

**Alex Greer**

**Department of Emergency Management and Homeland Security  
Emerging Technology and Entrepreneurship Complex (ETEC) 350J  
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**EDUCATION**

- 2015 Ph.D. School of Public Policy and Administration – Disaster Science and Management Program, University of Delaware  
Dissertation: Household Residential Decision-Making in the Wake of Disaster: Cases from Hurricane Sandy. Doctoral Mentor (Joanne Nigg, Ph.D.)
- 2012 M.S. School of Public Policy and Administration – Disaster Science and Management Program, University of Delaware  
Thesis: Oil Spill Events: Prominent Frames and Policy Implications. Thesis Mentor (Joanne Nigg, Ph.D.)
- 2010 B.S. (Magna Cum Laude) Double Major in Sociology and Geology, East Tennessee State University  
Thesis: Overlying Sandstone and Sulfur Levels in the No. 2 Gas Coal Seam. Thesis Mentor (Chris Gregg, Ph.D.)

**EDUCATIONAL EMPLOYMENT**

- 2022-Present **Department Chair**, Emergency Management and Homeland Security Department, College of Emergency Preparedness, Homeland Security and Cybersecurity, State University of New York at Albany
- 2021-2022 **Interim Associate Dean for Faculty Development**, College of Emergency Preparedness, Homeland Security and Cybersecurity, State University of New York at Albany
- 2020-2022 **Program Coordinator**, Emergency Preparedness and Homeland Security Programs, College of Emergency Preparedness, Homeland Security and Cybersecurity, State University of New York at Albany
- 2020-Present **Associate Professor**, College of Emergency Preparedness, Homeland Security and Cybersecurity, State University of New York at Albany
- 2018-2020 **Assistant Professor**, College of Emergency Preparedness, Homeland Security and Cybersecurity, State University of New York at Albany
- 2015-2018 **Assistant Professor**, Department of Political Science, Oklahoma State University

**ADDITIONAL EMPLOYMENT**

- 2010-2015 **Research Assistant**, Disaster Research Center, University of Delaware

**HONORS AND AWARDS**

Spring Competitive Travel Award	Oklahoma State University	2018	\$1000
Fall Competitive Travel Award	Oklahoma State University	2017	\$1000
Spring Competitive Travel Award	Oklahoma State University	2017	\$1000
Outstanding Research Award	Oklahoma State University Political Science Department	2017	
Spring Competitive Travel Award	Oklahoma State University	2016	\$1000
Outstanding Research Award	Oklahoma State University Political Science Department	2016	
Research Presentation Award	3 <sup>rd</sup> Emergency Management Theory and Research Workshop	2016	
Marvin B. Sussman Dissertation Prize	University of Delaware	2015	
University Graduate Fellow	University of Delaware	2011-2012	
Outstanding Academic Achievement in Sociology	East Tennessee State University	2010	

## PUBLICATIONS

### Peer Reviewed Articles (\*indicates student co-author)

**Greer, A.**, Huntsman, D., Wu, T., Murphy, H., and Clay, L. (Accepted) “Household Hurricane Evacuation During a Dual-Threat Event: Hurricane Laura and COVID-19.” *Transportation Research Part D: Transport and Environment*.

Li, Y.\*, **Greer, A.**, and Wu, T. (Accepted) “Applying Extended Parallel Process Model to Understand Households’ Responses to Tornado and Earthquake Risks in Oklahoma.” *Risk Analysis*.

Huntsman, D., **Greer, A.**, Murphy, H., and Li, D. (Accepted) “A Serial Mediation Model Exploring the Impact of High Performance Human Resource Practices on Public Sector Performance through Intermediate Employee Attitudes.” *International Journal of Public Administration*.

Wu, T., Murphy, H., **Greer, A.**, and Clay, L. (Accepted) “Evacuate or Social Distance? Modeling the Influence of Threat Perceptions on Hurricane Evacuation in a Dual-Threat Environment.” *Risk Analysis*.

Zavar, E., Binder, S.B., **Greer, A.**, and Breaux, A. (2023) “Using the past to understand future property acquisitions: An examination of historic voluntary and mandatory household relocations.” *Natural Hazards*. 116, 1973–1993.

Li, Y.\*, **Greer, A.**, and Wu, T. (2023) “Modeling Household Earthquake Hazard Adjustment Intentions: An Extension of the Protection Motivation Theory.” *Natural Hazards Review*. 24(2), 04022051.

