



24th Annual

Emergency Management Higher Education Symposium

Coming Together to Chart a New Path:
Empowering the Higher Education Community to
Create Transformational Change

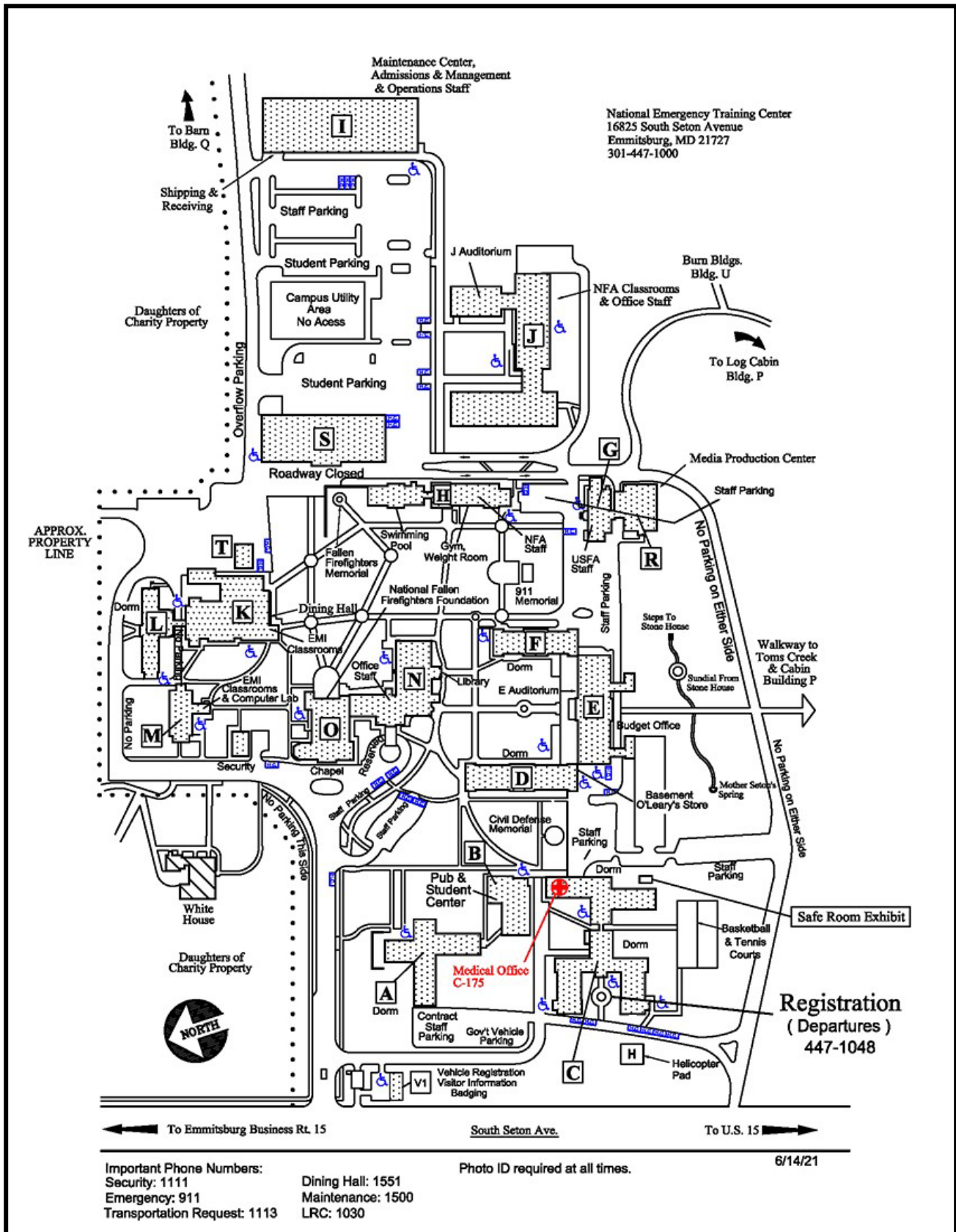
June 6 – 9, 2022



FEMA

#FEMAHiEd

Campus Map



Program Welcome

Welcome to FEMA's 24th Annual Emergency Management Higher Education (HiEd) Symposium! This event is open to members of the emergency management (EM) community, academics, and practitioners, to discuss how we can work together to advance the profession. This year's theme is "**Coming Together to Chart a New Path: Empowering the Higher Education Community to Create Transformational Change.**"

We would love for you to highlight your participation on social media using our hashtag **#FEMAHiEd**.

Many Thanks,
The HiEd Team
Kelly Fitzgerald, Barbara Johnson, Rebecca Burns

In Appreciation

Symposium Planning Academic Co-Lead

Dr. Ray Chang, Embry-Riddle Aeronautical University, Worldwide Campus

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.



Symposium Planning Group

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. The planning group includes Alison Shuler, Ashley Davis, Dr. Ceeon Smith, Dr. Claire Knox, Dale Viola Jr., Damon Coppola, Dr. David McEntire, Dr. Dawn Bishop McLin, Debbie Fletcher, Edwin Warford, Dr. Goulda Downer, Dr. Jamie Stacy, Dr. Joseph Richmond, Dr. Julian Muhammad, Kelly Ryan, Dr. Kevin Kupietz, Dr. Lucia Velotti, Dr. Nicolas LaLone, Dr. Oluponmile Olonilua, Paula Buchanan, Sally Ziolkowski, Dr. Sandy Smith, Stephen Carter, Steve Recca, and Terry Cooper.

Academic Peer Review Panel

This year, the HiEd team outsourced the call for submissions and peer review process to members of the academic community. Thank you to the lead, Dr. Nicolas LaLone, as well as all of the lead reviewers who were chosen for each track: Dr. Claire Knox (Scholarship of Teaching and Learning "SoTL"); Dr. Kevin Kupietz (Research Methodology and Integration); Dr. Joseph Richmond (Policy and Administration); Dr. Ceeon Smith (Equity, Diversity, and Inclusion); and Dr. Lucia Velotti (Posters). These leaders recruited additional reviewers as necessary to complete the double-blind peer review process. The content and time allotments for the Symposium tracks reflect their work.

Center for Homeland Defense and Security (CHDS)

Thank you to Steve Recca, Director of the University and Agency Partnership Program (UAPP), and the team at CHDS at the Naval Postgraduate School for their expertise and support, including Morgan James, evaluations lead.

NETC Librarian, Caroline Hassler and all NETC Campus Staff

A huge thank you to all of the NETC staff for their time and commitment to providing valuable resources to our community.

Student Volunteers

Thank you to all of the student volunteers who helped make the Symposium run smoothly: Amy Kitchener, Aprylee Brown, Danielle Schule, Emily Heard, Jennifer Classen, Joseph Cole, Kaitlyn Buckley, La Tanya Darton, Makyla Grant, Matthew Van, Ratul Debnath, and Trisha O'Connor.

Daily Evaluations

Please fill out [daily evaluations](#) for each session you have attended using the QR code below.



Expect to receive an email on Friday with an [overall Symposium evaluation link](#).

All feedback is greatly appreciated!



Notes

- Lunch will be held from 12–1 p.m. everyday in Building K: Cafeteria.
- HiEd Symposium Spotlight: stop by K314 and record a 10-second video of your experience at the Symposium.
- Classroom M202 will be reserved for open networking all week.
- You must bring a copy of proof of your vaccination status to get onto the NETC Campus.



