/academics/colleges-and-departments/cla/departments/homeland-corporate-security-studies>) - Bachelor of Science Certificate in Homeland Security



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- Thomas Edison State University (<https://www.tesu.edu/ast/programs/bs-cybersecurity>) - Bachelor of Science in Cybersecurity (Online)
- Thomas Edison State University (<https://www.tesu.edu/watson/grad-certificates/counterterrorism>) - Graduate Certificate in Counterterrorism (Online)
- Thomas Edison State University (<https://www.tesu.edu/ast/programs/cybersecurity-grad-certificate>) - Graduate Certificate in Cybersecurity (Online)
- Thomas Edison State University (<https://www.tesu.edu/watson/grad-certificates/emergency-management>) - Graduate Certificate in Emergency Management (Online)
- Thomas Edison State University (<https://www.tesu.edu/ast/programs/ms-cybersecurity/index>) - Master of Science in Cybersecurity (Online)
- Thomas Edison State University (<https://www.tesu.edu/watson/mshs/index>) - Master of Science in Management/Area of Study in Homeland Security (Online)
- New York University, School of Global Public Health (<https://publichealth.nyu.edu/programs/certificates/advanced-certificate-public-health-disaster-science-policy-and-practice>) - Advanced Certificate in Public Health Disaster Science, Policy and Practice

Internship, Scholarship, Research and Training Opportunities

Call for a Communications Lead and Web Support Intern. A group of scholars and grassroots collaborators are looking to collaborate with a graduate student focused on disaster communications to monitor and update a website and social media focused on a Just Hurricane Laura Recovery. This is an unpaid volunteer position that would involve perhaps 1 to 2 hours of work, per week. If interested, contact Julie Maldonado at jkmaldo@gmail.com.

Gund Postdoc Positions for Fall 2021. The Gund Institute for Environment at the University of Vermont seeks exceptional postdoctoral scholars to conduct interdisciplinary research on major global environmental challenges. Gund postdocs pursue rigorous, original research that spans traditional disciplines and contributes to the [focus areas of the institute](https://www.uvm.edu/gund/gund-research-themes) (<https://www.uvm.edu/gund/gund-research-themes>). Postdocs will also have opportunities for professional development, including communications and policy training. [See website for more details](https://www.uvm.edu/gund/postdoctoral-fellowships) (<https://www.uvm.edu/gund/postdoctoral-fellowships>).

The [National Institute for Risk and Resilience](https://risk.ou.edu) (NIRR; risk.ou.edu) at the University of Oklahoma (OU) is seeking a postdoctoral researcher to work on a 5-year, \$20 million, NSF-funded project on [Socially Sustainable Solutions for Water, Carbon, and Infrastructure Resilience in Oklahoma \(S3OK\)](https://www.nsf.gov/awardsearch/showAward?AWD_ID=1946093) (https://www.nsf.gov/awardsearch/showAward?AWD_ID=1946093). The highly interdisciplinary project includes researchers from social and natural sciences, meteorology and engineering. Applicants should hold a Ph.D. degree in civil engineering, operations research, electrical engineering, or a related field.

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The successful applicant will have:

- Experience designing and implementing network analysis, large-scale optimization models and stochastic programming.
- Excellent quantitative, analytical and communication skills.

The appointment is for one year and will be extended depending on job performance. [Award Abstract](https://www.nsf.gov/awardsearch/showAward?AWD_ID=1946093) (https://www.nsf.gov/awardsearch/showAward?AWD_ID=1946093). To apply, send a cover letter, CV, list of representative journal publications, and the names of three references to Professor K.K. "Muralee" Muraleetharan (muralee@ou.edu), Associate Director for Infrastructure and Engineering at NIRR.

