

Caroline S. Hackerott, PhD

Curriculum Vitae

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EDUCATION

- 2016 Ph.D. Emergency Management
Oklahoma State University Stillwater, OK
Dissertation: A jolt to the system: Measuring disaster-induced social disruption through water consumption, sales tax revenue, and crime data
- 2000 Ph.D. (ABD) Higher Education Administration (Coursework completed, 2000)
University of Oklahoma Norman, OK
Research emphasis: Division I varsity sports participation and the retention and graduation of African-American male students)
- 1992 MS Nutritional Sciences
Kansas State University Manhattan, KS
Thesis: The impact of exercise on adiposity in juvenile over-nutrition
- 1989 BS Nutritional Sciences
Kansas State University Manhattan, KS
- 1989 BS Exercise Science
Kansas State University Manhattan, KS

PROFESSIONAL APPOINTMENTS

ASSISTANT PROFESSOR—TENURE TRACK, AUGUST 2019 - PRESENT

College of Art, Humanities, and Social Sciences, North Dakota State University

- Full time, tenure track assistant professor in the Department of Emergency Management
- Teach undergraduate and graduate level courses in research design, professional skill development, social aspects of disaster, disaster response, disaster recovery, and disaster preparedness
- Advise undergraduate students in the Emergency Administration and Management program
- Contribute to the disciplinary body of knowledge through conducting original research within the discipline of EM/HS as well as the Scholarship of Teaching and Learning within EM/HS
- Support the quality and regional, state, national, and international reputation of the Department of Emergency Management's academic programs and scholarship through scholarly outreach and ongoing personal professional development through involvement in discipline-specific and discipline-related professional conferences and activity

ASSISTANT PROFESSOR—TENURE TRACK, JANUARY 2015 – AUGUST 2019

College of Engineering and Applied Sciences, Arkansas Tech University

- Full time, tenure track assistant professor in the Department of Emergency Management
- Teach undergraduate and graduate level on-campus and online courses in research design, professional skill development, social aspects of disaster, disaster response, disaster recovery, and disaster preparedness
- Advise undergraduate students in the Emergency Administration and Management program
- Develop new courses for Department of Emergency Management in research design and methods, cyber security, social media, professional skill development, social aspects of disaster, disaster response, disaster recovery, and disaster preparedness

- Contribute to the disciplinary body of knowledge through conducting original research within the discipline of EM/HS as well as the Scholarship of Teaching and Learning within EM/HS
- Support the quality and regional, state, national, and international reputation of the Department of Emergency Management's academic programs and scholarship through scholarly outreach and ongoing personal professional development through involvement in discipline-specific and discipline-related professional conferences and activity

GRADUATE PROGRAM DIRECTOR, DEPARTMENT OF EMERGENCY MANAGEMENT, JUNE 2016 – AUGUST 2019

- Advise all graduate students in the Emergency Management and Homeland Security program
- Direct the development of program objectives and assessment processes for the Emergency Management and Homeland Security program
- Direct and facilitate program self-study process for accreditation and ADHE review
- Chair the Graduate Curriculum Committee to develop new courses and learning objectives to ensure compliance with program objectives and accreditation requirements
- Administer all aspects of Graduate Assistant program
- Conducted outreach and student support activities to sustain program development and student success

GRADUATE TEACHING ASSISTANT, AUGUST 2014 – JANUARY 2016

Department of Political Science, Oklahoma State University

- Independently develop and deliver multiple undergraduate political science, public administration, and emergency management courses (on-campus)
- Co-develop and deliver graduate emergency management pedagogy course (on-campus and online)
- Provide technological support for all online graduate public administration, fire administration, and emergency management courses
- Provide administrative support for graduate distance students including research and graduate college process support
- Provide general faculty support including assessment, course development, and course delivery when requested

GRADUATE RESEARCH ASSISTANT, AUGUST 2012 – AUGUST 2014

Department of Political Science, Oklahoma State University

- Serve as a Co-Investigator on NSF grant-funded research project developing social routine theoretical framework
- Serve as support researcher for multiple projects examining the professionalization of the US and South Korean fire services
- Develop IRB-approved research projects and recruit participants
- Collect and analyze original and secondary quantitative and qualitative data
- Develop and deliver professional, peer-juried national and international presentations for multiple research projects
- Contribute to professional white papers and research articles

DIRECTOR, RESIDENTIAL LIFE, JUNE 2005 – MAY 2009

Fort Hays State University, Hays KS

- Develop 10 year strategic plan for residential student development, housing facilities, dining services, and administrative systems
- Recruit, train, develop, direct, lead, and manage a diverse staff of 80 including professional, administrative, graduate, undergraduate, and classified departmental staff
- Develop and deliver new first-year student academic support programs incorporating faculty and academic mentors. FYRE (First Year Residential Experience) program and Tiger Impact (3-day first-year student orientation program) were adopted and resulted in improved student engagement and retention.
- Develop and administer an annual operational budget of approximately \$6 million and a \$500,000 scholarship program.
- Serve as a member of the steering committee charged with the development and delivery of the new Kansas Academy of Math and Sciences implemented in 2009
- Develop and deliver variety of professional development presentations and activities covering topics including Women as Leaders, values/ethics training, diversity awareness, and motivational and personal development for a variety of campus and community groups and organizations

ASSISTANT DIRECTOR, RESIDENTIAL LIFE, SEPTEMBER 1996 – JUNE 2005

Oklahoma State University, Stillwater OK

- Develop strategic plan for campus dining services, residential housing communities, and student development
- Assist in planning and oversight of facility design, staffing strategy development, and community engagement programming for 21 new residential communities and dining facilities.
- Recruit, train, develop, direct, lead, and manage a diverse staff of 160 including professional, administrative, graduate, undergraduate, and classified departmental staff
- Develop and administer an annual operational budget of approximately \$34.5 million and a \$250,000 student scholarship program
- Develop and administer a multi-departmental GA program within University Dining Services
- Administer ongoing student development and conduct programs to ensure positive learning and living environments
- Serve on university-wide Diversity Council