2022-2026

FEMA Strategic Plan

Building the FEMA our Nation Needs and Deserves



Goal 1:
Instill Equity as a Foundation of Emergency Management

- 1.1 Cultivate a FEMA that prioritizes and harnesses a diverse workforce
- 1.2 Remove barriers to FEMA programs through a people first approach
- 1.3 Achieve equitable outcomes for those we serve



Goal 2:
Lead Whole of Community in Climate Resilience

- 2.1 Increase climate literacy among the emergency management community
- 2.2 Build a climate resilient nation
- 2.3 Empower risk-informed decision making



Goal 3:
Promote and Sustain a Ready FEMA and Prepared Nation

- 3.1 Strengthen the emergency management workforce
- 3.2 Posture FEMA to meet current and emergent threats
- 3.3 Unify coordination and delivery of federal assistance

**June 5–9,
2023**

Save the Date

Monday, June 6, 2022 Events

1. **Workshop #1: Planning and Improvisation in Emergency Response**

Dr. David Mendonca, MITRE Corporation

8:30–11:30 a.m. EST | K302

Addresses how decision makers in emergency response may prepare for, execute, and learn from the practice of improvisation: from the activity of planning and executing response actions in order to address an unplanned-for contingency subject to some deadline. This course employs case studies of actual events—as well as relevant theory—to improve understanding of improvisation and how it can be analyzed and trained as part of emergency managers' professional development.

2. **Workshop #2: What to Teach in Emergency Management: Thoughts for Those New to Teaching the Discipline**

Dr. David McEntire, Utah Valley University

1:30–4:30 p.m. EST | K302

Are you new to the disaster, EM, and HS higher education community? Do you desire additional knowledge about the fundamental concepts, issues, theories, debates, and literature for your courses? If so, this workshop is for you! It will trace the evolution of EM research and discuss important disaster topics and disaster case studies. The workshop will also identify significant schools of thought in EM, novel teaching techniques, and future projections in this increasingly important discipline and profession.

3. **Campus Tour**

Merrill Sollenberger, NETC

9:00–10:00 a.m. EST | Meet at National Fallen Firefighters Memorial Monument.

Take a guided tour of the National Emergency Training Center (NETC) campus. A former college campus, NETC is now home to the National Fire Academy (NFA), U.S. Fire Administration (USFA), and Emergency Management Institute (EMI).



4. **Meet the Authors**

Damon Coppola, George Washington University

Caroline Hassler, NETC Librarian

1:00–4:00 p.m. EST | Building N: Library

An opportunity for authors to share recently published books, white papers, research, and other course materials with the community. Participants can meet with published authors; discover new and revised textbooks; pick up copies of free resources; and enjoy an organized or self-guided tour of the NETC library.

5. **HiEd Regional Meetup (closed session)**

Kelly Fitzgerald, FEMA HiEd Program Manager

1:00–3:00 p.m. EST | K308

The goal is to strengthen FEMA Regional and HiEd Program collaboration that ultimately enhances the Agency's partnership with academia and national resilience through innovative research. The purpose of the workshop is to learn from each other and define a path forward for ongoing collaboration.

Regions 1, 2, 4, 5, 7, 8, 9, 10.

6. **CAEMHSE Annual Meeting (closed session)**

Dr. Larry Porter, Council for the Accreditation of EM & HS Education

1:00–2:30 p.m. | K318

The Higher Education Program

FEMA's Higher Education (HiEd) Program, managed by the National Training and Education Division (NTED), leverages partnerships across FEMA, DHS, and the academic community to advance emergency management and related fields. The HiEd Program fosters a culture of continuous learning and innovation by supporting emergency management faculty, students, and practitioners.

Quick Links

Research:

This can be found on the HiEd website on the left-hand side under the HiEd Research tab. The HiEd Program funds research that examines real-world complex problems and provides actionable recommendations to advance the discipline of emergency management.

Special Interest Groups (SIGs):

training.fema.gov/hiedu/specialinterest/sig.aspx

SIGs support the exchange of knowledge in specific areas and applications of emergency management higher education. The FEMA HiEd Program does not endorse or manage these groups, but encourages their formation around common areas of interest. Anyone interested in joining a SIG should reach out to the associated SIG lead(s) on the website.



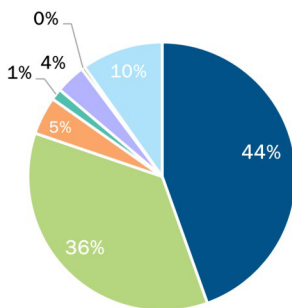
College List:

training.fema.gov/hiedu/collegelist/

The College List identifies higher education programs at all levels of study in emergency management, homeland security, and related fields.



College List Programs by Discipline



- Emergency Management (322)
- Public Health, Medical, & Related (33)
- Other Countries (26)
- Related (71)
- Homeland Security (258)
- Intl. Disaster Relief & Humanitarian Assist. (10)
- Executive Education (3)

If you are interested in adding your program, email:
fema-emi-collegelist@fema.dhs.gov.

28

years of service since 1994

270

More than
accredited Higher Ed institutions

500

More than
EM and HS college list programs



Contact the HiEd Team

fema-hied@fema.dhs.gov
training.fema.gov/hiedu/



FEMA Speakers



Charlotte Porter, MPH

Director, National Training and Education Division

Charlotte Porter currently serves as the Director of FEMA's National Training and Education Division (NTED)—home of the HiEd Program. She has served in various roles across FEMA including NPD's Senior Liaison for Regional Engagement and Field Operations, the Deputy Director of the Individual and Community Preparedness Division, and the Director of the Office of the National Advisory Council. Ms. Porter has been deployed numerous times, most recently as the Director of FEMA's Hub of Philanthropic Engagement in Puerto Rico following Hurricane Maria. She holds a B.A. in Sociology from Clark University and an M.P.H. in International Health from Loma Linda University.



Dr. Jeffrey Stern

Superintendent, Emergency Management Institute, FEMA RSL

Dr. Jeff Stern is the Superintendent of the Emergency Management Institute (EMI) in Emmitsburg, Maryland. He previously led the Virginia Department of Emergency Management, where he was responsible for disaster and homeland security preparedness, mitigation, response, and recovery efforts across the Commonwealth.

[His full bio is available at: fema.gov/profile/jeffrey-d-stern-phd.](https://fema.gov/profile/jeffrey-d-stern-phd)



Kelly Fitzgerald

Higher Education Program Manager

Kelly Fitzgerald is a dedicated public servant with more than 10 years of experience in education and training. She is passionate about creating knowledge-sharing ecosystems that strengthen community resilience. In her current role as the HiEd Program Manager at FEMA, she works to bridge emergency management research and practice through engagement with faculty, students, and practitioners. Previously, she was a Training Specialist at FEMA's Emergency Management Institute (EMI), where she applied her adult learning expertise to training development. Before coming to FEMA, she was a Peace Corps Volunteer in China, where she taught English Education at Hexi University.



Lisa Lofton

Senior Advisor, National Training and Education Division, National Preparedness Directorate

Lisa Lofton provides leadership to teams working on the Training Partners Program (TPP) and the HiEd Program. Previously, she served as the National Preparedness Directorate (NPD) Senior Analyst, where she led strategic planning and special projects. She has more than 30 years of experience with FEMA and DHS to her position, including assignments in Federal response and national preparedness. She holds a Bachelor's degree from Haverford College and certificates from the George Washington University Graduate School of Education and Human Development and the Executive Leaders Program at the Center for Homeland Defense and Security.



Marcus Coleman

Director, DHS Center for Faith-Based and Neighborhood Partnerships

Marcus Coleman currently serves as the Director of the DHS Center for Faith-Based and Neighborhood Partnerships (DHS Partnerships Center), one of several centers of the [White House Office of Faith-Based & Neighborhood Partnerships](https://www.whitehouse.gov/briefing-room/presidential-actions/2021/02/14/executive-order-on-the-establishment-of-the-white-house-office-of-faith-based-and-neighborhood-partnerships) (<https://www.whitehouse.gov/briefing-room/presidential-actions/2021/02/14/executive-order-on-the-establishment-of-the-white-house-office-of-faith-based-and-neighborhood-partnerships>). [His full bio is available at: fema.gov/blog/meet-marcus-coleman-new-director-dhs-center-faith-based-and-neighborhood-partnerships.](https://fema.gov/blog/meet-marcus-coleman-new-director-dhs-center-faith-based-and-neighborhood-partnerships)

FEMA Speakers (cont.)



