

FEMA Higher Education Newsletter, July 12, 2022

FEMA's National Training and Education Division (NTED) manages the Higher Education (HiEd) Program to serve the needs of the community, including faculty, students, and staff at institutions of higher education, professional organizations and practitioners who are dedicated to advancing the field of emergency management (EM).

As of March 2022, the HiEd newsletter is published monthly. We'd like to include information useful to the community. What would you like to read more about? We want to hear from you!

HiEd Program Update

24th Annual FEMA Higher Education Symposium

HiEd sponsored the 24th Annual FEMA Higher Education Symposium held at the National Emergency Training Center (NETC) in Emmitsburg, MD June 6-9. The Symposium was an opportunity for faculty, practitioners, and students to come together with FEMA staff to expand the body of knowledge in emergency management through research. The theme this year was "Coming Together to Chart a New Path: Empowering the Higher Education Community to Create Transformational Change, which was inspired by the energy and excitement of being back in person after two years. The week consisted of two pre-conference workshops, 18 plenary sessions, and 51 breakout sessions with close to 200 participants.

The HiEd website [24th Annual Symposium Agenda](https://training.fema.gov/hiedu/22conf/508-2022%20symposium%20block%20agenda_website.pdf?v=20220628) (https://training.fema.gov/hiedu/22conf/508-2022%20symposium%20block%20agenda_website.pdf?v=20220628) has been updated with all available power point slides.



Figure 1: 2022 HiEd Symposium Student Volunteers: 1st Row, Aprylee Brown, Makyla Grant, Trish O'Connor, Jennifer Claussen, Joseph Cole; 2nd Row, Kevin Kupietz, Barbara Johnson, Danielle Schule, Emily Heard, Matthew Van, Amy Kitchener, Kaitlyn Buckley, La Tanya Darton, Kelly Fitzgerald

With an eagerly anticipated face-to-face post-Covid symposium, HiEd was fortunate to have a wonderful team of student volunteers participating in the weeklong gathering. Student volunteers are an essential component of a very busy annual event at the NETC. Students assist with a myriad of tasks that include welcoming all participants to the morning plenaries where students are responsible for daily registration check in, passing microphones during plenary Q&A, handing out symposium folders, assisting session moderators and presenters, presenter timecards, spotlighting videos and various other tasks important to keeping the symposium running smoothly. Student volunteers represented seven different institutions of higher education: National University, Pennsylvania State University, University of Hawaii, San Jose State University, American University, Elizabeth City State University and the University of Delaware.



FEMA

Thank you to the members of the symposium planning group who partnered with the HiEd team over the past year to coordinate the 2022 Symposium! FEMA's 24th Annual Emergency Management Higher Education Symposium would not have been possible without support from the academic planning committee. And a special thank you to the symposium planning academic co-lead, Dr. Ray Chang. Ray's insight was invaluable, and the HiEd Program is grateful for his assistance.

If you are interested in joining the Academic Planning Committee, please email fema-hied@fema.dhs.gov to be put on the monthly call invitation.

FEMA Higher Education Program Community Call, Friday, 2:00 – 3:00 p.m. ET

The Higher Education Community conference call is an opportunity for the Higher Education program to provide updates and for the community to share information about projects, research, course development, achievements, and challenges. The Community Call is offered via ZoomGov. Registration is not necessary.

- Dr. Carol Cwiak, North Dakota State University
- Dr. Goulda Downer, Howard University and Dr. Suzanne Rudolph Cunningham, The MayaTech Corporation

Join [ZoomGov Meeting](https://fema.zoomgov.com/j/16046780270) at <https://fema.zoomgov.com/j/16046780270>
Meeting ID: 160 4678 0270 | Password: 621901

FEMA's U.S. Fire Administration released the “[Wildland Urban Interface: A Look at Issues and Resolutions](https://www.usfa.fema.gov/stories/wui-report/index.html)” (<https://www.usfa.fema.gov/stories/wui-report/index.html>) report the week of June 12. The report is meant to raise awareness and initiate collaborative efforts to facilitate change in wake of catastrophic wildfire losses in the wildland urban interface.