SPORTS NUTRITIONIST/DINING SERVICES MANAGER, INTERCOLLEGIATE ATHLETICS, MAY 1992 – SEPTEMBER 1996

University of Oklahoma, Norman OK

- Develop and administer an annual operational budget of approximately \$1 million
- Assist in development of recruitment program for all OU athletic programs. Assist in the development and implementation of athletic orientation program including the CHAMPS program for all student-athletes
- Research, develop, and conduct on-going nutrition education programs targeted at high school coaches, OU student athletes, and OU athletic coaching and support staff.
- Develop and administer student athlete individualized nutrition counseling program intended to optimize athletic performance and overall well-being. Develop and deliver menu designed specifically for elite athletes including a nutrition coding system empowering student athletes to customize choices to their specific goals and needs
- Coordinate internship program for Department of Dietetics. Deliver educational units for Department of Dietetics and Health and Sports Sciences
- Serve on departmental gender equity task force and university committees concerning university administrative staff communication

INSTRUCTOR, DEPARTMENT OF FOODS AND NUTRITION, AUGUST 1989 – MAY 1992

Kansas State University, Manhattan KS

- Develop and deliver Basic and Life Cycle Nutrition courses for classes of 35-350 students per semester. Deliver courses on-campus and in a variety of distance formats
- Provide academic advising for pre-health profession undergraduates
- Assist with curriculum evaluation, development, and implementation at both departmental and college levels
- Coordinate internship program for senior pre-health profession, exercise physiology, and nutrition science majors
- Monitor performance of departmental graduate teaching assistants

TEACHING EXPERIENCE: UG = Undergraduate, G = Graduate, C = On-Campus, O = Online, H = Hybrid, GE= General Education, UG

North Dakota State University

Assistant Professor—Department of Emergency Management

- Emergencies, Disasters, and Catastrophes (UG, GE, O, H, C)
- Disaster Response (UG, G, O, H, C)
- Vulnerable Populations in Disaster (UG, G, O, C)

Arkansas Tech University

Assistant Professor—Department of Emergency Management

- Aim and Scope of Emergency Management (UG, C, O)
- Developing Professional Emergency Management Skills (UG, C, O)
- Fieldwork in Long Term Recovery (G, O)
- Principles and Practice of Disaster Planning, and Response Operations (UG, C, O)

- Principles and Practice of Disaster Relief and Recovery (G, O)
- Principles of Preparedness in Emergency Management (G, O)
- Independent Study: Climate Change and Complex Emergencies (UG, C)
- Interdisciplinary Collaborative Solutions: Responding to Climate Change (UG, C)
- Leadership and Management (G, C, O)
- Impact of Social Media on EMHS (G, O)
- Research Design and Methods (G, C, O)
- Applied Data Analysis (G, C, O)
- Research II: Thesis completion (G, C, O)
- Professional Experience and Practicum Project Development (G, C, O)
- Capstone Practicum Research (G, C, O)

Oklahoma State University

Graduate Teaching Assistant—Department of Political Science

- Incident Management Systems and Tactical Operations (UG, C)
- Principles of Emergency Management (UG, C)
- Principles of Recovery and Mitigation (UG, C)
- Pedagogy in Emergency Management (G, C, O)
- Minority Politics (UG, C)
- Personnel Administration (UG, C, O)
- Public Administration (UG, C)

Oklahoma State University

Instructor—College Student Personnel and Higher Education Administration Program

- First Year Student Orientation (UG, C)

Fort Hays State University

Guest Instructor—Department of Leadership

- Ethical Leadership (UG, C)
- Women in Leadership (UG, C)

University of Oklahoma

Instructor—Department of Dietetics, University of Oklahoma Health Sciences Center

- Sports and Nutrition (UG, C)
- Basic Nutrition (UG, C)

Kansas State University

Instructor—Department of Nutrition

- Basic Nutrition (UG, C)
- Lifetime Fitness (UG, C)
- Life Cycle Nutrition (UG, C)
- Adaptive Fitness (UG, C)
- Clinical Nutrition (UG, C)

SCHOLARSHIP

Publications Accepted, In Press, and Under Review

Peer-Reviewed Journal Articles

Hackerott, C.S., & Neal, D.M. (2023, published online prior to print). "A jolt to the system: Quantifying disaster impact and return to routine using citizen-generated calls for service." *Journal of Emergency Management*. Role: Principal Researcher and Author

Hackerott, C.S., Provencio, A.L., & Santos-Hernandez, J. (2021, published online prior to print). "Access and inclusion in Emergency Management online education: Challenges exposed by the COVID-19 Pivot." *Journal of Homeland Security and Emergency Management*. Role: Principal Researcher and Author

Peters, E., Hackerott, C.S., & Jia, W. (2021, published online prior to print). "Exploring a model nuclear planning and response program: Evaluating campus awareness of written risk and emergency information." *Journal of Emergency Management*. Role: Principal Author

Hackerott, C.S. (2021). "Applying problem-based learning to addressing climate change in an interdisciplinary course." *Journal of Security, Intelligence, and Resilience Education*.

Feldman-Jensen, S., Hackerott, C.S., Knox, C.C., Ramsay, J., McEntire, D., & Jerolleman, A. (2019) "The scholarship of teaching and learning in emergency management and homeland security: Trends, gaps, barriers, and opportunities." *Journal of Emergency Management* (17)1. Role: Co-Principal Researcher and Author

Invited Book Chapters

Hackerott, C.S. (2023, In Press). "Quantifying community transition from response to recovery using Social Routine Theory." In S. Jensen & S. Feldman-Jensen, Eds. *Disaster and emergency management: Case studies in adaptation and innovation*. Boca Raton, FL: CRC Press.

White Papers/Reports

Hackerott, C.S. (2017). "Student perceptions regarding the contribution of internship experiences on job preparedness in emergency management." FEMA Higher Ed Emergency Management Institute.