Traci Silas

Executive Director, DHS Office of Academic Engagement

Traci Silas currently serves as the Executive Director of the Department of Homeland Security's Office of Academic Engagement, Office of Partnership and Engagement. There, she leads engagements among the higher education community, including 2-year, 4-year, trade, military, technical, agricultural, tribal, faith, and similarly situated academic institutions. [Her full bio is available at: dhs.gov/academicoverview.](https://dhs.gov/academicoverview)



Victoria Salinas

Acting Deputy Administrator, FEMA RSL

Victoria Salinas currently serves as the FEMA Associate Administrator and Acting Deputy Administrator for Resilience. In this role, she leads an organization of more than 1,400 employees and partners with communities across the U.S. to build resilience before, during, and after disasters. [Her full bio is available at: fema.gov/profile/victoria-salinas.](https://fema.gov/profile/victoria-salinas)

Plenary Speakers



Carolyn Harshman, MPA, CEM

USA Council President, International Association of Emergency Managers (IAEM)

Ms. Harshman, a Certified Emergency Manager with more than 30 years of experience in the field, is the president of Emergency Planning Consultants (EPC) based in San Diego, California. Plans, training, and exercise services are provided to a range of government entities. EPC specializes in hazard mitigation planning. Like many others, Ms. Harshman entered the field of emergency management as a second career. Her first career was a professional land use planner for the City of San Diego and County of San Diego with a range of duties. Thanks to a random temporary assignment with the County of San Diego to update its Emergency Operations Plan, Ms. Harshman found a new career in emergency management.



Dr. DeeDee Bennett Gayle

Associate Professor, University at Albany, State University of New York

Dr. Bennett Gayle's research interests include emergency management, socially vulnerable populations during disasters, emergency communications, disaster policy, and mobile wireless communications. She broadly examines the influence and integration of advanced technologies on the practice of emergency management, and for use by vulnerable populations. She has secured several research grants from the National Science Foundation and DHS. She received her Ph.D. from Oklahoma State University in Fire and Emergency Management and received both her M.S. in Public Policy and B.S. in Electrical Engineering from the Georgia Institute of Technology.



Diana Culp

Program Manager, Mid-Atlantic Center for Emergency Management & Public Safety

Diana Culp joined the Mid-Atlantic Center for Emergency Management & Public Safety at Frederick Community College after a career in local government as a department manager and public information officer, including representing her agency when called upon in the county EOC. Ms. Culp's experience in code enforcement and investigations with Montgomery County Police introduced her to the value of incident command and management. With more than 15 years of teaching experience in public policy and interpersonal violence, face-to-face and online, she now supports a team of adjuncts with subject matter expertise in planning, response, and recovery.

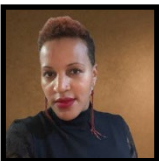
Plenary Speakers (cont.)



Emily Pelliccia

Deputy Chief of Emergency Preparedness, Charlottesville, VA

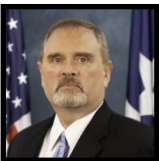
Emily Pelliccia is the Deputy Chief of Emergency Preparedness for the City of Charlottesville. Her primary responsibility is the design and development of the City's first emergency management program to prepare the local government organization. During her 28 years of public safety service, she has gained practical experience in crisis management, having served in various operational roles. Emily holds a Bachelor's in Emergency Management, is a graduate of the Virginia Tech Local Government Management program, and is currently completing her Master's thesis at the Naval Postgraduate program. Emily is very active in her community, serving for the last 12 years on the Board of Directors for the Central Virginia Chapter of the American Red Cross as well as other local organizations.



Dr. JaNay Queen Nazaire

Senior Advisor, PSG

Dr. Queen Nazaire is building a world where every person has the right to a healthy, abundant, and connected life. A facilitator, advisor, investor, and researcher, she is actively working to dismantle oppressive systems and restructure power and resources to enable an authentic multiracial democracy for future generations. As a Senior Advisor for PSG, a growth equity firm, she leads racial equity initiatives across a portfolio of more than 80 companies and 15,000 employees, leverages networks to expand access to diverse talent, and creates connections for investable opportunities. Working across sectors, Dr. Queen Nazaire also serves as a PolicyLink Senior Fellow to move 100 million Americans out of poverty and recreate just, fair, and equitable systems that ensure a healthy, strong, and prosperous society.



Dr. MacGregor Stephenson

Chief of Policy and Research, [Texas Division of Emergency Management \(TDEM\)](https://www.tdem.texas.gov)

(<https://www.tdem.texas.gov>)

Dr. Stephenson is working to improve the implementation of academic research related to emergency management into the practice of emergency management. Ensuring that academic research could improve emergency management operations is available in a practical and applicable fashion to emergency managers is critical in the continuously changing realm of emergency management. Prior to working at TDEM, MacGregor has served as Deputy Chief of Staff to the Governor of Texas, Assistant Commissioner for Academic Affairs at the Texas Higher Education Coordinating Board, Associate Vice Chancellor of Academic Affairs for the Texas A&M University System, and as a chief of staff in the Texas House of Representatives. He holds a law degree from the University of Denver, and a Ph.D. in Higher Education Administration from Texas A&M University. MacGregor also serves as the publisher for the [Domestic Preparedness Journal](https://www.domesticpreparedness.com) (<https://www.domesticpreparedness.com>).

Academic Community Poster Contest

Posters will be displayed all week on the third floor of Building K outside of K318 and K315.

Faculty and student research posters will: 1) address a current emergency management issue, 2) be well organized, and 3) promote synergy between the academic and practitioner communities.



An Advanced and Novice **People's Choice Award** will be awarded at the end of the Symposium to the posters that receive the most votes from attendees. Don't forget to vote by 6 p.m. on June 8!



Poster Contestants

Advanced

1. **Disasters as Processes: Trust, Information Seeking, and Protective Action Decision Making**
Jenniffer Santos-Hernández, Ashley Méndez Heavilin, Alejandra Figueroa Huertas, Lorna Jaramillo Nieves, Nnenia Campbell, Sara McBride
2. **Darker or Brighter: Governing Institutions and Post-Disaster Recovery Paths in Florida and Puerto Rico After Hurricane Michael and Maria**
Dr. Sara Belligoni
3. **Visualizing Supply Chain Data to Bolster Resilience for Puerto Rican Food, Energy, and Water Infrastructure**
Daniela Markazi, Luis Rodríguez, Richard Rushforth, Sean Ryan, Michael Stablein
4. **Rapid Response in Graduate Training in Public Health Preparedness to the COVID-19 Pandemic: The Experience of Penn State University**
Savanna Ledford, Dr. Jennifer Osetek, Dr. Chulapol Thanomsing, Dr. William Calo, Hilary Astle, Joan Concilio, Eugene Lengerich
5. **A Tale of Two Volcanoes: Planning Considerations for Ashfall Recovery**
Dr. Lily Bui, Dr. Karl Kim, Amy Kitchener
6. **Ethics in Action: Code of Ethics and Professional Conduct for Emergency Management Professionals**
Dr. Andrea Adams, Dr. Carol Cwiak, Jude Colle, Dr. Shirley Feldmann-Jensen, Dr. Sandy Smith
7. **Creating a Statewide COVID-19 Hospital Capacity Prediction Model, a Public/Private Partnership**
Eric Best, Federica Bianco, Tze Chiam, Gregory Dobler, Mia Papas, A.J. Schall

8. **The Effects of COVID-19 on Mobility in Hawaii**
Ratul Debnath
9. **Agent-based Simulation of Spontaneous Volunteer Convergence to Improve Disaster Planning**
Kyle Paret, Sebastian Rodriguez, Maria Mayorga, Lucia Velotti, Emmett Lodree
10. **Developing A Framework for the Post-Pandemic Academic Recovery**
Dr. Dara Byrne

Novice

11. **The Optimization of the ICS Safety Officer Role Using Safety Management Systems**
Dr. Cory Worden
12. **HBCU's Relationship with Disaster**
Dr. Kevin Kupietz
13. **Recruitment by Extremist Groups on College Campuses**
Dr. Kevin Kupietz
14. **Improving Reunification Processes During Disasters**
Jennifer Kouragian, Maya Pandurangan, Wendy Rodriguez
15. **But Did We Learn Something?**
Zuzzette Bricker