Clay, L., **Greer, A.**, King, D.\*, and Slotter, R.\*. (2022) “The Social Supportive Role of Food and Meals Following Hurricane Florence.” *Journal of Homeland Security and Emergency Management*. 19(3), 323-345.

Li, Y.\*, Wu, T., **Greer, A.**, and Huntsman, D. (2022) “Drivers of Household Risk Perceptions and Adjustment Intentions to Tornado Hazards in Oklahoma.” *Weather, Climate, and Society*. 14(4), 1177-1199.

Huntsman, D., **Greer, A.**, Murphy, H., and Li, D. (2022). “The Effects of Empowerment at Multiple Leadership Levels in the Fire Service: A Moderated Mediation Model.” *International Journal of Emergency Services*. 11(2), 338-360.

**Greer, A.**, Wu, T., and Murphy, H. (2022). “Does Etiology Matter? Exploring Attitudes Towards Tornado and Earthquake Hazards.” *International Journal of Disaster Risk Reduction*. (76), 103005, 1-10.

**Greer, A.**, Zavar, E., and Binder, S.B. (2022). “From Hazard Mitigation to Climate Adaptation: A Review of Home Buyout Program Literature.” *Housing Policy Debate*. 32(1), 152-170.

Huntsman, D.\*, Wu, T., and **Greer, A.** (2021). “What Matters? Exploring Drivers of Basic and Complex Adjustments to Tornadoes Among College Students.” *Weather, Climate, and Society*. 13(3), 665-676.

**Greer, A.** and Trainor, J. (2021). “A System Disconnected: Perspectives on Post Disaster Housing Recovery Policy and Programs.” *Natural Hazards*.106(1), 303-326.

Huntsman, D.\*, **Greer, A.**, Murphy, H., and Haynes, S.\*. (2021). “Enhancing Adaptive Performance in the Fire Service: Empowerment Practices and the Moderating Role of Tempo Balance.” *Safety Science*.134(105060).

**Greer, A.**, Wu, T., and Murphy, H. (2020). “Household Adjustment to Seismicity in Oklahoma.” *Earthquake Spectra*. 36(4), 2019–2032.

Binder, S.B., **Greer, A.**, and Zavar, E. (2020). “Home buyouts: a Tool for Mitigation or Recovery?” *Disaster Prevention and Management*. 29(4), 497-510.

Huntsman, D.\*, **Greer, A.**, and Murphy, H. (2020). “Leveraging Justice: How Leaders Influence Performance in the Fire Service.” *Journal of Risk, Hazards, and Crisis in Public Policy*. 11(3), 270-295.

Wu, T., **Greer, A.**, and Murphy, H. (2020). “Perceived Stakeholders’ Trustworthiness of Earthquake Information: A Case of Induced Seismic Activities in Oklahoma.” *Natural Hazards Review*. 21(3), 04020017.

**Greer, A.**, Binder, S.B., Thiel, A.\*, Jamali, M.\*, and Nejat, A. (2020). “Place Attachment in Disaster Studies: Measurement and the Case of the 2013 Moore Tornado.” *Population and Environment*. 41(3), 306-329.

**Greer, A.**, Trainor, J., and McNeil, S. (2019). “Voluntary Household Relocation Decision Making in the Wake of Disaster: Re-interpreting the Empirical Record.” *International Journal of Mass Emergencies and Disasters*. 37(2), 197-226.

Huntsman, D.\* and **Greer, A.** (2019). “Antecedents of Trust in Leadership: A Multi-Level Perspective in the Fire Service.” *International Fire Service Journal of Leadership and Management*. 13, 19-33.

Clay, L. and **Greer, A.** (2019). “Association Between Long-Term Stressors and Mental Health Distress Following the 2013 Moore Tornado: A Pilot Study.” *Journal of Public Mental Health*. 18(2), 124-134.

Chang, R., **Greer, A.**, Murphy, H., Wu, T., and Melton, S.\* (2019). “Maintaining the Status Quo: Understanding Local Use of Resilience Strategies to Address Earthquake Risk in Oklahoma.” *Local Government Studies*. 45(3), 433-452.

Reprinted in Reinhardt, G. and Drennan, L. (eds). 2020. *Local Disaster Management*. London: Routledge.

Schumann, R., Binder, S.B., and **Greer, A.** (2019). “Unseen Potential: Photovoice Methods in Hazard and Disaster Science.” *GeoJournal*. 84(1), 273-289.