Knox, C.C., Hackerott, C.S., Feldman-Jensen, S., McEntire, D., Landahl, M., Jerolleman, A., O'Connor, M., Ramsay, J., & Walsh, W. (2017) "Focus group report: Scholarship of teaching and learning in emergency management." FEMA Higher Ed Emergency Management Institute. Role: Co-Principal Researcher and Author

Presentations

Professional Conferences (National, Juried)

Hackerott, C.S. (2021, June). "READ is a four-letter word: Strategies to improve student engagement with assigned readings." Workshop presentation, Annual Emergency Management Higher Education Symposium, FEMA Emergency Management Institute Higher Education Program, Emmitsburg, MD.

Hackerott, C.S., Carlson, C., Landahl, M., & Provencio, A. (2020). "EM/HS scholarship of teaching and learning American Educational Research Association focus group report." Report presentation, Annual Emergency Management Higher Education Symposium, FEMA Emergency Management Institute Higher Education Program, Emmitsburg, MD.

Hackerott, C.S., Provencio, A.L., & Santos-Hernandez, J. (2020, November). "Access and inclusion in Emergency Management online education: Challenges exposed by the COVID-19 pivot." Paper session presentation, Annual Association for the Study of Higher Education Conference, New Orleans, LA.

Hackerott, C.S., & Gray, E. (2019, June). "Collaborative instructional design." Paper session presentation, Annual Emergency Management Higher Education Symposium, FEMA Emergency Management Institute Higher Education Program, Emmitsburg, MD.

Hackerott, C.S., Knox, C., & Feldman-Jensen, S. (2019, June). "The scholarship of teaching and learning: Teaching and research don't have to be separate." Workshop presentation, Annual Emergency Management Higher Education Symposium, FEMA Emergency Management Institute Higher Education Program, Emmitsburg, MD.

Hackerott, C.S., Smith, S.M., & Earls, J.E. (2019, June). "Integrating the Next Generation Core Competencies into your assessment and accreditation strategy." Workshop presentation, Annual Emergency Management Higher Education Symposium, FEMA Emergency Management Institute Higher Education Program, Emmitsburg, MD.

Earls, J.E., Smith, S.M., & Hackerott, C.S. (2019, June). "Creating multi-course program assessment rubrics." Paper session presentation, Annual Emergency Management Higher Education Symposium, FEMA Emergency Management Institute Higher Education Program, Emmitsburg, MD.

Aulgur, J., Hackerott, C.S., and Chen, X. (2019, April). "Nonprofit preparedness in the New Madrid Seismic Zone: Addressing the four dimensions of community resilience." Paper session presentation, Annual Midwest Political Science Association Conference, Chicago, IL.

Hackerott, C.S. (2018, June). "Collaborative examinations: Wait isn't that cheating?" Paper session presentation, Annual Emergency Management Higher Education Symposium, FEMA Emergency Management Institute Higher Education Program, Emmitsburg, MD.

Hackerott, C.S., Knox, C., Feldman-Jensen, S., McEntire, D., Landahl, M., & O'Connor, M. (2018, June). "The scholarship of teaching and learning in EMHS." Workshop presentation, Annual Emergency Management Higher Education Symposium, FEMA Emergency Management Institute Higher Education Program, Emmitsburg, MD.

Hackerott, C.S., Smith, S.M., Peters, E., Austin, C., & Earls, J.E. (2018, June). "Incorporating next-generation core competencies into undergraduate EMHS curriculum." Paper session presentation, Annual Emergency Management Higher Education Symposium, FEMA Emergency Management Institute Higher Education Program, Emmitsburg, MD.

Aulgur, J., & Hackerott, C.S. (2017, October) Paper session presentation, "Disaster resilience within developing societies: A study of the Ecuadorian third Sector." International Society for Third-Sector Research's 11th Latin America & Caribbean Network Conference: Democracy and Civil Society in Latin America and the Caribbean in a Time of Change, Quito, Ecuador.

Hackerott, C.S., & Aulgur, J. (2017, July) Abstract presentation, "Community-based adaptive capacity and resilience within developing societies", Natural Hazards Workshop, Broomfield, CO.

Hackerott, C.S. (2017, June). "*Really Bridging Theory and Practice: Incorporating Practical Projects into the Classroom.*" Paper session presentation, Annual Emergency Management Higher Education Symposium, FEMA Emergency Management Institute Higher Education Program, Emmitsburg, MD.

Hackerott, C.S. (2017, June). "Student perceptions regarding the contribution of internship experiences on job preparedness in emergency management." Plenary session research presentation, Annual Emergency Management Higher Education Symposium, FEMA Emergency Management Institute Higher Education Program, Emmitsburg, MD.

Hackerott, C.S., Smith, S.M., Earls, J.E., & Peters, E. (2017, June). "*Challenge met: Continuing Curricular Re-engineering to Increase Academic Rigor and Integrate Program Core Competencies in Graduate EMHS Program.*" Paper session presentation, Annual Emergency Management Higher Education Symposium Higher Education Program, FEMA Emergency Management Institute, Emmitsburg, MD.

Hackerott, C.S., & Neal, D.M. (2016, July). "*Ajolt to the system: Measuring disaster-induced social disruption through water consumption, sales tax revenue and crime data.*" Paper session presented at the meeting of the International Committee for Research on Disasters (R29, International Sociological Association), Broomfield, CO.

Hackerott, C.S., & Neal, D.M. (2016, June). "*Ajolt to the system: Measuring disaster-induced social disruption through water consumption, sales tax revenue and crime data.*" Paper session presented at the meeting of the Emergency Management Higher Education Research Workshop, FEMA Emergency Management Institute Higher Education Program, Emmitsburg, MD.

Smith, S.M., J.E. Earls, C.S. Hackerott, & W.C. Short. (2016, June). "*Challenge met: Increasing academic rigor while integrating program Core competencies in expanded Discipline-specific required credit hours.*" Paper session presentation, Annual Emergency Management Higher Education Symposium, FEMA Emergency Management Institute Higher Education Program, Emmitsburg, MD.