Tuesday, June 7, 2022

Auditorium Plenaries

8:00–9:00 AM	Symposium Registration Building E, 2 nd Floor Lobby
9:00–9:20 AM	Facility Welcome Chief Tonya Hoover, Deputy Administrator, FEMA USFA
9:20–9:35 AM	Presentation of Colors and Pledge of Allegiance MD State Police
9:35–9:45 AM	Program Welcome Kelly Fitzgerald, FEMA HiEd PM
9:45–10:05 AM	Opening Remarks Victoria Salinas, Acting Deputy Administrator, FEMA RSL
10:05–10:20 AM	Break
10:20–10:50 AM	Bringing Academic Research into the Practice of Emergency Management Dr. MacGregor Stephenson, Chief of Policy and Research, TDEM
10:50–11:50 AM	Owning Your Power for Transformational Change Keynote Speaker: Dr. JaNay Queen Nazaire, Senior Advisor, PSG
11:50–12:00 PM	Wrap-Up Kelly Fitzgerald, FEMA HiEd PM
12:00–1:00 PM	Lunch: Building K: Cafeteria
5:00–7:00 PM	Share Fair Building B: Command Post Pub

Track Key

Scholarship of Teaching and Learning (SoTL) [Light Green]	Research Methodology and Integration [Orange]
Policy and Administration [Dark Green]	Equity, Diversity, and Inclusion [Purple]

Tuesday Breakouts, 1:00–2:00 p.m.

1. **Funding Emergency Disaster Management at Historically Black Colleges and Universities: Are HBCUs Leaving Money on the Table? (Policy) – K302**

Universities are great to teach others how to deal with complex issues but often do not fully take advantage of the resources around them to solve problems affecting them. Online survey results showed limited awareness among HBCU university leadership about various funding sources to address the recent COVID-19 pandemic and examples of “money left on the table.”

Dr. Kevin Kupietz, Elizabeth City State University

Dr. Robin Kelley, HBCU Emergency Management Workforce Consortium

Ashley Davis, Florida A&M University

Moderator: Self-moderated

Student Volunteer: Ratul Debnath, University of Hawaii

2. **A. Learning as a Cultural Process: Avenues for Culturally Responsive and Sustaining Teaching and Learning (SoTL) – K308**

Discusses four different models for equity and learning: multicultural education, social justice education, culturally responsive teaching, and culturally sustaining teaching. This session explores how these approaches align across cognitivist and socio-cultural approaches to learning and various metaphors for learning such as the banking model identified by Freire. Examples and practical strategies are proposed in relation to these pedagogical/andragogical approaches.

Jennifer Classen, Pennsylvania State University

Moderator: Rebekah Doyle, Northeastern State University

B. Empowering Women in the Field of Disaster Management (Equity) – K308

Aims to identify the gender and diversity gaps in EM. The goal is to identify and discuss best practices that minimize and reduce such gaps. Utilizing 6-year data, we can demonstrate ongoing trends and behaviors that either improve or hinder women’s training in the field—the methodology used to track the results in a mixed qualitative and quantitative retention approach. The data will showcase successful practices that improve the gaps found in the overall industry. Practitioners can utilize the data to enhance their research and recruitment of women within the field.

Dulce Suarez, Academy for International Disaster Preparedness

Moderator: Self-moderated

3. **A. Leveraging Institutions of Higher Education for Whole Community Disaster Recovery: A FEMA Region 1 COVID-19 Case Study (Policy) – K318**

A case study derived by the experience of the Global Resilience Institute at Northeastern University (GRI) directly supporting FEMA Region 1 COVID-19 disaster recovery support efforts in the New England region from April 2020 to March 2022. This case study features several key findings and results that can be take-aways for improving the success of post-disaster recovery efforts nationwide. Includes discussion of concurrently organizing disaster recovery with disaster response, the direct role for public and private universities as anchor institutions to support disaster recovery, and the mobilization of students to address equity in recovery among other results.

Dr. Stephen Flynn, Global Resilience Institute, Northeastern University

Moderator: Self-moderated

Student Volunteer: Joseph Cole, Elizabeth City State University

B. Campus CERT (Policy) – K318

Discusses the benefits campus CERT programs can present to institutes of higher education, students, and their surrounding communities. The overview will include an outline of best practices for starting and maintaining a CERT program, and a general overview of the CERT program as a whole.

Andy Burrows, FEMA Individual & Community Preparedness Division (ICPD)

Joseph Cole, Makyla Grant, & Aprylee Brown, Elizabeth City State University

Moderator: Ratna Okhai, University of Central Florida

Tuesday Breakouts, 1:00–2:00 (cont.)

4. **Race, Culture, and Economic Disparity in Emergency Management: Notes from the Gullah Geechee Nation (Equity) – J264**
Notes from the Gullah/Geechee Nation.

Meldon Hollis, Thurgood Marshall College Fund

Moderator: Patrick Cowhey, FEMA NTED

5. **Library Event: Authors' Session (Panel Discussion) – J268**

Follow up to pre-Symposium library event for more in depth discussions with the authors.

Dr. Cory Worden, Houston Health Department

Dr. David McEntire, Utah Valley University

Moderator: Self-moderated

6. A. **Resilience Analysis and Planning Tool: An Equitable and Inclusive Data Source for Understanding Community Resilience (Equity) – S121/122**

The Resilience Analysis and Planning Tool (RAPT) is a GIS analyst in your pocket and is useful in preparedness, mitigation, response, or recovery operations for any level of government, non-profit organizations, and for-profit companies. Using RAPT will promote dialogue and support activities that will improve the development of curriculum and education in the EM field. The presentation will consist of PowerPoint slides, a live demo of the tool, and an invitation for participants to interactively engage with RAPT during the session.

Benjamin Rance, FEMA National Integration Center (NIC), National Preparedness Directorate

Moderator: Self-moderated

- B. **What IT Can EM Currently Use? Potential Approaches to Teaching EM Students IT (Research) – S121/122**

Discusses the technology crisis in EM, its causes, and its consequences. Through the results of a survey, we will walk through what technologies EM currently can use, could use, and has heard of. In addition, we will discuss why EM needs to embrace technology as well as what aspects of current IT could be leveraged to promote better integration.

Dr. Nicolas LaLone, University of Nebraska Omaha

Moderator: Self-moderated

7. **FEMA and Academic Partners in Action: Regional Collaborations (Panel Discussion) – S125**

Partnering with institutions of higher education across the U.S. has become increasingly important for FEMA, and Regions are taking an increasingly active role in ensuring that all stakeholders in higher education are supported. Join representatives from Arkansas Tech University, Monmouth University, Region 5, and Region 8 as they discuss current successes in collaboration between Regions and institutions of higher education, and where these exciting relationships could go in the near future.

Dr. John Comiskey, FEMA Region 2, Monmouth University

Danielle Cortes DeVito, FEMA Region 5

Dr. Sandy Smith, RN, FEMA Region 6, Arkansas Tech University

Daniel Green, FEMA Region 8

Moderator: Kelly Fitzgerald, FEMA HiEd Program Manager

Student Volunteer: Emily Heard, DC Homeland Security and Emergency Management Agency

Tuesday Breakouts, 2:30–4:30 p.m.

1. **Post-Disaster Legal Issues (Policy) – K302**

An analysis of post disaster issues.

Latisha Nixon-Jones, Mercer University Law School

Moderator: Self-moderated

2. **A. Adapt or Die: How to Survive Budget Cuts, Restructuring, and Low Enrollment (Policy) – K308**

Higher Education has been under scrutiny for several years. COVID-19 has exacerbated these issues, which has resulted in many institutions undergoing budget cuts and/or restructuring. As a relatively new academic discipline, EM may be especially vulnerable, and as such, we must work together to ensure survival during these tumultuous times.

Dr. Jamie Stacy & Dr. Sandy Smith, RN, Arkansas Tech University

Dr. Shirley Feldmann-Jensen, California State University Long Beach

Dr. Stacy Willett, University of Akron

Dr. Carol Cwiak, North Dakota State University

Moderator: Self-moderated

B. Social Determinants of Risk in an Era of Changing Climate and Emerging Infectious Diseases (Equity) – K308

A well-recognized connection lies between social and economic forces, disaster vulnerability, and disaster mortality rates and costs. This interactive session will expand this foundation to discuss critical, often overlooked (even ignored) ways the changing climate and emerging pathogens are intimately tied to the social determinants of risk for vulnerable populations.

