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# Program News for the week ending March 20, 2020

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# Message from the Higher Education Program Manager

Dear Emergency Management Higher Education Academics & Friends!

It has been quite a week! We have heard from many of you that campuses have been closed with all course work delivered online. For many this is nothing new and for others this adds to the stress and uncertainty of navigating life with COVID-19. The good news is we have a lot of experience and expertise in maximizing distance learning within the emergency management and homeland security academic disciplines. The Higher Education (Hi Ed) Program is planning to provide a space for a community webinar to share successful distance learning practices as well as provide a forum for faculty who may be faced with teaching in virtual spaces for the first time. Mark your calendars for Friday, April 3 at 3 p.m. ET. If you would like to sign up to share some of your expert strategies or have a specific challenge you would like addressed, please send me an email at <a href="https://www.wendy.welsh@fema.dhs.gov">wendy.welsh@fema.dhs.gov</a>.

Like many of you, the Hi Ed Program is working to ensure we can move forward with our plans and adapt to virtual spaces. Our Scholarship of Teaching and Learning (SoTL) Focus Group has faced the virtualization of the American Education Research Association (AERA) annual meeting with creativity and adaptability. We have also been informed the <u>AERA annual meeting</u> virtual engagement registration is free. This may be a great opportunity for anyone curious to learn more about the education research community.

Our FEMA Region IX wildland urban interface (WUI) academic collaboration event scheduled for April 22 will now be hosted in a virtual space. The workshop with FEMA Region VIII to explore innovation opportunities leveraging academic partners has been postponed, yet we are keeping momentum by focusing on smaller efforts until we can convene the larger group in person. As for the 22<sup>nd</sup> Annual Emergency Management Higher Education Symposium, we are working with the Symposium Planning Special Interest Group (SIG) to explore virtual platforms to be able to convene our community and share the outstanding submissions and work underway in the discipline. We have not as of yet officially postponed. We expect to provide a decision on the symposium in our April 3 newsletter.

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Last week, I attended the Annual Meeting of the DHS Science & Technology (S&T) Coastal Resilience

see so many FEMA colleagues in attendance.

Dr. Olivia Scriven, with

FEMA's National Disaster

Center of Excellence (CRC) in North Carolina. It was an extraordinary opportunity to learn more about the Center's efforts and connect educators from that community to the Hi Ed Program. There is a great deal of synergy with the <a href="DHS S&T">DHS S&T</a> Centers of Excellence, and I expect our network to grow with many universities and colleges I met there. I was also pleased to

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Figure 1 Dr. Olivia Scriven, FEMA, discusses the importance of collaboration

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Figure 2 Ben Rance, FEMA, shares the RAPT Tool

Recovery Support (NDRS) cadre, shared important information on collaboration between academics and practitioners in recovery, and Benjamin Rance with FEMA's National Integration Center (NIC) shared the Resilience and Analysis Planning Tool (RAPT). I know several of you learned about RAPT last year at our Symposium NIC workshop. I would love to hear more about how you might be leveraging the tool in your classroom. There are many great outcomes when academic and practitioners work together!

Wishing you all a great weekend and week ahead!

# **Higher Education Program Update**

Scheduled maintenance will be performing on Tuesday, March 24, 2020 at 7 a.m. ET. Service is expected to be restored by 4 p.m. ET. This is an eight (8) hour maintenance window. During this time the Hi Ed website will not be available. Please <u>contact us</u> if you experience any issues outside of this maintenance window.

The Hi Ed Community conference call is Friday, April 17, 2020, from 2-3 p.m. 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 community needs that the Hi Ed Program can address. Contact Wendy Walsh, wendy.walsh@fema.dhs.gov, with your discussion topics.

Hi Ed Program Webinars - The Hi Ed Program regularly hosts webinars for the emergency management higher education community. If you have a pertinent topic or suggestion, contact Wendy Walsh (wendy.walsh@fema.dhs.gov).