Baker, C., Binder, S.B., **Greer, A.**, Weir, P.\*, and Gates, K.\* (2018). “Integrating Community Concerns and Recommendations into Home Buyout and Relocation Policy.” *Journal of Risk, Hazards, and Crisis in Public Policy*. 9(4), 455-479.

**Greer, A.**, Wu, T., and Murphy, H. (2018). “A Serendipitous, Quasi-Natural Experiment: Earthquake Risk Perceptions and Hazard Adjustment Among College Students.” *Natural Hazards*. 93(2), 987-1011.

Jamali, M.\*, Nejat, A., Hooper, R.\*, **Greer, A.**, and Binder, S.B. (2018). “Post-Disaster Place Attachment: A Qualitative Study of Place Attachment in the Wake of the 2013 Moore Tornado.” *Journal of Emergency Management*. 16(5), 289-310.

Clay, L., **Greer, A.**, and Kendra, J. (2018). “Learning from Historic Disaster Response: Reviewing Old Lessons on Disaster Mental Health.” *Journal of Risk, Hazards, and Crisis in Public Policy*. 9(3), 303-331.

Nejat, A., Binder, S.B., **Greer, A.**, and Jamali, M.\* (2018). “Demographics and the dynamics of recovery: A latent class analysis of disaster recovery priorities after the 2013 Moore, Oklahoma tornado.” *International Journal of Mass Emergencies and Disasters*. 36(1), 23-51.

Murphy, H., **Greer, A.**, and Wu, T. (2018). “Trusting Government to Mitigate a New Hazard: The Case of Oklahoma Earthquakes.” *Journal of Risk, Hazards, and Crisis in Public Policy*. 9(3), 357-380.

Wu, T., **Greer, A.**, Murphy, H., and Chang, R. (2017). “Preparing for the New Normal: Students and Earthquake Hazard Adjustments in Oklahoma.” *International Journal of Disaster Risk Reduction*. 25, 312-323.

**Greer, A.** and Binder, S.B. (2017). “A Historical Assessment of Home Buyout Policy: Are We Learning or Just Failing?” *Housing Policy Debate*. 27(3), 372-392.

Binder, S.B. and **Greer, A.** (2016). “The Devil is in the Details: Linking Home Buyout Policy, Practice, and Experience After Hurricane Sandy.” *Politics and Governance*. 4(4), 97-106.

**Greer, A.** and Best, E. (2016). “Size Doesn’t Matter: The Complicated Relationship Between National Offshore Oil Spill Events, Framing, and Policy.” *International Journal of Mass Emergencies and Disasters*. 34(1), 25-46.

**Greer, A.** (2012). “Earthquake Preparedness and Response: A Comparison of the United States and Japan.” *Leadership and Management in Engineering*. 12(3), 111-125.

### **Edited Book chapters**

Mili, L., Triantis, K., and **Greer, A.** (2018). “Integrating Community Resilience in Power System Planning.” In Badescu, Viorel, Cristian Lazaroiu, and Linda Barelli (Eds.). *Power Engineering: Advances and Challenges Part B: Electrical Power*. Boca Raton, FL: CRC Press.

**Greer, A.** and Binder, S.B. (2017). “Community Recovery and the Role of Emergent Organizations in Postdisaster Home Buyouts: A Case Study of Oakwood Beach, New York.” In Marsh, G., Ahmed, I., Mulligan, M., Donovan, J., & Barton, S. (Eds.). *Community Engagement in Post-Disaster Recovery* (pp. 190-202). New York, NY: Routledge.

### **Manuscripts under Review in Peer Reviewed Journals**

Dascher, E., Zavar, E., **Greer, A.**, and Binder, S.B. (Revise and Resubmit) “Biophilia as Climate Justice for Post-Buyout Land Management.”

Zavar, E., **Greer, A.**, and Binder, S.B. “The Social Construction of the Post-buyout Landscape: An Analysis of Visual Culture.”

Binder, S.B., Baker, C., Ritchie, L., and **Greer, A.** (Revise and Resubmit) ““Upheaval”: Unpacking the dynamic balance between place attachment and social capital in disaster recovery.”

Li, Y.\*, Clay, L., Murphy, H., Wu, T., and **Greer, A.**, “When Do Households Evacuate? Hurricane Evacuation Timing During the COVID-19 Pandemic.”

### **Work in Progress**

Li, Y.\*, **Greer, A.**, and Wu, T. (Edited book chapter under review) “Induced Seismicity Embedded Within Sociotechnical Systems.”

Schwaller, N., BenDor, T., **Greer, A.**, and Berke, P. “Floodplain buyout outcomes mimic broader post-disaster migration patterns.”