Dr. Shirley Feldmann-Jensen, California State University Long Beach

Dr. Laura Phipps, University of Texas at Arlington

Dr. Terrence O'Sullivan, University of New Hampshire

Moderator: Self-moderated

3. **A. HazardAware: Democratizing Hazard, Risk, and Mitigation Information to Build More Resilient Homes (Research) – K318**

Describes the development and outcomes of “HazardAware,” a website designed to provide interactive tools for individuals and community decision-makers in U.S. Gulf states to learn about housing-related natural hazard risks and mitigation options.

Dr. Melanie Gall, Arizona State University

Moderator: Self-moderated

Student Volunteer: Matthew Van, University of Delaware

B. Post-Disaster Housing Recovery in the U.S.: The Development of a National Curriculum (Research) – K318

Addresses challenges and solutions for post-disaster housing recovery in the U.S. Planning tools, online GIS resources, and pedagogical best practices developed by the National Center for Disaster Preparedness, of the Climate School, Columbia University, geared for in-person, web-based asynchronous, and live virtual trainings.

Dr. Thomas Chandler, National Center for Disaster Preparedness, Columbia University

Moderator: Self-moderated

Student Volunteer: Matthew Van, University of Delaware

4. **MSI/HBCU Stakeholders Meet and Greet (Panel Discussion) – J264**

An informal session to meet others from minority serving institutions (MSIs). The session will provide insights on how we can collaborate and network to improve existing programs and encourage new ones. Participants from MSIs will share their experiences, success stories, challenges, and engage in questions from audience members. This session is open to anyone interested in learning more about MSIs and what we are doing at the HBCU Consortium.

Dr. Goulda Downer, FAND, RD, LN, CNS, Howard University, HBCU Emergency Management Workforce Consortium

Dr. Olonilua Oluponmile, CFM, Texas Southern University

Dr. Ceeon Smith, Grambling State University

Moderator: Antonio Chester, FEMA NTED

Tuesday Breakouts, 2:30–4:30 (cont.)

5. **Equipping Readers for the Online Age: Strategies for Actively Reading Digital Texts (SoTL) – J268**

Provide higher education EM and public safety instructors with new skills, technology tools, and knowledge to improve students' abilities to make meaning from abstract, technical, and hierarchically organized non-fiction texts. Attendees are encouraged to bring laptops to practice to plan authentic instructional activities that improve students' success in engaging with and processing informational texts.

Joseph Rafter & Genie Massey, Mid-Atlantic Center for Emergency Management & Public Safety

Moderator: Self-moderated

6. **A. Emergency Management + Critical Infrastructure Protection + Resilience: Breaking Down Silos and Advancing Social Equity (Equity) – S121/122**

Explores the alignment of EM, critical infrastructure, resilience, and social equity frameworks to chart a more cohesive approach to how we are preparing for, responding to, and recovering from disasters. Using network analysis, it provides a potential roadmap for aligning our efforts to increase our effectiveness and impact.

Dr. Atyia Martin, All Aces, Inc.

Moderator: Self-moderated

Student Volunteer: Kaitlyn Buckley, National University

B. How Community Organizations Cultivate Social Capital and Disaster Resilience in Refugee Communities (Equity) – S121/122

Examines community organizations' perspectives and practices regarding preparing refugees for disasters. This study conducted in-depth interviews from refugee-serving organizations and offers insight into the organizational implications for community-based disaster preparedness and response with culturally and linguistically diverse groups.

Dr. Ming Xie, West Texas A&M University

Moderator: Self-moderated

Student Volunteer: Kaitlyn Buckley, National University

7. **A. Responding to Complex Disasters in Texas: A Case Study of Extreme Weather, Infrastructure Failure, and Resource Scarcity (Policy) – S125**

Discusses the February 2021 Texas Winter storms along with the associated power outage and other cascading effects on infrastructure, transportation, sheltering operations, fuel availability, resource distribution, etc. Recommendations for mitigation and preparedness are identified and discussed for the future of EM.

Dr. David McEntire, Utah Valley University

Moderator: Stephen Carter, Mid-Atlantic Center for Emergency Management & Public Safety Programs

B. The Texas Winter Storm Uri 2021 in the Rio Grande Valley: Looking Through the Lens of Equity, Diversity, and Inclusion (Equity) – S125

Winter Storm Uri was recorded as an extreme event that caused anomalously low temperatures across the U.S., including in the Rio Grande Valley. Two months after the event, this study collected a survey from 100 households to understand their experience of preparedness for, impacts from, and response to the extreme event.

Dean Kyne, University of Texas Rio Grande Valley

Moderator: Katja Abegg, University of Maryland, Baltimore County

Share Fair

Join us in Building B: the Command Post Pub on
Tuesday, June 7 from 5–7 p.m.

The Share Fair is a great opportunity to share programs, projects, activities, and events from your college, university, agency, or organization. The purpose is to share effective practices and/or resources valuable to emergency management education. Some examples might include internship programs, job placement, campus resilience, academic-practitioner collaboration, education for adjunct faculty, student recruitment, graduate tracking or service learning projects, and successful practices in curricula design, development, and delivery.

Please note: This is not a forum for resource materials such as books, publications, or other media for instruction.

Share Fair Participants

1. Council for the Accreditation of Emergency Management and Homeland Security Education (CAEMHSE)
2. DC Homeland Security and Emergency Management Agency
3. FEMA Emergency Management Institute (EMI)
4. Emergency Management Professional Program (EMPP)
5. Training Partners Program (TPP)
6. Historically Black Colleges and Universities (HBCU) Consortium
7. Northern Arizona University

Academic Community Awards

**2022 Scholarship
of Teaching and
Learning Award**
Presented By:
Dr. Claire Knox,
University of Central
Florida



**Dr. B. Wayne
Blanchard Award for
Academic Excellence
in Emergency Management
Higher Education**
Presented By:
Dr. Carol Cwiak,
North Dakota State
University



**Kay C. Goss
Innovation and
Technology Award**
Presented By:
Dr. Sandy Smith,
Arkansas Tech
University

Wednesday, June 8, 2022

Auditorium Plenaries

8:00–9:00 AM	Symposium Registration Building E, 2 nd Floor Lobby
9:00–9:20 AM	Why a National Emergency Management College? Dr. Jeffrey Stern, Superintendent, Emergency Management Institute
9:20–9:30 AM	Academic Community Awards Dr. Claire Knox (SoTL Award), Dr. Carol Cwiak (B. Wayne Blanchard Award), and Dr. Sandy Smith (Kay Goss Award)
9:30–10:15 AM	Reflections on Emergency Management: Past, Present, and Future Guest Speaker: Carolyn Harshman, IAEM President
10:15–10:30 AM	Break
10:30–11:15 AM	State of the Community Dr. DeeDee Bennett Gayle, University at Albany, SUNY
11:15–11:45 AM	What 2 Years Can Do Diana Culp, MACEM&PS
11:45–12:00 PM	Wrap-Up Kelly Fitzgerald, FEMA HiEd PM
12:00–1:00 PM	Lunch: Building K: Cafeteria
5:00–7:00 PM	EMPP Alumni Networking Building B: Command Post Pub

Track Key

Scholarship of Teaching and Learning (SoTL) [Light Green]	Research Methodology and Integration [Orange]
Policy and Administration [Dark Green]	Equity, Diversity, and Inclusion [Purple]

Wednesday Breakouts, 1:00–2:00 p.m.

1. **Survey and Assessment of Emergency Management (HiEd Research Project) – K302**

Discusses an ongoing research project being conducted with the assistance of local and state governments in FEMA Region 8. It identifies the purpose of the study, the methods being employed, and current status of the project. Initial findings about current threats, major barriers, and recommended solutions are provided.