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The Hi Ed Program will be hosting a webinar, "Strategies & Solutions for On-line Teaching." As most colleges & universities have moved courses on-line for the next few weeks to the remainder of the semester, many teachers are looking to learn more about how to maximize the virtual spaces. If you have a specific challenge or strategy that you want to share, please let us know so we can ensure you have space to do so. All registrants must use Adobe audio. Sign up here to join us!

Date: April 3, 2020 Time: 3 – 4:30 p.m. ET

Register: <a href="https://fema.connectsolutions.com/strategiesandsolutions/event/registration.html">https://fema.connectsolutions.com/strategiesandsolutions/event/registration.html</a>

**Special Interest Groups (SIGs).** The Hi Ed Program encourages the organization of SIGs to 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. <u>Click here for more information and a list of SIGs</u>. To join a SIG, send an email to <u>Barbara Johnson</u> at <u>Barbara.Johnson3@fema.dhs.gov</u>.

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. Information is on the <u>Hi Ed website</u>. The 2020 symposium theme is "Imagination, Improvisation, and Innovation in Emergency Management Education."

- Applications for the 2020 symposium will be submitted to Admissions <u>online only</u>. The application and instructions can be found on the Hi Ed's <u>symposium page</u>. Postal mail, faxed, or scanned applications will not be accepted by Hi Ed staff or the Admissions office.
  - o Symposium course code: E8510 and date: June 1-4, 2020.
  - o Please note when completing the online application, the application will time-out after 15 minutes
  - o Make sure you put in the proper country. This section defaults to the United States.
  - o Applications do not need supervisor approval. Applicants can sign off for themselves.

#### **Award Nominations:**

- Scholarship of Teaching and Learning Award: Have you published one or more studies about pedagogy or andragogy in Emergency Management and/or Homeland Security (EM/HS) higher education? Then apply for the Scholarship of Teaching and Learning (SoTL) Award presented at the 2020 Higher Education 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 EM/HS disciplines. The deadline is April 30, 2020. More information can be found on the Hi Ed website. Please consider self-nominations or nominating a colleague today.
- **Kay C. Goss Innovation & Technology Award:** Nominations are now being solicited by Arkansas Tech University (ATU). The effective candidate should demonstrate the following qualities:
  - A record of regular participation in FEMA's 22<sup>nd</sup> Annual Emergency Management Higher Education Symposium.

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- Outstanding teaching effectiveness both within and outside the classroom using emerging technologies.
- The ability to inspire, promote and develop emergency management programs, professors and students through innovative methods.
- o Professional contributions to the field of emergency management.

#### To Make A Nomination:

Send a letter addressing how the nominee meets the criteria listed above to
 <u>EAM@ATU.EDU</u>. The deadline for submissions is April 24, 2020 at 5 p.m. The award will
 be presented at the 2020 Higher Education Symposium.

#### EM/HS Doctoral Graduates

The Hi Ed Program would like to celebrate your recent PhD graduates in our 2020 Higher Education 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 Rebecca Burns rebecca.burns@associates.fema.dhs.gov.

#### • Student Research Presentation - Pre-conference Session, June 1, 2020

An opportunity for undergraduate, masters and doctoral students to present research and explain their methodology. After the presentations, students will discuss graduate programs, schools, and how they arrived at their choices. Email <a href="mailto:Barbara.Johnson3@fema.dhs.gov">Barbara.Johnson3@fema.dhs.gov</a> for a Student Research Proposal Guide.

# **College List**

The College List, located at <a href="https://training.fema.gov/hiedu/collegelist/">https://training.fema.gov/hiedu/collegelist/</a>, is a comprehensive online resource that outlines programs at all levels of study in EM, HS and related fields including public health, international disaster relief, and humanitarian assistance. Information is stored in a program database for analysis and management; Hi Ed 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 <a href="mailto:fema-emi-collegelist@fema.dhs.gov">fema-emi-collegelist@fema.dhs.gov</a>.