**Greer, A.**, Murphy, H., Wu, T., and Clay, L. “Decision-making during a syndemic: evacuation and sheltering in response to Hurricane Laura.”

Clay, L., Wu, T., Murphy, H., and **Greer, A.**, “Greater household income protective against individual anxiety during dual hazards COVID-19 and Hurricane Laura.”

**Greer, A.**, Zavar, E., and Binder, S.B. (Edited book chapter under review) “Attachment to Place to Ease Losses in Place: Planning for Relocation Before Disaster.”

## Data Products

**Greer, A.**, Wu, T., Murphy, H., and Chang, R. (2020) "Survey of Students and Households and Interviews with Key Stakeholders in Oklahoma", in *Earthquake Adjustment in Oklahoma*. DesignSafe-CI. <https://doi.org/10.17603/ds2-dn0z-0111>.

## OTHER SCHOLARLY ACTIVITY

### Technical Reports

Clay, L., **Greer, A.**, Murphy, H., and Wu, T. (2022). “Risk Messaging During Syndemics.” WR9. Report for the Natural Hazard Center Weather Ready Research Program. Available at (<https://hazards.colorado.edu/weather-ready-research/risk-messaging-during-syndemics>).

Schumann, R., Mockrin, M., Binder, S.B., and **Greer, A.** (2022). “From the Ashes: Mitigation Policy After Wildfire in California.” MM13. Report for the Natural Hazard Center Mitigation Matters Program. Available at (<https://hazards.colorado.edu/mitigation-matters-report/from-the-ashes>).

Jahan, I., McNeil, S., Trainor, J., and **Greer, A.** (2019). “Using Information at Different Spatial Scales to Estimate Demand to Support Asset Management Decision Making.” Final Report of Center for Advanced Infrastructure and Transportation University Transportation Centers Program. Available at (<https://cait.rutgers.edu/wp-content/uploads/2018/05/cait-utc-nc6-final-1.pdf>).

Binder, S.B. and **Greer, A.** (2018). “Exploring the Role of Implementing Agencies in Home Buyouts: Process, Equity, and Inclusion in Program Design and Implementation.” QR281. Report for the Natural Hazard Center Quick Response Program. Available at (<https://hazards.colorado.edu/quick-response-report/exploring-the-role-of-implementing-agencies-in-home-buyouts-process-equity-and-inclusion-in-program-design-and-implementation>).

Binder, S.B., **Greer, A.**, and Baker, C. (2018). “Home Buyout Programs: Recommendations for Policy & Practice.” Policy Brief. Available at (<https://www.preventionweb.net/publications/view/58500>).

McNeil, S., Trainor, J., **Greer, A.**, Jahan, I., and Li, Q. (2017). “Tracking Housing Recovery in Sea Bright, NJ and the Relationship to Infrastructure Renewal.” DRC Final Report No. 65. Final Report of Center for Advanced Infrastructure and Transportation University Transportation Centers Program. Available at (<https://ntl.bts.gov/lib/61000/61700/61754/CAIT-UTC-063-Final.pdf>).

McNeil, S., Trainor, J., **Greer, A.**, Jahan, I., and Mininger, K. (2016). “Understanding the Relationships between Household Decisions and Infrastructure Investment in Disaster Recovery: Cases from Superstorm Sandy.” DRC Final Report No. 64. Final Report of Center for Advanced Infrastructure and Transportation University Transportation Centers Program. Available at (<https://ntl.bts.gov/lib/60000/60700/60791/CAIT-UTC-037-final.pdf>).

Taylor, J., Çelebi, M., **Greer, A.**, Jampole, E., Masroor, A., Melton, S., Norton, D., Paul, N., Wilson, E., and Xiao, Y. (2016). *EERI Earthquake Reconnaissance Team Report: M5.0 Cushing, Oklahoma, USA Earthquake on November 7, 2016*. Earthquake Engineering Research Institute Report. Available at (<http://www.eqclearinghouse.org/2016-09-03-oklahoma/files/2017/02/Oklahoma-EERI-Recon-Report-2017-02-15-Final.pdf>).

Nigg, J.M., Gill, K., **Greer, A.**, Manierre, M., and Fendt, A. (2012). *Public Health Emergency Planning for Radiological Events: Preliminary Guidance for the Delaware Department of Public Health*. DRC Final Report No. 58. Newark: Disaster Research Center, University of Delaware.