Dr. David McEntire, Utah Valley University

Moderator: Sarah Nix, FEMA NTED

Student Volunteer: Aprylee Brown, Elizabeth City State University

2. **Use, Privacy, and Perceptions of COVID-19 Digital Interventions in NYS (Equity) – K308**

The study explores the use of COVID-19-related mobile applications for contact tracing and proof of vaccination for those deployed in New York State (NYS). The project seeks to understand potential differences in perception, adoption, or privacy concerns among racial and ethnic populations, as well as across age groups. Using the Antecedent-Privacy Concerns-Outcomes (APCO) framework and the perceived usefulness construct, this study explores factors influencing the individual level adoption of COVID-19-related mobile apps.

Dr. DeeDee Bennett Gayle, University at Albany, State University of New York

Moderator: Kelly Ryan, FEMA Center for Domestic Preparedness (CDP)

Student Volunteer: Emily Heard, DC Homeland Security and Emergency Management Agency

3. **Unpacking the 2021 U.S. National Intelligence Estimate on Climate Change: Implications for Emergency Management (Policy) – K318**

Unpacks the National Intelligence Estimate (NIE) focusing on possible climate change scenarios and their implications for the community. It begins with an analysis of the NIE and continues with a scenario-based premortem depiction of worst-case climate change outcomes.

Dr. John Comiskey, Monmouth University

Moderator: Jay Van Der Werff, FEMA Region 7

4. **Creating Engaging Online Courses: Strategies for Emergency Management Faculty (SoTL) – J264**

Creating engaging online courses within EM higher education programs is vital to ensure student success, and for programs to remain relevant in the evolving online environment. Using different strategies to bolster student engagement and create meaningful interactions can heighten a student's learning process. This presentation will cover various strategies that faculty, or any educator, can use in the online classroom to increase engagement.

Dr. Amy Hyman, Arkansas State University

Moderator: Self-moderated

5. **Library Event: Authors' Session (Panel Discussion) – J268**

Follow up to pre-Symposium library event for more in depth discussions with the authors.

Dr. Claire Knox, University of Central Florida

Claire Rubin, Claire B. Rubin & Associates

Moderator: Self-moderated

Student Volunteer: Jennifer Classen, Pennsylvania State University

Wednesday Breakouts, 1:00–2:00 (cont.)

6. **Kauai’s Pandemic Response and Recovery: Addressing the Wicked Problem of Houselessness in a Sustainable Manner (HiEd Research Project) – S121/122**

Addresses a study about Kauai’s decision to open five shelter parks for the houseless during the pandemic as a response strategy. This strategy, while effective in keeping the houseless community safe from COVID-19 outbreaks, had a number of challenges, unintended consequences, and illuminated the need for more comprehensive solutions. The study findings presented in this session are conceptualized within the structural challenges of wicked problems and key recommendations for FEMA are offered.

Dr. Carol Cwiak, North Dakota State University
Moderator: Sean Ryan, Northern Arizona University
Student Volunteer: La Tanya Darton, San Jose State University

7. **Professionalization: The Proof is in the Study (Research) – S125**

The occupation of EM has followed the historical progression into professionalization. A replication of Wilensky’s 1964 study was completed to determine if the occupation of EM is in fact, its own profession, or a subset of some other profession. This brief analysis will provide the results of a study of EM’s pursuit of professionalization (in terms of authority and status). The session will be very interactive as it is the hope, we as a community, add to the evidence that supports the five social histories already outlined in the study.

Dr. William Spencer, CEM, MEP, District of Columbia’s Homeland Security and Emergency Management Agency
Moderator: Self-moderated
Student Volunteer: Amy Kitchener, University of Hawaii

Word Search

Change	I I P I H S R A L O H C S T I V I G N T
Community	A E Y I Y T D I S A S T E R Q C I T Y C
Disaster	E Y O S R E E U A R D I R C E D E E R L
Diversity	S R E S E A R C H S Y E V H N I Q N N C
Education	A R D A E E E H D T M Y L R V Y E N I
Emergency	A N E U I E A H R D C L U I M E T U G D
Equity	Y N G E R S A S Y E U T D C A R D C A E
Policy	P U P E T O H R S C E A U G Y S Y S C M
Research	N P R E Q E I C A I C Y O I N I R A I H
Scholarship	D O I L C E R R C C R P A E H T E O I I
	O L C C H N U U O O O T C E S Y S I N S
	D I T S A R T S E M E R G E N C Y E R D
	R C I R N O E Y U M H S E R G C I Y R I
	E Y M R G G T H I U S D M E Y S D S I S
	C D C S E R A V R N R S D M D R I S T U
	Y I R S D H U Y T I R C A U T T C E Y Y
	P E R E E D U C A T I O N A E I C P Y R
	C Q D C A M R N T Y T I U Q E H C C S Y
	C H S G Y O U E O R U Y R U D R O T O E
	E M M I H H H O E Y C T N H I O I S I I

Wednesday Breakouts, 2:30–4:30 p.m.

1. **How is International EM Different? And What It Means for International EM Education (Panel Discussion) – K318**

This interactive discussion panel will discuss the context and current state of international EM education and standards and engage audience feedback regarding emerging issues. Questions to be addressed include: How can higher education EM programs better prepare students for working abroad and with international partners? Should international EM standards be developed? Should educational standards for international EM degrees be developed, and if so, what should be taught? This discussion panel is hosted by the International EM SIG.

Dr. Laura Phipps, University of Texas at Arlington

Dr. David McEntire, Utah Valley University

Dr. Larry Porter, CEM, TQC, Council for the Accreditation of EM & HS Education

Moderator: Self-moderated

2. **A. National Qualification System Overview (FEMA) – K308**

Implementing the National Qualification System (NQS) across the Nation is fundamental to building a culture of preparedness by supporting the National Preparedness Goal. Learn how NQS preparedness guidance and resource management tools assist in providing guidance on qualifying personnel for a streamlined and efficient process of requesting and deploying resources through mutual aid.

Harmon “Hank” Rowland III, FEMA National Integration Center (NIC), National Preparedness Directorate

Moderator: Self-moderated

B. The Optimization of the ICS Safety Officer Role Through High-Reliability Safety Management (Policy) – K308

The ICS Safety Officer position can be optimized using the ANSI Z.10 Safety Management System and High-Reliability Theory and Principles to better identify, assess, and control hazards and threats during a response and also affect culture change leading to higher levels of preparedness and readiness. This research method captured a multitude of best practices and preventative measures from potential incident and exposure causes.

Dr. Cory Worden, Houston Health Department

Moderator: Self-moderated

3. **HiEd Program Open House and Program Update (FEMA) – K302**

The HiEd Open House will be an opportunity to learn about program updates, engage with the FEMA HiEd team, and hear about the future vision for the program.

Kelly Fitzgerald, FEMA HiEd Program Manager

Moderator: Self-moderated

4. **Student Internships (Panel Discussion) – J264**

Internships are beneficial for both the student and the organization, as well as for the EM profession. An internship program is essential for fostering a career capable student while strengthening university partnerships and EM organizations. Come join us as we discuss the benefits for students, academia, and the EM profession, and offer our “lived experience” from all three perspectives.

Dr. Stacy Willett, University of Akron

Dr. Sandy Smith, RN, Arkansas Tech University

Karl Spicer, FEMA Office of the Chief Human Capital Officer (OCHCO)

Emily Heard, DC Homeland Security and Emergency Management Agency

Moderator: Self-moderated

Wednesday Breakouts, 2:30–4:30 (cont.)

5. **A Tale of Two Indexes: Developing Tools to Advance Equity and Diversity in the Emergency Management Workforce and Pipeline (HiEd Research Project) – J268**

Focuses on the development of a prototype of a Workforce Diversity Index that can be used by FEMA and other agencies to assess and monitor the extent to which African Americans are reflected in a workforce which counts employees in positions classified as EM personnel.

Dr. Goulda Downer, FAND, RD, LN, CNS, Howard University, HBCU Emergency Management Workforce Consortium

Moderator: Dr. Kevin Kupietz, Elizabeth City State University

Student Volunteer: Danielle Schule, National University

6. **A. A Critical Comparison of Improvisation vs Preplanning in Emergency Management (Research) – S121/122**

Emerging and comparative understandings of improvisation in EM and their relationship to planning as well as endeavors to critically address several questions involving improvisational decisions compared to planning decisions and how both planning, and improvisation might best be incorporated to achieve optimal EM success.