The International Degree Program of Climate Change and Sustainable Development (IPCS) at National Taiwan University invites applications for a faculty member (rank commensurate with experience). This is a search for an expert in the field of earth, life or social sciences related to climate change and sustainable development. The successful candidate is expected to establish a vigorous research program that complements and augments strengths within IPCS and to participate in teaching. An applicant must possess a Ph.D., preferably with postdoctoral experience and a strong track record of scientific productivity. **The position begins August 1, 2021.**

Address inquiries to Professor Shih Shen Chien (schien@ntu.edu.tw), Chair of IPCS. [For more information, visit http://www.ipcs.ntu.edu.tw/page/about/index.aspx?kind=98.](http://www.ipcs.ntu.edu.tw/page/about/index.aspx?kind=98)

Applicants are requested to submit an application through the Academic Jobs Online and include a (1) cover letter, (2) curriculum vitae including the publication list, (3) statement of research interests, (4) teaching statement, and (5) contact information of at least three referees. **The application deadline is December 31, 2020.**

Texas Southern University is creating a pool of candidates who can teach in the emergency management and homeland security undergraduate program. [To apply, go to https://jobs.tsu.edu/postings/3762.](https://jobs.tsu.edu/postings/3762) Applicants must indicate their interest in the emergency management and homeland security undergraduate program.

Postdoc position is immediately available in Dr. Claudia Marin's research group in the Department of Civil and Environmental Engineering (CEE) at Howard University. The successful applicant will conduct research to support an NSF Convergence Accelerator team, under Dr. Marin's supervision in the general area of structural health monitoring. Relevant research topics include but are not limited to:

- Systems identification
- Damage assessment
- Structural health monitoring
- Experimental and field dataset collection and analysis
- Machine Learning (ML) and pattern recognition with physics-based reasoning



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The candidate is expected to take personal initiative to complete tasks to meet project goals and be capable of responding to deliverable timelines as are typical in collaborative research involving industry. This position is designed to end August 31, 2021, with the possibility to be extended pending availability of funds.

To apply, send the following documents to cmarin@howard.edu:

- Cover letter (maximum one-page) describing relevant research experience and career goals
- Complete CV including GPA, research experience, a list of publications (if any)
- Transcript: an unofficial version is acceptable
- Contact information for three referees in support of the application

Special Interest Groups

Special Interest Groups (SIGs) support the increased exchange of knowledge in specific areas and applications of emergency management education. SIG members can potentially become involved in co-authoring/researching and serving as mentors to students and as subject matter experts to practitioners. [Click here for more information and a list of SIGs.](https://training.fema.gov/hiedu/specialinterest/sig.aspx) (https://training.fema.gov/hiedu/specialinterest/sig.aspx). To join a SIG, send an email to Rebecca Burns at Rebecca.Burns@associates.fema.dhs.gov.

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.

Borgen Magazine

[How Natural Disasters Impact Impoverished Communities](https://www.borgenmagazine.com/natural-disasters/) (https://www.borgenmagazine.com/natural-disasters/)

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[Floodplain Management Requirements for Agricultural and Accessory Structures](https://www.fema.gov/media-collection/floodplain-management-requirements-agricultural-and-accessory-structures)

(https://www.fema.gov/media-collection/floodplain-management-requirements-agricultural-and-accessory-structures)

ASPR TRACIE Express

[COVID-19 Resources: September Update #2](https://myemail.constantcontact.com/ASPR-TRACIE-Express--COVID-19-Resources--September-Update--2-.html?soid=1128154145936&aid=rO1YgRmHmIY) (https://myemail.constantcontact.com/ASPR-TRACIE-Express--COVID-19-Resources--September-Update--2-.html?soid=1128154145936&aid=rO1YgRmHmIY)

FEMA's [Center for Domestic Preparedness](https://cdp.dhs.gov) (CDP), Health and Medical Disaster and Emergency Planning, Response, and Management: Cohort, College, and University Customizable, Virtual Programs (https://cdp.dhs.gov)

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Cohort Program. In collaboration with healthcare facilities, health systems, community health systems and healthcare coalitions, the CDP offers a customizable, virtual program designed to your needs. The CDP can deliver a single or multiple courses and/or topics tailored to your schedule. Each attendee that completes a course or topic will receive a certificate and be awarded contact hours for continuing education credit.