#### **Employment**

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

**Higher Education Vacancies:** 

- <u>Prince George's Community College</u> Faculty Full Time Criminal Justice
- Mary Baldwin University Visiting Assistant Professor of Criminal Justice
- Houston Community College Criminal Justice Adjunct Pool

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- Aims Community College Full-time Instructor, Criminal Justice
- <u>University of Maryland University College</u> Department Chair, Cybersecurity
- <u>Cape Cod Community College</u> Cyber Security Faculty Member
- <u>Lord Fairfax Community College</u> Cybersecurity Faculty Full time
- CTU Online Adjunct Instructor Homeland Security CTU Online
- <u>Savannah State University</u> Instructor Homeland Security & Emergency Management
- <u>College of Southern Maryland</u> Temporary Adjunct Faculty Applicant Pool Criminal Justice and Homeland Security
- <u>Eastern Michigan University</u> Part-Time Lecturer (Geographic Information Science)
- <u>University of North Carolina Wilmington</u> Assistant Professor GIScience

# Internship, Scholarship and Training Opportunities

#### Federal HBCU Competitiveness Framework and Implementation Guidance

The President's Board of Advisors on Historically Black Colleges and Universities (HBCU) issued the *Framework for the Development of a Federal HBCU Competitiveness Strategy* and the *Agency Guidance and Reference Brief* for implementing the Framework. The purpose of the guidance and reference brief are to inform agencies how they might strengthen compliance with requirements of Executive Order 13779 and reference this information when developing new, or reviewing existing, HBCU competitiveness plans, as well as when proposing and carrying out HBCU-related activities. Together, the Framework, guidance and reference brief also serve as a valuable North Star for non-Federal public and private actors to improve the competitiveness, capacity and contributions of HBCU in the states and locales where they are situated.

- Federal Agency Guidance Aligned with Framework v2.pdf (https://bit.ly/2IW56KH)
- 2.14.20 Federal HBCU Competitiveness Framework ODS (FINAL).pdf (https://bit.ly/3a6p4OH)

#### **National Science Foundation**

Historically Black Colleges and Universities Undergraduate Program (HBCU-UP)

(https://www.nsf.gov/pubs/2020/nsf20559/nsf20559.htm?WT.mc\_id=USNSF\_25&WT.mc\_ev=click)

Spectrum Innovation Initiative: National Center for Wireless Spectrum Research (SII-Center)

(https://www.nsf.gov/pubs/2020/nsf20557/nsf20557.htm?WT.mc\_id=USNSF\_25&WT.mc\_ev=click)

PFE: Research Initiation in Engineering Formation (PFE: RIEF)

(https://www.nsf.gov/pubs/2020/nsf20558/nsf20558.htm?WT.mc\_id=USNSF\_25&WT.mc\_ev=click)

Indigenous knowledge for climate adaptation in the water sector - Climate & Development Special Issue Indigenous scholars and scholars writing with indigenous communities are invited to contribute their experiences on climate change adaptation in relation to water-related hazards, e.g., floods, droughts, heavy precipitation, glacier melting, and in the water sector through agriculture; energy; water, sanitation and hygiene (WASH); mobility; and freshwater ecosystems in urban, peri-urban and rural areas all across the globe. Examples of both successful and failed adaptation will help draw out the enabling principles of successful adaption in the water sector. Deadline for full papers May 15, 2020. For more information. (https://bit.ly/2TYV95C)

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Two <u>funded PhD Research Scholarship Opportunities in New Zealand (NZ) at the Joint Centre for Disaster Research, Massey University/GNS Science (JCDR)</u>, as part of the Resilience in Practice theme of NZ's Resilience to Nature's Challenge (<a href="https://resiliencechallenge.nz/">https://resiliencechallenge.nz/</a>), closing date <a href="https://resiliencechallenge.nz/">April 30, 2020</a>. Due to the multi-disciplinary nature of these PhDs, applications are welcome from across a range of disciplines including psychology, social science, sociology, communications, engineering, geography and earth or environmental sciences.