Hackerott, C.S., & Neal, D.M. (2015, June). "*Ajolt to the system: Measuring disaster-induced social disruption through crime data.*" Paper session presented at the meeting of the International Committee for Research on Disasters (R29, International Sociological Association), Broomfield, CO.

Hackerott, C.S. (2015, June). *“Tools of the trade: Instructional strategies for effective learning in emergency management higher education.”* Paper session presented at the Emergency Management Higher Education Symposium, FEMA Emergency Management Institute Higher Education Program, Emmitsburg, MD.

Hackerott, C.S., & Neal, D.M. (2015, February). *“A jolt to the system: Measuring disaster-induced social disruption through infrastructure variables.”* Paper session presented at the Oklahoma State University Research Symposium, Stillwater, Oklahoma.

Hackerott, C.S., & Neal, D.M. (2014, November). *“A jolt to the system: The impact of the 2013 Moore, Oklahoma tornado on water consumption variables and sales tax revenues.”* Paper session presented at the Emergency Services Research Unit/International Journal of Emergency Services Annual Conference, Nottingham, England.

Hackerott, C.S., & Neal, D.M. (2014, November). *“A jolt to the system: The impact of the 2013 Moore, Oklahoma tornado on fire and police overtime and emergency responses.”* Poster presented at the Fire Related Research and Developments Conference of the Institution of Fire Engineers and Fire Service College, Moreton-in-Marsh, England.

Professional Workshops

Hackerott, C.S., & Gray, E. (2020). “Designing your courses for online student engagement: A two-part interactive workshop.” National Training & Education Division, FEMA Higher Education Program.

Hackerott, C.S., McEntire, D., & Walsh, W. (2019). “Creating Higher Education Emergency Management Programs in Puerto Rico.” Collaborative developer and presenter. FEMA Higher Education Program.

Hackerott, C.S., Rouse, R., & Recca, S. (2018). “Creating an Emergency Management and Homeland Security Curriculum/Program for American Samoa Community College.” Primary developer and presenter. Center for Homeland Defense and Security, Naval Postgraduate School.

Webinars and Other Presentations (Invited)

Hackerott, C.S. (2022, November) “Preparing for Disasters in the Context of Climate Change.” *Nobody Listens to Paula Poundstone*, podcast.

Hackerott, C.S. (2022, September) “Climate Change Impacts on North Dakota Disasters.” Fargo-Moorhead Rotary.

Hackerott, C.S. (2021, August). “READ is a four-letter word: Strategies to improve student engagement with assigned readings.” Online workshop presentation, Emergency Management Higher Education Network (EMHEN), Russellville, AR.

Hackerott, C.S., & Slick, J. (2020, April). “Strategies for online teaching EMHS-related higher education: Navigating the COVID19 pivot.” National Training & Education Division, FEMA Higher Education Program.

Hackerott, C.S., Landahl, M., & Carlson, C. (2020, January). “EM/HS scholarship of teaching and learning American Educational Research Association focus group”, National Training & Education Division, FEMA Higher Education Program.

Professional Panels

Hackerott, C.S. (2019, April). “Decoding the weather machine: A multidisciplinary look at climate change.” Arkansas Tech University, Russellville, AR.

Hackerott, C.S. (2019, April). “Mentoring graduate students.” Annual Midwest Political Science Association Conference, Chicago, IL.

Hackerott, C.S. (2019, April). “Gender challenges in higher education.” Annual Midwest Political Science Association Conference, Chicago, IL.

Hackerott, C.S. (2019, April). “How to survive graduate school.” Annual Midwest Political Science Association Conference, Chicago, IL.

Research Collaborations

COVID-19 Working Groups for Public Health and Social Sciences Research. *Risk Communication in Concurrent Disasters*. (2020).

Collaboratively supported by the NSF-funded Social Science Extreme Events Research (SSEER) and the CONVERGE Center and the Natural Hazards Center, University of Colorado-Boulder (NSF Award #1841338).

Student Research

Doctoral Committee Member

Humphrey, Nicholas. (2023).

Doctoral Committee Member

Ferreira, M. (2021).

Thesis Chair (Complete)

Cockrell, S. (2019). *"Pandemic readiness in local public-sector emergency management."* Master Thesis, Arkansas Tech University.

Hendrix, R. (2019). *"Opportunities for collaboration between National Guard and local emergency management agencies in disaster response."* Master Thesis, Arkansas Tech University.

Dougan, T. (2018) *"Impact of overall fitness factors on shooting accuracy in police officers."* Master Thesis, Arkansas Tech University.

James, S. (2018) *"Incorporating community-based organizations in formal emergency response and response planning."* Master Thesis, Arkansas Tech University.

Staudt, M. (2018) *"New home, new risks: Evaluating preparedness levels of resettled refugees in the southeastern United States."* Master Thesis, Arkansas Tech University.

Sardak, B. (2017) *"The intangible benefits of a business continuity program: The perception of organizational senior leadership."* Master Thesis, Arkansas Tech University.

Smith, A.J. (2016). *"Local Christian churches and disaster preparedness: Are they prepared?"* Master Thesis, Arkansas Tech University.

Thesis Committee Member (Complete)

Risbell, J. (2019). *"Tornado preparedness in U.S. public elementary schools."* Master Thesis, Arkansas Tech University.

Plume, D. (2018). *"Northwest Arkansas police departments' preparedness to respond to active shooters."* Master Thesis, Arkansas Tech University.

Felcher, M.A. (2016). *"New Madrid Seismic Zone earthquake response: How the National Guard will respond to a catastrophic quake."* Master Thesis, Arkansas Tech University.

Jackson, R.A. (2016). *"An investigation into hazard mitigation tools at institutes of higher education."* Master Thesis, Arkansas Tech University.

Phouthavong, T. (2016). *"Do first responders find Active911 useful?"* Master Thesis, Arkansas Tech University.