NFIP 101: Introduction to Floodplain Management, Web-based Training For Floodplain Administrators

Together with the Association of State Floodplain Managers (ASFPM), FEMA's Floodplain Management Division is offering *NFIP 101: Introduction to Floodplain Management*. The course is web-based, free, and available to the general public. Students may start, stop, and return to the course as their schedule permits, and they may take it as many times as they'd like. ASFPM is hosting the course and you can find it on their Training and Knowledge page under the “On-Demand Learning” heading or link directly to [NFIP101](https://www.floods.org/training-education/online-training/asfpm-on-demand-learning/nfip101/) at <https://www.floods.org/training-education/online-training/asfpm-on-demand-learning/nfip101/>.



Two Ways To Use The Course

- To obtain a certificate of completion from FEMA's Floodplain Management Division as well as 12 continuing education credits from ASFPM, both of which are earned after completing the course and passing the final exam
- As a reference guide on fundamental floodplain management concepts. There is no need to take the course all over again, just jump to the chapter or section you need a refresher on

Information about the [NFIP 101: Introduction to Floodplain Management Course](https://www.pathlms.com/asfpm/courses/42240) can be found on the ASFPM website at <https://www.pathlms.com/asfpm/courses/42240>. For more information contact NFIP Training Coordinator [Michael Gumpert](mailto:Michael.gumpert@fema.dhs.gov) at Michael.gumpert@fema.dhs.gov.

FEMA seeks feedback for the “[National Continuous Improvement Guidance](https://newvistas.org/fema-seeks-feedback-on-national-continuous-improvement-guidance/)” (<https://newvistas.org/fema-seeks-feedback-on-national-continuous-improvement-guidance/>) **draft, including edits and suggestions for additional resources and real-world examples. The national engagement period begins on June 28 until midnight ET on July 31.** The guidance provides a consistent and rigorous framework to conduct continuous improvement initiatives before, during and after real-world incidents for the whole community, including state, local, tribal and territorial partners, nongovernmental organizations, private sector and emergency management organizations. To review the draft guidance and provide feedback, visit [FEMA Preparedness Toolkit](https://preptoolkit.fema.gov/web/cip-citap) (<https://preptoolkit.fema.gov/web/cip-citap>). To submit feedback, send an email to FEMA-CITAP@fema.dhs.gov.

FEMA will also host a series of 60-minute webinar sessions to provide an overview of the draft guidance and to gather feedback from whole community partners. At least one webinar session will be offered every week in July. To register for a webinar, visit [FEMA Preparedness Toolkit Events page](https://preptoolkit.fema.gov/web/cip-citap/events) at (<https://preptoolkit.fema.gov/web/cip-citap/events>).

- Webinar 1: Noon - 1 p.m. ET on July 6.
- Webinar 2: 10 - 11 a.m. ET on July 15.
- Webinar 3: 5 - 6 p.m. ET on July 20.
- Webinar 4 – Spanish speaking session: 11 a.m. - noon ET on July 25.
- Webinar 5: 3 - 4 p.m. ET on July 27.

Contact Us

If you have any questions, contact FEMA Office of External Affairs:

- Intergovernmental Affairs at (202) 646-3444 or at FEMA-IGA@fema.dhs.gov
- Tribal Affairs at (202) 646-3444 or at FEMA-Tribal@fema.dhs.gov
- Private Sector Engagement at (202) 646-3444 or at nbeoc@max.gov

Research Opportunities

Graduate Student Research Assistantship: Social-Ecological & Geospatial Dimensions of Aging Dams in the U.S. Inquiries and applications are welcome from those interested in pursuing a PhD in the Department of Environment and Society at Utah State University in Logan, Utah with ties to the [Utah Water Research Laboratory](https://uwrl.usu.edu/) (<https://uwrl.usu.edu/>). The successful applicant will join [Dr. Courtney Flint's team](https://qcnr.usu.edu/directory/envs/faculty/flint-courtney) (<https://qcnr.usu.edu/directory/envs/faculty/flint-courtney>) working an NSF-funded project [I-Guide](https://iguide.illinois.edu/) (<https://iguide.illinois.edu/>). The 4-year (PhD) assistantship provides a stipend, tuition, and health insurance. The anticipated start date could be August 2022 or January 2023.