David Corbett Jr., MPS, St. John's University

Moderator: Katherine Janoski, University of Alaska Fairbanks

Student Volunteer: Trisha O'Connor, San Jose State University

B. A Global Disaster Justice Approach: Emergency Management Practice, Policy, Scholarship, and Higher Education (Equity) – S121/122

In assessing decades of disaster research and policy, we argue that global power relations grounded in colonialism, neo-colonialism, white supremacy, and capitalistic economic models have served to perpetuate and fortify unjust systems and structures. This process guarantees an enduring exponential vulnerability to disasters, which in light of disaster trajectories is morally, economically, and infrastructurally unsustainable. We discuss an activism-informed global disaster justice approach to EM practice, policy, scholarship, and higher education.

Dr. Samantha Montano, Massachusetts Maritime Academy

Dr. Njoki Mwarumba, University of Nebraska Omaha

Susamma Seeley, MPA, CEM, University of Delaware

Moderator: Self-moderated

Student Volunteer: Jennifer Classen, Pennsylvania State University

7. **Vaccine Hesitancy, Marginalized Communities, Chronic Distrust, and the Culture Broker Methodology (Policy) – S125**

Actionable recommendations for moving vaccine-hesitant groups from resistance to greater acceptance of COVID-19 vaccinations. These proposed solutions address findings from the team's original research with members of socially marginalized communities in Pueblo, CO where low vaccination rates are prevalent. The application of a Culture Broker methodology can benefit all phases and dimensions of EM. Findings draw on data generated through focus group interviews gathered from four groups in Pueblo.

Dr. Katherine Browne, Colorado State University

Moderator: Daniel Green, FEMA Region 8

Student Volunteer: Amy Kitchener, University of Hawaii

Thursday, June 9, 2022

Auditorium Plenaries

8:00–9:00 AM	Symposium Registration Building E, 2 nd Floor Lobby
9:00–9:20 AM	Final Day Remarks Charlotte Porter, FEMA NTED Director
9:20–10:20 AM	DHS Panel on Academic and Community Engagement (with Q&A) Traci Silas, Executive Director, DHS Office of Academic Engagement Marcus Coleman, Director, DHS Center for Faith-Based and Neighborhood Partnerships
10:20–10:35 AM	Break
10:35–11:10 AM	Charlottesville: A Case Study in Organizational Trauma Emily Pelliccia, Deputy Chief of Emergency Preparedness, Charlottesville, VA
11:00–11:45 AM	Academic Community Poster Contest Awards
11:45–12:00 PM	Closing Remarks Kelly Fitzgerald, FEMA HiEd PM
12:00–1:00 PM	Lunch: Building K: Cafeteria

Track Key

Scholarship of Teaching and Learning (SoTL) [Light Green]	Research Methodology and Integration [Orange]
Policy and Administration [Dark Green]	Equity, Diversity, and Inclusion [Purple]

Thursday Breakouts, 1:00–2:00 p.m.

1. **Spatial Hazard Events and Losses Database for the United States (Research) – K302**

Showcases some of the research internally and externally conducted using SHELDUS data. SHELDUS™ is a county-level hazard data set for the U.S. and covers natural hazards such as thunderstorms, hurricanes, floods, wildfires, and tornados, as well as perils such as flash floods, heavy rainfall, etc. The database contains information on the date of an event, affected location (county and state), and the direct losses caused by the event (property and crop losses, injuries, and fatalities) from 1960 to present.

Dr. Melanie Gall, Arizona State University

Moderator: Self-moderated

2. **Exploring the Components Needed to Further the Professionalization of the Emergency Management Field: A Qualitative Analysis of Higher Education and Training (SoTL) – K308**

Review a qualitative phenomenological study's findings in these areas: 1) licensure, 2) higher education and training, 3) core ethics, values, and standards, 4) code of conduct, and 5) liability briefly, and in more detail, the proposal approved by Anna Maria College's Institutional Review Board this academic year for a study currently being conducted in higher education and training. Findings will provide a platform to work from toward improving these areas for the future of the field.

Dr. Jennifer Carlson, CEM, LCSW, Anna Maria College

Moderator: Dalia Abdelmeguid, FEMA NTED

Student Volunteer: Danielle Schule, National University

3. **Disabilities in Disaster Situations: How a Rescuer Handles What They Encounter (Policy) – K318**

Individuals with disabilities are often disproportionately affected by a disaster. They were not involved in developing preparatory information during planning, lacked proper immediate emergency notification during response, and experienced inability to access facilities in recovery. This session will review how the lack of specific language in the ADA impacts individuals with disabilities during actual rescue operations in three themes of assumptions of preferential treatment, triage/rescue medical protocols, and the light switch fallacy.

CAPT Daryl Schaffer, University of Alaska Fairbanks

Moderator: Jay Van Der Werff, FEMA Region 7

4. A. **Approaches to Learning: Emergent Topics in EMHS and Learning Sciences Research (SoTL) – J264**

Through weaving together recent literature in EMHS education and Learning Sciences (LS), this session presents emergent topics of learning research and how they compare and align across the two fields. We pay particularly close attention to how these concepts in learning connect with behaviorism, cognitivism, and socio-cultural approaches to learning. Also discussed are two research methodologies that open avenues of research and theoretical framing for studying learning in EMHS spaces.

Jennifer Classen, Pennsylvania State University

Moderator: Michael Belfer, FEMA NTED

B. **Attitudinal Attributes of Professionalization: Perceptions of Maine Emergency Managers: A Quantitative Study (Research) – J264**

State-level research into attitudinal attributes of professionalization among emergency managers in Maine. Survey results indicate that EM has not professionalized in the state. However, practitioners in Maine believe that EM can professionalize, which will require collaboration between policymakers, practitioners, scholars, institutions of higher education, and students. This session provides high-level recommendations that can serve as catalysts for professionalization locally.

Emily Kaster, Tidal Basin Group

Moderator: Self-moderated

Thursday Breakouts, 1:00–2:00 (cont.)

5. **NTES, Measuring Equity in Training (FEMA) – J268**

The [DHS FY2022-26 Learning Agenda](https://www.dhs.gov/sites/default/files/2022-03/DHS%20FY2022-26%20Learning%20Agenda_508c.pdf) (https://www.dhs.gov/sites/default/files/2022-03/DHS%20FY2022-26%20Learning%20Agenda_508c.pdf) charges FEMA's National Training and Education Division with determining "To what extent is FEMA's training and education enterprise providing equitable delivery of curricula to state, local, tribal, and territorial (SLTTs) constituents?" This session will discuss approaches currently under consideration for this measurement. The presenters will conclude with a discussion of best practices in measuring equitable program delivery that audience members may have undertaken in the past, or be aware of.

Amanda Smith, Patrick Cowhey, & Sarah Nix, FEMA NTED

Moderator: Self-moderated

6. **Vulnerability of the Homeless: Better Planning for Disaster (Equity) – S121/122**

Summarizes researcher findings in order to identify areas of strength, as well as recommendations to mitigate weaknesses. Through multiple published studies, we will also explore the need to recognize differences between emergency and disaster management, funding measures, and the over-localization of disaster management regarding the homeless population.

Michael Jones, St. John's University

Moderator: Self-moderated

Student Volunteer: Trisha O'Connor, San Jose State University

7. **Flood Risk Communication and Decision-making Tools Using FEMA's RiskMAP Products (Research) – S125**

This work improves upon available baseline data for decision-making. We describe a method of estimating flood depths at other return periods by using spatial analytic techniques in combination with regression parameters based on the Gumbel extreme value distribution, fit to a line based on the flood depth and double logarithm-transformed annual exceedance probability.

Rubayet Bin Mostafiz, Louisiana State University

Moderator: Self-moderated



Thursday Breakouts, 2:30–4:30 p.m.