Weems, L.H. (2016). *"Responding to train derailments of crude oil cargos and the use NIMS/ICS."* Master Thesis, Arkansas Tech University.

Practicum Project Chair (Completed)

Stevens, K. (2019). *"Coordinating NGO volunteer assignments in disaster response through a smartphone app."* Master Practicum, Arkansas Tech University.

Muhammed, T. (2019). *"Increasing consumer awareness regarding flood insurance in flood-prone areas."* Master Practicum, Arkansas Tech University.

Meadows, S. (2018). *"Software program development to facilitate post-disaster family-child reunification."* Master Practicum, Arkansas Tech University.

Course Development

2023 (North Dakota State University)

- EMGT 150 Introduction to Homeland Security (Course re-design for F2F delivery) (UG)
- EMGT 445 Vulnerable Populations in Disaster (Course re-design for F2F delivery) (UG)
- EMGT 491 Solving Complex Problems in Emergency Management (interdisciplinary F2F course, developed as part of FEMA LEAN innovation grant) (UG)
- EMGT 691 Solving Complex Problems in Emergency Management (interdisciplinary F2F course, developed as part of FEMA LEAN innovation grant) (G)

2022 (North Dakota State University)

- EMGT 445 Vulnerable Populations in Disaster (Course re-design for online delivery) (UG)
- EMGT 645 Vulnerable Populations in Disaster (Course re-design for online delivery) (G)

2021 (North Dakota State University)

- EMGT 101 Emergencies, Disasters, and Catastrophes (Course re-design for collaborative, asynchronous delivery) (UG)

2020 (North Dakota State University)

- EMGT 101 Emergencies, Disasters and Catastrophes (Course re-design for hyflex delivery) (UG)
- EMGT 363 Disaster Response (Course re-design for hyflex delivery) (UG)

2019 (North Dakota State University)

- EMGT 763 Disaster Response (G)

2019 (Arkansas Tech University)

- EAM 3023: Preparedness and Response (Course Re-design, e-Tech certified)
- EAM 4993: SP Sociological and Political Aspects of Human Security in Digital Environments (Proposed, Developed as part of NSF Grant Application)
- EAM 4993: SP Critical Infrastructure Security in Digital Environments (Proposed, Developed as part of NSF Grant Application)
- EMHS 5993: SP The Intersection of EM and Human Security: Complex Emergencies (Proposed)
- EMHS 6073 Terrorism (Course Re-design)

2018

- EAM 4993: SP Impact of Social Media in EMHS (Proposed, Developed as part of NSF Grant Application)
- EAM 4993: SP Planning in EMHS (Proposed)
- EAM 4993: SP The Intersection of EM and Human Security: Complex Emergencies (Proposed)
- EMHS 5993: SP Impact of Social Media in EMHS (Delivered and Developed as part of NSF Grant Application)
- EMHS 5993: SP Social Roots of Risk (Proposed)
- EMHS 5993: SP Planning in EMHS (Proposed)
- EMHS 6033: Leadership and Management (Delivered and Developed)
- EMHS 6123: Applied Data Analysis (Course Redesign)
- EMHS 6943: Research II (Course Redesign)

2017

- EAM 3003: Developing Professional Emergency Management Skills (eTech Certified)
- IPBL 4893: Collaborative Solutions-Responding to Climate Change (Interdisciplinary)
- EMHS 5993: SP Fieldwork in Long Term Recovery
- EMHS 5993: SP Principles of Preparedness in Emergency Management
- EMHS 6413: Capstone Practicum Research (Course Redesign)
- EMHS 6423: Professional Experience and Practicum Project Development (Course Redesign)

2016

- EAM 6893: Independent Study—Climate Change and Complex Emergencies
- EMHS 6103: Research Design and Methods (Course Redesign)

Funding/Grants

External: Awarded

FEMA Higher Education Institute Grant Hackerott (PI) 9/1/2023 – 9/15/2024
Development of interdisciplinary problem-based course. The goal of this project is to develop a course using problem-based pedagogy to address complex problems as identified by external partners (FEMA, DHS, USGS, etc.) Emphasis is on creating an approach that can be duplicated by other institutions and agencies while providing feasible solutions to disaster-based problems in the context of a changing climate. (7000.00)
Role: PI

FEMA Higher Education Institute Grant Hackerott (PI) 7/1/2020 – 5/15/2021
Review of FEMA Higher Education Program-Sponsored Emergency Management Textbooks. The goal of this study is to review multiple textbooks currently supported by FEMA's Higher Education Program. Emphasis is on creating a guide for ensuring texts reflect updated empirical research and topics. Product will be used to solicit new editions of current textbooks or new textbooks. (7000.00)
Role: PI

FEMA Higher Education Institute Grant Hackerott (Co-PI) 4/1/2020 – 11/15/2020
Focus Group: Conducting Educational Research to Support the Scholarship of Teaching and Learning in Emergency Management and Homeland Security. The goal of this study is to review multiple methodologies and design within educational research and explore how these methods would best be applied to research within emergency management and homeland security academic programs. This group is also charged with providing support to other emergency management and homeland security educators conducting pedagogical research. (3500.00)
Role: Co-PI

Center for Homeland Defense and Security, Naval Postgraduate School Hackerott (PI) 7/10/2018 – 8/10/2018
Workshop: Curriculum and Program Development for an associate's degree program at the America Samoa Community College (ASCC). The goal of this project was to provide instruction and support to the faculty and administration of ASCC as they developed an associate's degree in emergency management and homeland security. (10,000.00)
Role: Primary Developer and Instructor

FEMA Higher Education Institute Grant Hackerott (Co-PI) 4/1/2018 – 6/15/2018
Focus Group: Conducting Educational Research to Support the Scholarship of Teaching and Learning in Emergency Management and Homeland Security. The goal of this study is to review multiple methodologies and design within educational research and explore how these methods would best be applied to research within emergency management and homeland security academic programs. This group is also charged with providing support to other emergency management and homeland security educators conducting pedagogical research. (3500.00)
Role: Co-PI