- Evaluating effectiveness of uncertainty typologies for technical communications before, during, and after disasters. <a href="https://resiliencechallenge.nz/wp-content/uploads/2020/03/RNC2-PhD-uncertainty\_typology.pdf">https://resiliencechallenge.nz/wp-content/uploads/2020/03/RNC2-PhD-uncertainty\_typology.pdf</a>
- Enhancing disaster communications for collective actions. <a href="https://resiliencechallenge.nz/wp-content/uploads/2020/03/RNC2-PhD-collective">https://resiliencechallenge.nz/wp-content/uploads/2020/03/RNC2-PhD-collective</a> action.pdf

Information can also be found here: https://resiliencechallenge.nz/phd-scholarships/

#### Monitoring & Evaluation Advisor for Epidemics – Save the Children READY Project

The Advisor for Monitoring and Evaluation will serve on READY's core team and as a member of Save the Children's broader Emergency Health and Nutrition team. This position is responsible for leading coordination work around standardization of indicators in outbreak response and across relevant sectors and engagement with external networks and working groups. READY's advisor will investigate, collate and verify data across target countries, provide technical support for monitoring and surveillance tools, and oversee READY's M&E plan, including monitoring of program data and lead program evaluations. For more information and to apply:

https://recruiting.ultipro.com/SAV1002STCF/JobBoard/7d92e82b-af74-464d-859b-c5b8cba6e92e/OpportunityDetail?opportunityId=01ad739e-7111-40c3-972c-70707a00f339

Humanities Research Grants Available for Faculty and Staff at Historically Black Colleges and Universities For a detailed program description and the Notice of Funding Opportunity, please see the National Endowment for the Humanities (NEH) website at <a href="https://www.neh.gov/grants/research/awards-faculty-historically-black-colleges-and-universities">https://www.neh.gov/grants/research/awards-faculty-historically-black-colleges-and-universities</a>. NEH staff recorded a pre-application webinar about the program, available here: <a href="https://register.gotowebinar.com/recording/2779692243530116620">https://register.gotowebinar.com/recording/2779692243530116620</a>.

#### 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

Students Organize Their Own Aid Networks (https://bit.ly/3dcQrsz)
Go Home? For Some Students It's Not Easy (https://bit.ly/2xHcw1P)
Changing The Academic Paradigm (https://bit.ly/3b4lioZ)

Black Colleges Feeling Collective Pain (https://bit.ly/2x55ns4)

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#### Salt Lake Tribune

<u>Utah's big earthquake: buildings damaged, but no major injuries, as state braces for days of aftershocks</u> (https://www.sltrib.com/news/2020/03/18/earthquake-hits-utahs/)
For additional information regarding Utah's geological faults: <u>Utah Geological Survey</u> (https://geology.utah.gov/hazards/earthquakes/)

FEMA Podcast: Episode 68: FEMA Corps- The AmeriCorps Teams Supporting Disaster Recovery

### **Teaching in the Time of COVID-19**

Teaching resources made available by the Science, Knowledge, and Technology (SKT) section of the American Sociological Association (ASA) <a href="https://asaskat.com/online-teaching-resources/">https://asaskat.com/online-teaching-resources/</a>. There are crowdsourced lists of multidisciplinary readings on topics related to pandemics. You may want to contribute or to use these resources for your own courses or campus teach-ins. A sincere thank you to section member Martine Lappé for sharing these resources.

- <a href="https://docs.google.com/document/d/1dTkJmhWQ8NcxhmjeLp6ybT1\_YOPhFLx9hZ43j1S7DjE/edit">https://docs.google.com/document/d/1dTkJmhWQ8NcxhmjeLp6ybT1\_YOPhFLx9hZ43j1S7DjE/edit</a> ?fbclid=IwAR2ZUvMVCM4e6w021y-Pe9cpC6OVk0KX22ExHg4bPACGE-Iura-xCX3KQ18
- <a href="https://docs.google.com/spreadsheets/d/1URx5Hgc9dnvq-jxdjAj-kxeEM">https://docs.google.com/spreadsheets/d/1URx5Hgc9dnvq-jxdjAj-kxeEM</a> mHBhw40lRgs9nAQ 0/edit#gid=0
- <a href="https://docs.google.com/document/d/1-">https://docs.google.com/document/d/1-</a> IRVbz1nsBQJHcaCVh8QLRBiwj3cFT bXSwmTNs Hf0/edit#heading=h.fbubyngned6z