1. **Addressing Gender Based Violence in Emergency Preparedness and Response (Equity) – K302**

Addressing Gender Based Violence in Emergency Preparedness and Response will explore the implications of the recently published National Strategy on Gender Equity and Equality on the practice and teaching of EM.

Kelly Fitzgerald, FEMA HiEd Program Manager

Carolyn Washington, DHS Office of Civil Rights and Civil Liberties

Moderator: Self-moderated

Student Volunteer: Kaitlyn Buckley, National University

2. **Perceptions of Emergency Managers Regarding Career Path Progression (Research) – K308**

This qualitative study focuses on the professionalization of the field of Emergency Managers. It explores the perceptions and opinions emergency managers have regarding the foundational knowledge, skills, and abilities students should possess to enter the workforce. An analysis of the research questions provides information relevant for both EM practitioners and institutions of higher education, specifically by attempting to understand the expectations of employers because those perceptions directly relate to program curricula; student recruitment and retention; career development pathways; and community partnerships.

Dr. William Spencer, CEM, MEP, District of Columbia's Homeland Security and Emergency Management Agency

Moderator: Self-moderated

Student Volunteer: Ratul Debnath, University of Hawaii

3. **Application of Community Managed Disaster Risk Reduction for Environmental Justice Communities in South Carolina (Equity) – K318**

Falls under the diversity, equity, and inclusion (DEI) track to showcase a successful program, highlighting a novel approach to community-managed disaster risk reduction in the Southeast U.S.

Dr. Daniel Kilpatrick & Dr. Macayla Upright, University of South Carolina

Moderator: Self-moderated

Student Volunteer: La Tanya Darton, San Jose State University

4. **Advances in Neuroscience for Crisis Intervention and Peer Support (SoTL) – J264**

Provides an experiential introduction to the emerging crisis intervention modality-Stabilization and Safety (CSS)—that supports all EM responder professions, to increase their capacity to attend to the complexity of the stressors while being profoundly strengthened and resourced at the top of their capabilities.

Amie Leigh, MBA, CISM, Somatic Experiencing International

Moderator: Self-moderated

Student Volunteer: Matthew Van, University of Delaware

5. **Grant Writing (Panel Discussion) – J268**

Dr. DeeDee Bennett Gayle, University at Albany, State University of New York

Jamie Leigh Price, FEMA Federal Insurance Mitigation Administration (FIMA)

Dr. Nicolas LaLone, University of Nebraska Omaha

Moderator: Self-moderated

Thursday Breakouts, 2:30–4:30 (cont.)

6. Publishing (Panel Discussion) – S121/122

Features journal editors, associate editors, and reviewers who will provide valuable insight into the publishing process of academic journal articles. They will share their experiences, success stories, and challenges, and engage in questions from audience members. This session is open to anyone interested in publishing articles, but especially doctoral students and junior faculty.

Dr. Claire Knox, University of Central Florida
Dr. Olonilua Oluponmile, CFM, Texas Southern University
Dr. Lucia Velotti, John Jay College of Criminal Justice
Dr. Joseph Richmond, Arkansas State University-Jonesboro
Dr. John Comiskey, Monmouth University
Moderator: Self-moderated

7. Let's Talk: Code of Ethics and Professional Standards of Conduct for Emergency Management Professionals (Research) – S125

An overview of the development process of the Code of Ethics and Professional Standards of Conduct for EM Professionals and the way it is intended to be used by the EM community internally and externally in the short-term and long-term. After the overview, there will be a facilitated discussion between attendees and the presenters.

Dr. Carol Cwiak, North Dakota State University
Dr. Sandy Smith, RN, Arkansas Tech University
Dr. Shirley Feldmann-Jensen, MPH, RN, California State University Long Beach
Dr. Andrea Adams, MBA, University of the District of Columbia
Dr. Curtis Johnson, COO, AVP, CoS, Tennessee State University
Moderator: Self-moderated
Student Volunteer: Makyla Grant, Elizabeth City State University



SIG Meetings, 4:30–5:30 p.m.

1. **Unity of Effort: Education Standards, Accreditation, and Collaboration SIG Meeting**

Tuesday, June 7 | Room K302

See the SIG's page for [more information](https://training.fema.gov/hiedu/specialinterest/accsig.aspx). (https://training.fema.gov/hiedu/specialinterest/accsig.aspx)

Dr. Larry Porter, CEM, TQC, Council for the Accreditation of EM & HS Education



2. **Race, Ethnicity, and Economic Impacts SIG Meeting**

Tuesday, June 7 | Room K308

See the SIG's page for [more information](https://training.fema.gov/hiedu/specialinterest/reeisig.aspx). (https://training.fema.gov/hiedu/specialinterest/reeisig.aspx)

Meldon Hollis, Thurgood Marshall College Fund



3. **International SIG Meeting**

Wednesday, June 8 | Room K302

See the SIG's page for [more information](https://training.fema.gov/hiedu/specialinterest/iemsig.aspx). (https://training.fema.gov/hiedu/specialinterest/iemsig.aspx)

Dr. Laura Phipps, University of Texas at Arlington



4. **Science and Technology Integration SIG Meeting**

Wednesday, June 8 | Room K308

See the SIG's page for [more information](https://training.fema.gov/hiedu/specialinterest/stisig.aspx). (https://training.fema.gov/hiedu/specialinterest/stisig.aspx)

Dr. Nicolas LaLone, University of Nebraska Omaha

Sean Ryan, Northern Arizona University



5. **Service-Learning and Leadership SIG Meeting**

Wednesday, June 8 | Room K318

See the SIG's page for [more information](https://training.fema.gov/hiedu/specialinterest/sllsig.aspx). (https://training.fema.gov/hiedu/specialinterest/sllsig.aspx)

Christopher Schultz, Thomas Edison State University



6. **Collaboration, Connection, and Commitment to 2 Year Programs SIG Meeting**

Thursday, June 9 | Room K302

See the SIG's page for [more information](https://training.fema.gov/hiedu/specialinterest/sllsig.aspx). (https://training.fema.gov/hiedu/specialinterest/sllsig.aspx)

Diana Culp, Mid-Atlantic Center for Emergency Management & Public Safety



7. **A. Scholarship of Teaching and Learning (SoTL) SIG Meeting**

Thursday, June 9 | Room K308

See the SIG's page for [more information](https://training.fema.gov/hiedu/specialinterest/stlsig.aspx). (https://training.fema.gov/hiedu/specialinterest/stlsig.aspx)

Dr. Mark Landahl, City of Rockville



B. Jobs and Internships SIG Meeting

Thursday, June 9 | Room K308

See the SIG's page for [more information](https://training.fema.gov/hiedu/specialinterest/jintsig.aspx). (https://training.fema.gov/hiedu/specialinterest/jintsig.aspx)

Dr. Stacy Willett, University of Akron



Community Spotlight

Congratulations to our community's 2022 Doctoral candidates!



Becky Bernat

Walden University

The Glass Ceiling: Effects of Motivation and Morale on Women in Emergency Management



Joseph Finck

National American University

Management of the Transportation Security Administration: The Reasons Airport Security Fail



Brigit Davis

National American University

Anticipating Social Movement National Security Threats: Social Media Content's Potential in Developing a Structured Analytical Model



Julie Samaru

Walden University

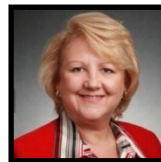
Factors Inhibiting Implementation of a Comprehensive Disaster Management Framework in Trinidad and Tobago



Carlton Miles

National American University

The Evolution of the Transportation Security Administration's Approach to Mitigating Security and Safety Threats to Airport Terminals and Mass Transit Systems...



Kathleen Hirsch

Walden University

Policy Expectations and Care Provider Perceptions for Hospital Emergency Preparedness



Christopher Norris

Walden University

Firefighter Fatalities and the Correlation of Compliance with the National Fire Protection Association (NFPA) 1451 Standard



Manpreet Jaiswal

Jacksonville State University

Determinants of Residents' Shadow Evacuation Intention During a Hurricane in the Rio Grande Valley, Texas



Hyunjung Kim

George Mason University

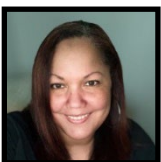
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