FEMA Higher Education Institute Grant Hackerott (PI) 10/1/2016 – 7/1/2017
Student Perceptions of Classroom Education and Preparation and Internship Performance and Value
The goal of this study is to evaluate the student perception of academic experiences and classes that provide the greatest positive impact on internship performance and eventual job preparedness levels in emergency management and homeland security. (3500.00)
Role: PI

FEMA Higher Education Institute Grant Hackerott (Co-PI) 9/1/2017 – 11/1/2017
Focus Group: The Scholarship of Teaching and Learning in Emergency Management and Homeland Security. The goal of this study is to evaluate the current state of scholarship in emergency management and homeland security regarding teaching and learning within the discipline(s). The group is also charged with identifying strategies to support greater scholarship. (3500.00)

Role: Co-PI (Co-Chair)

External: Under Development

Federal Emergency Management Agency Hackerott (Co-PI) August 2023
Co-PI: "The development of an interdisciplinary problem-based course to address disaster-based problems in the context of a changing climate". Grant proposal delivered 8/2023.

External: Submitted

National Science Foundation Hackerott (Co-PI) January 2021
Committee member and PI: "FEWSION for sustainable regional systems. Grant proposal delivered 1/2021. (470,000 over 5 years, not funded)

National Science Foundation Hackerott (Co-PI) October 2019
Committee Chair and PI: "Beyond coding: Meeting the demand for an interdisciplinary approach to cyber science." (Resubmission). Grant proposal delivered 10/2019. (\$500,000 over 3 years; not funded)

National Science Foundation Hackerott (Co-PI) December 2019
Committee Member and Co-PI: "ATU UP: Upgrading policies, programs, and practices to advance women in STEM at Arkansas Tech University" (Resubmission). Grant proposal delivered 12/2019. (\$500,000.00 over 3 years; not funded)

NASA-Arkansas Space Grant Consortium Hackerott (Co-PI) December 2017
Committee Member and Co-PI: "Application of earth observation for the risk assessment of invasive species in the forests of Arkansas". Grant proposal delivered 12/2017. (\$45,000.00 over 3 years)

National Science Foundation/Dept. of Homeland Security Hackerott (Co-PI) November 2017
Committee Chair and PI: "Beyond coding: Meeting the demand for an interdisciplinary approach to cyber science". Grant proposal delivered 11/2017. (\$500,000 over 3 years, not funded)

National Science Foundation Hackerott (Co-PI) August 2017
Committee Member and Co-PI: "ATU UP: Upgrading policies, programs, and practices to advance women in STEM at Arkansas Tech University". Grant proposal delivered 8/2017. (\$500,000.00 over 3 years, not funded)

Internal: Under Review

NDSU Impact Grant
NDSU Foundation August 2023
"Development of an Interdisciplinary Problem-Based Course to Address Disaster-based Problems in the Context of a Changing Climate"

Internal: Awarded

ATU Professional Development Grant June 2018
FEMA Emergency Management Institute Annual Higher Education Symposium
"Collaborative examinations: Wait isn't that cheating?"

ATU Assessment Grant June 2018
Quality Matters, Course Development Certification
"Peer Reviewer Rubric"

ATU Professional Development Grant July 2017
Natural Hazards Workshop, Gender Disaster Network Annual Meeting
"Community-based adaptive capacity and resilience within developing societies."

ATU Professional Development Grant July 2016
Natural Hazards Workshop, International Research Committee on Disasters (R29) Annual Meeting, Gender Disaster Network Annual

Meeting

“A jolt to the system: Measuring disaster-induced social disruption through water consumption, sales tax revenue and crime data.”

SERVICE

Service to the University

Committee Involvement

2023

- Member, Women in Research
- Member, Parking Appeals Board
- Member, NDSU Anti-Racism Coalition
- Safe Zone certified ally
- Green Bandana certified ally

2022

- Member, Parking Appeals Board
- Member, NDSU Anti-Racism Coalition
- Safe Zone certified ally
- Green Bandana certified ally

2021

- Member, NDSU Anti-Racism Coalition
- Safe Zone certified ally
- Green Bandana certified ally

2020

- Member, NDSU Anti-Racism Coalition
- Safe Zone certified ally

2019

- Committee Member, Department of Professional Studies Assistant Professor Search Committee

2018

- Member, University Assessment Committee
- Committee Member, University Faculty Athletic Council
- Committee Member, College of Engineering and Applied Sciences Strategic Planning Committee
- Committee Member, College of Engineering and Applied Sciences Dean Search Committee
- Committee Member, College of Graduate Education Dean Search Committee

2017

- Member, University Assessment Committee
- Committee Member, College of Engineering and Applied Sciences Dean Search Committee
- Committee Member, Department of Strength and Conditioning Studies Assistant Professor Search Committee
- Member, College of Engineering and Applied Sciences Faculty Evaluation Committee

2016

- Member, University Assessment Committee
- Board member, Interdisciplinary Project-Based Learning Course Development Committee

Student Retention

2018

- Campus Life CAS External Review Panel, ATU Student Services
- Faculty Academic Mentor, Intercollegiate Athletics, Men's Baseball

2017

- Presenter, Last Lecture (OnTrack—Leader Identified)
- Faculty Academic Mentor, Intercollegiate Athletics, Men's Baseball
- Participant, New Faculty Academy

2016

- Bridge to Excellence Mentor
- Faculty Advisor, Student Chapter of International Association of Emergency Managers
- Participant, New Faculty Academy

University Effectiveness

2019

- Panelist, Female Faculty Grantsmanship Panel, Office of Sponsored and University Initiatives (September, 2018)
- Member, Intercollegiate Athletics Faculty Council
- Member, *Quality Matters* Online Education Task Force.