**FEMA's Individual and Community Preparedness Division, Community Emergency Response Team** (CERT) program educates volunteers about disaster preparedness for the hazards that may impact their area and trains them in basic disaster response skills, such as fire safety, light search and rescue, team organization, and disaster medical operations. CERT offers a consistent, nationwide approach to volunteer training and organization that professional responders can rely on during disaster situations, allowing them to focus on more complex tasks.

Campus CERTs operate on campus property and can be sponsored by faculty, staff or departments of campus safety or similar offices. Campus CERT programs teach students the same skills as other CERTs and can serve as an outlet for student volunteerism in both emergency and non-emergency situations by helping to staff routine campus events or supporting campus emergency drills. Campus CERT programs can expose students to careers in emergency management and count for academic credit. To learn more about one successful program <a href="click here">click here</a> (<a href="https://community.fema.gov/story/Campus-Community-Emergency-Response-Team-to-the-Rescue?lang=en\_US)

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#### Calendar

The Natural Hazards Center is issuing a <u>special call</u> (https://bit.ly/2WxoO7F) for quick response research related to coronavirus and COVID 19. Proposals to collect perishable data will be accepted until **April 1, 12 a.m. MDT.** All proposals will be evaluated simultaneously at the close of this window. Three to five research projects of up to \$3,000 will be funded. Funding notifications will be sent to all applicants no later than April 16. For <u>Quick Response Grant Program Guidelines</u> (https://bit.ly/2TYkmgk).

### Arizona State University (ASU) Center: Mindfulness, Compassion and Resilience.

Given the fluid nature of the COVID-19 situation, ASU has made the difficult decision to postpone the annual conference scheduled for March 25-26. However, the world and each of us in it remain much in need of community and connection at this time, so ASU will be unfolding virtual means of continuing practice and support. The Center will be providing virtual meditation practices from noon – 1 p.m. (AZ time) and written messages for open and free use. For more information about the meditation practices, schedule and Zoom (https://mindfulnesscenter.asu.edu/caring-connection)

#### Spread the Word – DHS is Hiring

The Department of Homeland Security's compelling mission draws candidates seeking to join a team that makes a difference in the lives of their fellow citizens. The threats and challenges facing the Department and the nation are complex and constantly evolving. Now more than ever, DHS must recruit, develop, and retain a talented and diverse workforce. DHS is seeking hundreds of qualified individuals to fill critical positions in cybersecurity, information technology, intelligence analysis, law enforcement, immigration, travel security, prevention and response, and emergency management. We will also be filling other critical positions to include business operations, mission support, and more. As part of our hiring efforts, we will host a series of webinars to provide information on the Department's mission, DHS career opportunities, special hiring authorities, effective resume writing, and how to create a profile on USAJOBS. These webinars are open to the public.

Date	Time (EST)	Audience
Tuesday, April 14	6-8 p.m.	Professionals, Students and Recent Graduates
Monday, April 27	6-8 p.m.	Professionals, Cyber and IT Students, Recent Graduates
Tuesday, May 12	2-4 p.m.	Professionals, Students and Recent Graduates
Thursday, May 28	2-4 p.m.	Students and Recent Graduates
Monday, June 15	6-8 p.m.	Professionals, Cyber and IT Students, Recent Graduates
Tuesday, June 23	9-11 a.m.	Professionals, Students and Recent Graduates
Wednesday, July 1	9-11 a.m.	Students and Recent Graduates
Thursday, July 9	2-4 p.m.	Professionals, Cyber and IT Students, Recent Graduates
Monday, July 13	6-8 p.m.	Professionals, Students and Recent Graduates

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To register for our webinars, visit <a href="https://www.dhs.gov/homeland-security-careers/hiring-event">https://www.dhs.gov/homeland-security-careers/hiring-event</a>. For more information on career opportunities at DHS, please visit <a href="https://www.dhs.gov/careers">www.dhs.gov/careers</a> or contact <a href="https://www.dhs.gov/careers">dhsrecruitment@hq.dhs.gov</a>.