College and University Program. In collaboration with colleges and universities, the CDP offers customizable, virtual training for EMT, paramedic, nursing and medical education programs. This may consist of the delivery of a single or multiple courses and/or topics and can be presented exclusively by highly experienced CDP staff or collaboratively as a component of a for-credit course in collaboration with college or university faculty.

[CDP Courses and Topics Currently Available for Customized, Virtual Delivery](https://cdp.dhs.gov/vilt) (<https://cdp.dhs.gov/vilt>)

Contact. For more information, please contact Dr. Kelly W. Ryan at (256) 282-0138 or kelly.ryan@fema.dhs.gov to discuss options and customize a program that meets your needs and schedule.

Calendar

October 9: NPS-CHDS Executive Education Program Webinar “Housing Challenges in COVID-19, Pt. 1. Shelter from the Storm: Examining Housing and Shelter Systems in Disasters During COVID-19” (delivered remotely)

October 14: NPS-CHDS Webinar Briefing with Dr. Anthony Fauci, director of the National Institute of Allergy and Infectious Diseases (delivered remotely)

October 16: NPS-CHDS Executive Education Program Webinar “Housing Challenges in COVID-19, Pt. 2. Shelters of Last Resort: Congregate Shelter Systems for Homeless and Vulnerable Populations During COVID-19” (delivered remotely)

September 17 through October 8: FEMA’s Emergency Management Institute will host the [2020 Virtual National Preparedness Symposium](https://training.fema.gov/nationalpreparednesssymposium) (<https://training.fema.gov/nationalpreparednesssymposium>) via Adobe Connect. The virtual event will provide a forum for attendees to share best practices and case studies related to the training of state, local, tribal and territorial responders and emergency managers. Some of the sessions on the agenda include:

- Moving Training Forward with Virtual Learning
- Reset of the National Continuity Training Program
- Psychological Preparedness for Responders
- Airborne International Response Team (AIRT); Training Remote Pilots for Disaster Operations

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The virtual symposium will take place from 1 - 4 p.m. ET, Thursday, September 17, 2020, and at 1 p.m. each of the following Thursdays through October 8, 2020. For additional information or comments, contact the course manager, EMI Preparedness Branch by email at fema-emi-preparedness@fema.dhs.gov.

October 16, 2020: The next HiEd Community conference call is Friday, September 18, 2020, from 2-3 p.m. ET on ZoomGov. [Link to the community call](https://fema.zoomgov.com/j/16046780270) (https://fema.zoomgov.com/j/16046780270). Meeting ID: 160 4678 0270, Password: 621901. Find out about ongoing projects and discuss community needs that the HiEd Program can address.

Now through 7:59 p.m. ET October 15, 2020: DHS S&T Launches New Prize Competition for User Interface (UI) for Digital Wallets. DHS S&T is calling upon innovators to design a better UI for digital wallets that store credentials. DHS's prize competition is for better Trusted UI for Digital Wallets with a total prize purse of \$25,000. The winning designs will be easy-to-use, trustworthy and improve the overall user experience and management of digital wallet-based credentials. [For more information](https://www.challenge.gov/challenge/trusted-user-interface-for-digital-wallets-challenge) (https://www.challenge.gov/challenge/trusted-user-interface-for-digital-wallets-challenge).

October 6 – November 13, 2020, [Leading During The Pandemic: A Professional Development Series](https://connect.chronicle.com/LeadingDuringthePandemic.html) (https://connect.chronicle.com/LeadingDuringthePandemic.html)

Ensure you have the knowledge and skills to lead your team, support your students, and grow your career. Space is limited; [reserve your spot today](https://connect.chronicle.com/LeadingDuringthePandemic.html) (https://connect.chronicle.com/LeadingDuringthePandemic.html).