2018

- Panelist, Female Faculty Grantsmanship Panel, Office of Sponsored and University Initiatives (September, 2018)
- Member, Intercollegiate Athletics Faculty Council
- Member, *Quality Matters* Online Education Task Force.
- Leadership Tech Team Member, Student Veterans Lounge Project (Opened October, 2018)

2017

- Member, Leadership Tech Cohort 1

2016

- Member, Leadership Tech Cohort 1

Service to the College (Arts, Humanities, and Social Sciences)

2023

- Member, College of Arts, Humanities, and Social Sciences Policy and Planning Committee

2022

- Member, College of Arts, Humanities, and Social Sciences Policy and Planning Committee

2021

- Member, College of Arts, Humanities, and Social Sciences Policy and Planning Committee

Service to the Department of Emergency Management and Disaster Science

2022

- Member, Graduate Program Admission Committee (Department of Emergency Management)
- Development and Delivery of Student Recruitment Programs

2021

- Member, Graduate Program Admission Committee (Department of Emergency Management)
- Member, Committee to review development of 3+2 collaborative programs

2020

- Member, Graduate Program Admission Committee (Department of Emergency Management)

2019

- Chair, Graduate Curriculum Committee (Department of Emergency Management)
- Chair, Graduate Program Accreditation/ADHE Internal Review

- Chair, Hospitality Sub-Committee, Department of Emergency Management Annual Conference
- Taught EMHS 6123 (Spring 3 students, Summer 1 student, Fall 2 students)
- Taught EMHS 6943 (Spring 3 students, Summer 1 students, Fall 3 students)
- Taught EMHS 6423 (Spring 1 student, Fall 1 student)
- Taught EMHS 6413 (Spring 1 student)

2018

- Chair, Graduate Curriculum Committee (Department of Emergency Management)
- Chair, Graduate Program Accreditation/ADHE Internal Review
- Chair, Hospitality Sub-Committee, Department of Emergency Management Annual Conference
- Taught EMHS 6123 (Spring 3 students, Summer 1 student, Fall 2 students)
- Taught EMHS 6943 (Spring 3 students, Summer 1 students, Fall 3 students)
- Taught EMHS 6423 (Spring 1 student, Fall 1 student)
- Taught EMHS 6413 (Spring 1 student)

2017

- Chair, Graduate Curriculum Committee (Department of Emergency Management)
- Committee Member, Department of Emergency Management Administrative Associate Search Committee
- Committee Member, Department of Emergency Management Assistant Professor Search Committee
- Taught EMHS 5993 Fieldwork in Long Term Recovery (2 students)
- Taught EMHS 6943 Research II—Thesis (1 student)
- Taught EMHS 6123 Applied Data Analysis (3 students)

2016

- Interim Graduate Program Director
- Committee Member, Department of Emergency Management Assistant Professor Search Committee
- Taught Independent Study: Climate Change and Complex Emergencies (1 student)

Service to the Profession

2023

- External Program Reviewer, St. Louis University, Department of Emergency Management
- External Program Reviewer, University of North Carolina-Fayetteville State, Fire and Emergency Services
- Associate Editor, *Journal of Homeland Security and Emergency Management*
- Editorial board member, *International Journal of Security, Preparedness, and Resilience Education*
- Advisory board member, *Journal of Climate Security and Resilience*
- Article peer reviewer, *International Journal of Mass Emergencies and Disasters*
- Article peer reviewer, *Natural Hazards Review*
- Article peer reviewer, *Journal of Emergency Management*
- External thesis reviewer, Royal Roads University
- Lead: Scholarship of Teaching and Learning Special Interest Group, FEMA Higher Education

2022

- Associate Editor, *Journal of Homeland Security and Emergency Management*
- Editorial board member, *International Journal of Security, Preparedness, and Resilience Education*
- Editorial board member, *Journal of Rural Emergency Management*
- Advisory board member, *Journal of Climate Security and Resilience*
- Article peer reviewer, *International Journal of Mass Emergencies and Disasters*
- Article peer reviewer, *Natural Hazards Review*
- Article peer reviewer, *Journal of Emergency Management*
- External thesis reviewer, Royal Roads University
- Lead: Scholarship of Teaching and Learning Special Interest Group, FEMA Higher Education

2021

- Associate Editor, *Journal of Homeland Security and Emergency Management*
- Editorial board member, *International Journal of Security, Preparedness, and Resilience Education*
- Editorial board member, *Journal of Rural Emergency Management*
- Advisory board member, *Journal of Climate Security and Resilience*
- Article peer reviewer, *International Journal of Mass Emergencies and Disasters*
- Article peer reviewer, *Journal of Emergency Management*
- External thesis reviewer, Royal Roads University
- Lead: Scholarship of Teaching and Learning Special Interest Group, FEMA Higher Education

2020

- Editorial board member, *International Journal of Security, Preparedness, and Resilience Education*
- Editorial board member, *Journal of Rural Emergency Management*
- Article peer reviewer, *International Journal of Mass Emergencies and Disasters*
- Article peer reviewer, *Journal of Emergency Management*
- Lead: Scholarship of Teaching and Learning Special Interest Group, FEMA Higher Education

2019

- Editorial board member, *International Journal of Security, Preparedness, and Resilience Education*
- Editorial board member, *Journal of Rural Emergency Management*
- Presentation peer reviewer, FEMA EMI Higher Education Symposium
- Lead: Scholarship of Teaching and Learning Special Interest Group, FEMA Higher Education

2018

- Editorial board member, *International Journal of Security, Preparedness, and Resilience Education*
- Editorial board member, *Journal of Rural Emergency Management*
- Article peer reviewer, *International Journal of Mass Emergencies and Disasters*
- Presentation peer reviewer, American Education Research Association Annual International Conference (2 divisions)
- Presentation peer reviewer, FEMA EMI Higher Education Symposium
- External thesis reviewer, Royal Roads University
- Textbook Review: Miles, M.B., Huberman, A.M., & Saldana, J. (2019). *Qualitative data analysis: A methods sourcebook* (4th ed.) Thousand Oaks, CA: Sage.