How to Apply: Contact Dr. Courtney Flint at courtney.flint@usu.edu to express interest. Send a description of your background and interests relevant to this position in the initial request for information.

[Postdoctoral Fellow of Wildland Fire, Smoke, and Public Health](https://sites.google.com/umich.edu/wffi/opportunities) (<https://sites.google.com/umich.edu/wffi/opportunities>), University of Michigan, Ann Arbor, Michigan, Deadline: Open until filled

[Health Law and Policy Postdoctoral Research Fellow](https://northeastern.wd1.myworkdayjobs.com/en-US/careers/job/Boston-MA-Main-Campus/Postdoctoral-Research-Fellow_R104965) (https://northeastern.wd1.myworkdayjobs.com/en-US/careers/job/Boston-MA-Main-Campus/Postdoctoral-Research-Fellow_R104965), **Northeastern University, Boston, Massachusetts, Deadline: Open until filled**

[Emergency Management Fellowship](https://www.umaryland.edu/emergency/oem/fellowship/) (<https://www.umaryland.edu/emergency/oem/fellowship/>), The University of Maryland, Baltimore (UMB), Office of Emergency Management is offering a competitive experiential learning opportunity for a recent graduate. Through this full-time one year term program the fellow will contribute, with an increasing level of responsibility and involvement, in a range of preparedness, continuity, training, and exercise initiatives with [UMB](https://www.umaryland.edu/) (<https://www.umaryland.edu/>) and the [Maryland Department of Emergency Management](https://mdem.maryland.gov/Pages/default.aspx) (<https://mdem.maryland.gov/Pages/default.aspx>). Posting will remain open until the position is filled.

To apply: Visit [UMB Jobs](https://umb.taleo.net/careersection/umb_external_staff/jobdetail.ftl?job=220000QP&lang=en) (https://umb.taleo.net/careersection/umb_external_staff/jobdetail.ftl?job=220000QP&lang=en).

The [Natural Hazards Review](https://ascelibrary.org/journal/nhrefo) (<https://ascelibrary.org/journal/nhrefo>) is planning a special journal issue centered on the work of [Dennis S. Mileti](https://hazards.colorado.edu/dennis-mileti) (<https://hazards.colorado.edu/dennis-mileti>). The collection will include reviews and assessments of Mileti's work, as well as forward-looking examinations of technologies, practices, and policies that can improve the access and efficiency of hazards warnings and alerts.

The deadline to submit papers is **July 31, 2022**. For additional information regarding the call for papers check [ASCE Natural Hazards Review Call for Papers](https://ascelibrary.org/pb-assets/images/CUSTOM%20PAGES/FILES/NH%20Special%20Collection%20Mileti-1646663286903.pdf) at <https://ascelibrary.org/pb-assets/images/CUSTOM%20PAGES/FILES/NH%20Special%20Collection%20Mileti-1646663286903.pdf>.

The second National Science Foundation (NSF)-sponsored SUMMEER workshop, "Disaster Reconnaissance for Sustainable Post-Disaster Materials Management" will be held on the campus of Cal Poly State University in San Luis Obispo, Calif. Thurs., Sept. 15 (12 PM) – Fri., Sept. 16 (1 PM). The workshop is currently scheduled to be held in person.

[The SUMMEER \(Sustainable Material Management Extreme Events Reconnaissance\) organization](https://summeer.org/) (<https://summeer.org/>) is one of the NSF-sponsored Extreme Events Reconnaissance (EER) organizations.

A series of interdisciplinary workshops are being organized by SUMMEER to identify and discuss sustainable solutions to post-disaster debris and associated management challenges with participation of researchers and practitioners (from both public and private sectors). For the upcoming workshop, we are inviting a diverse group of participants ranging from engineering to social sciences and arts from both academic and industry communities to (i) identify tools and techniques for reconnaissance activities, (ii) identify challenges in field reconnaissance, (iii) identify and develop preliminary guidelines and standards. The workshop will include general presentations and targeted breakout sessions.