November 2-4, 2020: Center for Homeland Defense and Security (CHDS) 13th Annual Homeland Defense and Security Education Summit. Also sponsored by FEMA's National Training and Education Division, the CHDS University and Agency Partnership Program is a strategic partner for the HiEd Program. This year's theme is Leading and Educating in a Multi-Threat, Multi-Hazard Environment: What Homeland Security Leaders Need to Know.

The summit will be held in a remote, web-based format to ensure maximum participation from our colleagues and friends around the U.S. (and beyond). As in previous years, the summit will feature focused sessions to explore complex issues in multi-threat/hazard operating environments, support faculty development, and present innovative approaches to homeland security research and education. There will be a broad and deep bench of expert speakers and presenters. Announcements on the summit agenda will be made later this month. [For more information](https://www.uapi.us/programs/2077) (https://www.uapi.us/programs/2077).

November 16-18, 2020: International Association of Emergency Managers 68th Annual Conference. This year's theme is "Visioning the Future of Emergency Management." [For more information](https://www.iaem.org/usconf) (https://www.iaem.org/usconf).



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Employment Opportunities

Federal vacancies are posted on [USAJOBS](https://www.usajobs.gov) 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 Colorado Boulder](https://jobs.colorado.edu/jobs/JobDetail/Multiple-Open-Discipline-Faculty-Positions-in-Engineering-and-Applied-Science/26989) (<https://jobs.colorado.edu/jobs/JobDetail/Multiple-Open-Discipline-Faculty-Positions-in-Engineering-and-Applied-Science/26989>) - Multiple Open-Discipline Faculty Positions in Engineering and Applied Science
- [Johns Hopkins University](https://apply.interfolio.com/62072) (<https://apply.interfolio.com/62072>) - Research Associate (Faculty Level) Statistician/Epidemiologist
- Texas A&M University – Commerce - Assistant Professor - Criminal Justice (**No longer available**)
- [Saint Leo University](https://saintleo.wd5.myworkdayjobs.com/en-US/SLU/job/University-Campus-Adjunct---Criminal-Justice_R3449) (https://saintleo.wd5.myworkdayjobs.com/en-US/SLU/job/University-Campus-Adjunct---Criminal-Justice_R3449) - Adjunct - Criminal Justice
- [Sul Ross State University](https://sulross.peopleadmin.com/postings/5630) (<https://sulross.peopleadmin.com/postings/5630>) - Part Time Faculty Homeland Security/Criminal Justice
- [Assumption University](https://assumption.interviewexchange.com/jobofferdetails.jsp?JOBID=118717) (<https://assumption.interviewexchange.com/jobofferdetails.jsp?JOBID=118717>) - Adjunct Faculty in Cybersecurity
- [Tarrant County College District](https://jobs.tccd.edu/postings/23919) (<https://jobs.tccd.edu/postings/23919>) - Instructor - Geographic Information Systems and Cartography (GIS)
- [Savannah Technical College](https://ga.taleo.net/careersection/ga_external/jobdetail.ftl?job=EDU02ZL) (https://ga.taleo.net/careersection/ga_external/jobdetail.ftl?job=EDU02ZL) - Fire Science Department Head/Instructor (10-month)
- [Coast Community College District](https://www.governmentjobs.com/careers/cccd/jobs/2855888/director-campus-public-safety-emergency-management) (<https://www.governmentjobs.com/careers/cccd/jobs/2855888/director-campus-public-safety-emergency-management>) - Director, Campus Public Safety & Emergency Management
- [Howard University](https://www.talent.com/view?id=8daaeb5f7d36) (<https://www.talent.com/view?id=8daaeb5f7d36>) - Emergency Manager - Department of Public Safety
- Adelphi University - Captain of Operations, Emergency Management & Training (**No longer available**)

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