#### Naval Postgraduate School Center for Homeland Defense and Security (CHDS) Program Deadlines

- Radiological Emergency Preparedness Early Career Program March 31, 2020 https://www.chds.us/c/ec-rep
- Emergence Program May 1, 2020 <a href="https://www.chds.us/emergence">https://www.chds.us/emergence</a>
- Master's Degree Program May 1, 2020 https://www.chds.us/masters
- Executive Leaders Program June 15, 2020 <a href="https://www.chds.us/elp">https://www.chds.us/elp</a>

For more information: www.chds.us

#### Call for Contributions: Book Contributions on Service-Learning for Disaster Resilience

The Service-Learning and Leadership Special Interest Group (SIG) is working on a book proposal on the use of service-learning in building more resilient communities. The proposal will be submitted in the Summer 2020 and this call for contributions is to identify faculty, students, and practitioners interested in contributing their experiences and knowledge toward the success of this book.

Service-learning is considered a "high-impact practice" (HIP) that allows students to interact with faculty, peers, community members and leaders about practical matters that will increase student exposure to diversity while providing opportunities to explore learning in various settings in and outside the classroom. These experiences allow students to explore their own personal beliefs and values that lead to a deeper awareness of how they perceive themselves in relation to others around them and through a global standpoint (Kuh, 2008). According to J. E. Brownell and L. E. Swaner (2010), common outcomes of service-learning are higher grades and levels of academic engagement, academic gains, an increase in critical thinking and writing skills, greater tolerance and reduced stereotyping, and greater commitment to a service-oriented career (Brownell & Swaner, 2010).

The purpose of this book is to showcase how to use service-learning to build community partnerships with students and faculty to develop a culture of preparedness, response, recovery and mitigation. In addition, the book will focus on ways in which service-learning can be useful to carry out research to address complex problems, to leverage resources (i.e., students, equipment, funding) and to build social capital. The book will balance practical (i.e., assessment tools, best practices, checklists) and theoretical perspectives to serve as a user-friendly guide for universities, local government agencies, emergency management professionals, faculties, community leaders and grassroots initiatives in affected communities.

The focus of contributions should be on the use of service-learning for disaster resilience including chapters focusing on establishing community-campus partnerships, developing service-learning courses (i.e., in-class, online, abroad), measuring student success, collecting data for academic research, student assessments, community impact and measurement, institutional response to disasters. Contributions outside of authoring a book chapter, providing educational tools, sample syllabi, and case studies are welcome as well.

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In addition to what we already have, we are looking for contributions addressing the following:

- Active engagement and building a culture of preparedness and service;
- Innovative processes for developing and maintaining partnerships;
- Practitioner perspectives --concerns, considerations, advice, and best practices;
- Career impacts and networking potential;
- Engaging practitioners and students in online service-learning projects;
- Service-learning abroad;
- Specific, Measurable, Achievable, Realistic, and Time-Bound (SMART) objectives, professional skills and student learning outcomes;
- Guidelines and limitations for students in the field;
- Institutional Review Board (IRB) considerations, research methods, and tools for data collection;
- Service-learning competencies and measuring student success;
- Communicating findings and practice-based projects to community partners;
- Building social capital for community resilience; and
- Service-learning in blue and gray skies.

Inquiries and proposals for related book chapters, with author name and affiliation, tentative title, and a 300 to 500-word abstract, should be submitted by Sunday, April 19, 2020, at 11:59 p.m. to <a href="https://tinyurl.com/DisasterServiceLearningBook">https://tinyurl.com/DisasterServiceLearningBook</a>.

Download the <u>FEMA App</u> (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. <u>Sign up via our free e-mail subscription service</u> (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 Hi Ed Program do not endorse any non-government websites, companies or applications.