The majority of travel costs will be covered with funding available from NSF. Details of the reimbursement levels and workshop schedule will be available in the coming months. Interested persons can send an email and contact Nazli Yesiller (nyesiller@gmail.com) and copy Derek Manheim (dmanheim@calpoly.edu) by July 21, 2022 including a one-paragraph statement of interest.

Internships and Scholarships

[Summer College Intern - Communications for Security & Emergency Preparedness](#), Orange County Transportation Authority, Orange, CA.

(<https://jobsearcher.com/j/summer-college-intern-communications-for-security-emergency-preparedness-at-orange-county-transportation-authority-in-orange-ca-ZKgl24e>)

Fall 2022 – [Emergency Management Intern](#) – 90282493, AMTRAK, Chicago, IL

(<https://jobs.iaem.org/jobs/view/fall-2022-emergency-management-intern-90282493-chicago/ba5122c0-23870351181/>)

[Paraprofessional Intern, Emergency Management](#), Northeast Ohio Regional Sewer District, Cuyahoga Heights, OH.

(<https://recruiting.ultipro.com/NOR1048NORS/JobBoard/fe6446f6-8080-40d2-9b6a-dfcd6a1e8fce/OpportunityDetail?opportunityId=5f9bfd3e-47dd-4f19-9df6-f30ad38681f2&postingId=a8f520dd-6eee-435c-9f97-dc896845c0de>)

The College List

[The FEMA Higher Education College List](#) (<https://training.fema.gov/hiedu/collegelist/>), outlines programs at all levels of study in emergency management (EM), homeland security (HS) and related fields. If you have a new or updated program to include, send an email to fema-emi-collegelist@fema.dhs.gov.

New Programs:

- SUNY, Herkimer College - [Certificate in Emergency Management \(Online\)](#) (<https://www.herkimer.edu/academics/programs-and-majors/program/70/emergency-management-certificate>)
- Texas A&M Engineering Extension Service (TEEX - [International Emergency Response Training](#)) (<https://teex.org/training/international-emergency-response-training/>)
- University of Applied Research & Development - [Bachelor of Emergency Response and Risk Management](#) (<https://uard.university/bachelor-of-emergency-response-risk-management/>)
- University of Applied Research & Development - [Master's in Emergency Response and Risk Management](#) (<https://uard.university/master-of-emergency-response-risk-management/>)
- Towson University - [Master of Science in Integrated Homeland Security Management](#) (<https://www.towson.edu/cla/departments/interdisciplinary/grad/homelandsecurity/>)
- California State University, Maritime - [Graduate Certificate in Emergency Management](#) (<https://www.csum.edu/industry/certificate/emergency-management/>)

HiEd Bookshelf

- Emergency Management: The American Experience, Edited By Claire B. Rubin
- Managing Children in Disasters: Planning for Their Unique Needs, By Jane A. Bullock, George Haddow, Damon P. Coppola
- U.S. Emergency Management in the 21st Century: From Disaster to Catastrophe, Edited By Claire B. Rubin and Susan L. Cutter

Upcoming Events

National Access and Function Needs (AFN) Virtual Symposium, July 19-20, 2022, noon – 3 p.m. ET daily.

The National AFN Symposium will bring the disability community together with emergency managers, disaster planners and first responders from across the country in an online forum to foster an environment of trust and understanding vital to advancing the mission of access and functional needs throughout the nation. Captioning and ASL will be provided. Register for the [National AFN Symposium](https://www.eventbrite.com/e/national-access-and-functional-needs-symposium-tickets-362727677247) at <https://www.eventbrite.com/e/national-access-and-functional-needs-symposium-tickets-362727677247>. FEMA Acting Director Office of Disability Integration and Coordination Jason Lagria will deliver a keynote presentation.