2017

- Editorial board member, *Journal of Rural Emergency Management*
- Presentation peer reviewer, FEMA EMI Higher Education Symposium

2016

- Textbook Review: Bissell, R., Jensen, S., Feldman-Jensen, S., & Jenkins, L. (2016). *Preparedness and Response for Catastrophic Disasters* (2nd ed.) New York: Routledge.
- Presentation peer reviewer, FEMA EMI Higher Education Symposium

Professional Memberships

- 2011 - present International Association of Emergency Managers
- 2013 - present International Sociological Association
- 2013 - present International Research Committee on Disasters (R29)
- 2013 - present Gender Disaster Network
- 2015 – present Exploratory and Foundational Committee, EM Scholars Disciplinary Association
- 2017 – present Arkansas Political Science Association
- 2018 – present American Educational Research Association
- 2018 – present Midwest Political Science Association
- 2019 – present Association of Minnesota Emergency Management
- 2019 – present North Dakota Emergency Management Association
- 2019 – present American Educational Research Association

2020 – present Association for the Study of Higher Education

Professional Contribution

- 2021 Chair, Scholarship of Teaching and Learning in Emergency Management and Homeland Security AERA focus group (FEMA EMI Hi-Ed)
- 2021 Co-Chair, Scholarship of Teaching and Learning in Emergency Management and Homeland Security (FEMA EMI Hi-Ed)
- 2020 Chair, Scholarship of Teaching and Learning in Emergency Management and Homeland Security AERA focus group (FEMA EMI Hi-Ed)
- 2020 Co-Chair, Scholarship of Teaching and Learning in Emergency Management and Homeland Security (FEMA EMI Hi-Ed)
- 2020 Reviewer, Participant Applications Scholarship of Teaching and Learning in Emergency Management and Homeland Security—Disciplinary Research Investigation (AERA, FEMA EMI Hi-Ed)
- 2019 Panelist, “*Surviving Graduate School*”. Midwest Political Science Association Annual Conference.
- 2019 Panelist, “*Mentoring Graduate Students*”. Midwest Political Science Association Annual Conference.
- 2019 Panelist, “*Surviving Graduate School*”. Midwest Political Science Association Annual Conference.
- 2019 Co-Chair, Scholarship of Teaching and Learning in Emergency Management and Homeland Security (FEMA EMI Hi-Ed)
- 2019 Reviewer, Participant Applications Scholarship of Teaching and Learning in Emergency Management and Homeland Security—Disciplinary Research Investigation (AERA, FEMA EMI Hi-Ed)
- 2018 Reviewer, Participant Applications Scholarship of Teaching and Learning in Emergency Management and Homeland Security—Disciplinary Research Investigation (AERA, FEMA EMI Hi-Ed)
- 2018 Facilitator, Developing an Emergency Management and Homeland Security Associate’s Degree Curriculum at American Samoa Community College (Center for Homeland Defense and Security, Naval Postgraduate School)
- 2018 Member, Scholarship of Teaching and Learning in Emergency Management and Homeland Security—Disciplinary Research Investigation (AERA, FEMA EMI Hi-Ed)
- 2018 Co-Chair, Scholarship of Teaching and Learning in Emergency Management and Homeland Security (FEMA EMI Hi-Ed)
- 2018 Facilitator, Academic Assessment/Higher Education Quality Control discussion group (FEMA EMI Hi-Ed)
- 2017 Co-Chair, Scholarship of Teaching and Learning in Emergency Management and Homeland Security (FEMA EMI Hi-Ed)
- 2017 Facilitator, FEMA EMI Research Workshop
- 2017 Participant, Natural Hazards Conference Teaching and Learning Roundtable
- 2017 Member, National Conference Host and Planning Committee, EM Scholars Disciplinary Association
- 2016 Co-Convener, Gender Disaster Network Annual International Meeting
- 2016 Facilitator, FEMA EMI Research Workshop
- 2016 Emergency Management Scholars, Disciplinary Research Focus Group (FEMA EMI Hi-Ed)
- 2015 Student Volunteer, Natural Hazards Workshop
- 2015 Emergency Management Scholars, Disciplinary Research Focus Group (FEMA EMI Hi-Ed)

Professional Certifications

- Quality Matters, Peer Reviewer Rubric Certification
- CITI: Responsible Conduct of Research for Social, Behavioral, and Education SBE Researchers
- CITI: Human Research
- FEMA IS-100
- FEMA IS-200
- FEMA ICS-300
- FEMA ICS-400
- FEMA IS-700
- FEMA IS-800

Service to the Community

Presentations

2023

Fargo-Moorhead PM Rotary Club, “The Intersection of Climate and Disasters: The changes that are coming and how to be ready.” (February, 2023)

2022

Featured guest, "No One Listens to Paula Poundstone" podcast. "The Intersection of Climate and Disasters: The changes that are coming and how to be ready." (November, 2022)

2016

Arkansas Professional Business Women "Bee Prepared"

Educational Outreach

2018

- Contributor, "How to make yourself deployable during a disaster." Disque Foundation.

2017

- Faculty director/chair of joint community-Arkansas Tech University Community-Based Organizations Disaster Preparedness Workshop, (Developmental Planning): Danville, AR

2016

- Faculty director/chair of joint community-Arkansas Tech University – Catholic Charities Preparedness Educational Workshop: Dardanelle, AR
- Faculty director/chair of joint community-Arkansas Tech University – Catholic Charities Preparedness Educational Workshop: Russellville, AR

Volunteer Activities

2023

- Member, Executive Board, American Red Cross, Region VIII
- Service Chair, FMPM Rotary Club, Fargo, North Dakota

2022

- Member, Executive Board, American Red Cross, Region VIII
- Member, FMPM Rotary Club, Fargo, North Dakota

2021

- Member, Evening Rotary Club, West Fargo, North Dakota

2019

- Member, Downtown Rotary Club, Russellville, Arkansas

2018

- Member, Downtown Rotary Club, Russellville, Arkansas

2017

- Member, Downtown Rotary Club, Russellville, Arkansas

2016

- Member, Downtown Rotary Club, Russellville, Arkansas