F4R™ Introductory Training Workshop, Northern Arizona University, July 25-26, 2022. FEWSION for Community Resilience (F4R™) is a participatory process building community resilience through mapping, understanding, and discussing food, energy, and water systems and supply chains. F4R is the education and training branch of FEWSION. F4R drives community engagement and utilizes data collection, visualization, and dialogue to identify and address local needs and situational awareness. Build a baseline dataset and initiate community engagement to build community resilience. This 15-seat hour introductory training includes five hours of pre/post-training virtual activities and 10 hours of in-person training and collaboration activities. For more information and to register for the [F4R™ Introductory Training Workshop](https://fewsion.us/summer-f4r-facilitator-training-workshop/) visit <https://fewsion.us/summer-f4r-facilitator-training-workshop/>.

Save The Date: The Naval Postgraduate School Center for Homeland Defense and Security 15th Annual Homeland Defense and Security Education Summit. The summit will be held Mon. through Wed., Oct. 31 – Nov. 2, 2022, at the Monterey Conference Center in Monterey, Calif. The theme for the 15th Annual Summit is: The Growing Convergence of Homeland and National Security: Educating Future Leaders to Understand Evolving Threats. The Call for Presentations and additional information can be found at [CHDS](https://www.chds.us/uapp/event/2022-summit/) (<https://www.chds.us/uapp/event/2022-summit/>). Registration opens on July 15. Please contact the UAPP Director, [Steve Recca](mailto:sprecca@nps.edu) (sprecca@nps.edu) for questions.

2022 David McIntyre Homeland Security Educator's Award. The Center for Homeland Defense & Security is seeking nominations for the 2022 David McIntyre Homeland Security Educator's Award. This award is given annually to a member of the University & Agency Partnership Program (UAPP) who has made significant contributions to advancing homeland security research and education. Additional information regarding the award can be found in the [Call for Nominations](https://www.chds.us/uapp/resources/uploads/2022-Call-for-Nominations_McIntyre-Award.pdf) (https://www.chds.us/uapp/resources/uploads/2022-Call-for-Nominations_McIntyre-Award.pdf). Please direct questions and submit nominations to the UAPP Director, [Steve Recca](mailto:sprecca@nps.edu) (sprecca@nps.edu).

IAEM Annual Conference registration is now open – register now and pay later option available.

Registration has opened for the [70th IAEM Annual Conference & EMEX](https://www.iaem.org/usconf/) (<https://www.iaem.org/usconf/> registration) to be held in Savannah, Georgia, Nov. 11-17. Register now for:

- Early bird savings on registration fees.
- Free training from EMI, NDPC, the IAEM Leadership Symposium, and more.
- Discounted hotel rooms in the limited [IAEM's room block](https://www.iaem.org/usconf/hotel-and-travel/lodging) (<https://www.iaem.org/usconf/hotel-and-travel/lodging>).

- Unmatched dynamic and innovative [Student/New Emergency Manager Program](https://www.iaem.org/usconf/program/student-new-emergency-manager-program) (<https://www.iaem.org/usconf/program/student-new-emergency-manager-program>).

If you are waiting on budget approval you can still lock in early bird rates and claim seats in the highly sought-after training courses and optional activities. Register now and pay later by selecting “pay by check.” Later you can pay your invoice online or have a check mailed on your behalf. Learn more about the [IAEM registration payment options](https://www.iaem.org/usconf/registration/payment-options) at <https://www.iaem.org/usconf/registration/payment-options>. Direct any questions about the conference to IAEM Conference Manager [Julie Husk](mailto:julie@iaem.com) (julie@iaem.com).

Learn more about the [FEMA Higher Education Program](https://training.fema.gov/hiedu/) at <https://training.fema.gov/hiedu/>.

The resources in this newsletter 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 HiEd Program. FEMA and the HiEd Program do not endorse any non-government websites, companies or applications.

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FEMA's mission is helping people before, during, and after disasters.

Download the [FEMA App](https://www.fema.gov/mobile-app) (<https://www.fema.gov/mobile-app>) **to receive weather alerts from the NWS for up to five different locations anywhere in the U.S.**