### Miscellaneous Reports

**Greer, A.** (2020). “The Role of Networks, Information, and Technology in Reducing Seismic Risk.” Review of *The Dynamics of Risk: Changing Technologies and Collective Action in Seismic Events* by Louise K. Comfort. *Journal of Public Administration Theory and Research*. 30(2), 343-345.

Zavar, E., Binder, S.B., and **Greer, A.** (2019). “Taking the Long View: Improving Home Buyout Programs Through Community Involvement.” Blog post written for EfficientGov. Available at (<https://efficientgov.com/blog/2019/10/21/taking-the-long-view-improving-home-buyout-programs-through-community-involvement/>).

Zavar, E., Binder, S.B., and **Greer, A.** (2019). “After Disaster: Why Home Buyout Programs Fizzle Out.” Blog post written for EfficientGov. Available at (<https://efficientgov.com/blog/2019/05/28/after-disaster-why-home-buyout-programs-fizzle-out/>).

Binder, S.B. and **Greer, A.** (2018). “Counting the cost: The social and psychological implications of relocation and retreat.” Blog post written for Climigration. Available at (<http://www.climigration.org/blog/2018/12/18/weighing-the-social-costs-of-retreat>).

**Greer, A.** and Binder, S.B. (2018). “Mind the Gap: Reconciling Mitigation and Recovery in Home Buyout Programs.” Research Counts Series published by the Natural Hazards Center at the University of Colorado at Boulder. Available at (<https://hazards.colorado.edu/news/research-counts/mind-the-gap-reconciling-mitigation-and-recovery-in-home-buyout-programs>).

McNeil, S., Trainor, J., **Greer, A.**, Jahan, I., and Mininger, K. (2015). “Household Residential Decision-making in the Wake of Disaster: Report of Results Prepared for Oakwood Beach Residents.” DRC Miscellaneous Report 76. Available at (<http://udspace.udel.edu/handle/19716/17210>).

McNeil, S., Trainor, J., **Greer, A.**, Jahan, I., and Mininger, K. (2015). “Household Residential Decision-making in the Wake of Disaster: Report of Results Prepared for Sea Bright Residents.” DRC Miscellaneous Report 77. Available at (<http://udspace.udel.edu/handle/19716/17211>).

**Greer, A.** (2014). “How does a rig “so technologically advanced it could not spill”, do just that? What does that say for the future of the industry?” Conspectus written for the DRC 50th Anniversary Workshop.

### **Rapid Response Field Work**

**Member**, Earthquake Engineering Research Institute (EERI) Learning From Earthquakes (LFE) Quick response team to Cushing, OK, in the wake of the Cushing Earthquake, November 14th-16th, 2016.

**Member**, DRC Quick Response Field Reconnaissance Team to Oklahoma in the wake of the Moore tornado, May 24th-28th, 2013.

**Member**, DRC Quick Response Field Reconnaissance Team to New York in the wake of Hurricane Sandy, November 15th-16th, 2012.

**Member**, DRC Quick Response Field Reconnaissance Team to Japan in the wake of the Tohoku Earthquake, January 21st-29th, 2012.

**Member**, DRC Quick Response Field Reconnaissance Team to Japan in the wake of the Tohoku Earthquake, October 30th-November 6th, 2011.

**Member**, Earthquake Engineering Research Institute (EERI) Learning From Earthquakes (LFE), the Disaster Research Center (DRC), and the Center of Historic Architecture and Design (CHAD) Quick response team to Mineral, VA in the wake of the Mineral Earthquake, September 14th-15th, 2011.

### **Media Appearances**

**Online Magazine**, Northern California Public Media (Rohnert Park, CA), 2022.  
(<https://norcalpublicmedia.org/2022072280608/news-feed/researchers-looking-for-local-wildfire-victims-to-tell-their-stories>)

**Online Magazine**, Homeland Security News Wire (Mineola, NY), 2022.  
(<https://www.homelandsecuritynewswire.com/dr20220629-exploring-the-role-of-place-attachment-following-california-wildfires>)

**Online Magazine**, Rolling Stone (San Francisco, California), 2020.  
(<https://www.rollingstone.com/politics/politics-features/climate-migration-predicted-number-climate-refugees-962251/?fbclid=IwAR2MIMVDDUS8bbeJxzH4fMilJz8YrjYLFtKWN6E2MY9sQ6GsbykSoXNKbic>)

**Television**, KOCO (ABC Affiliate – Oklahoma City, Oklahoma), live television interview regarding the state of earthquake preparedness in Oklahoma, 2018.

**Online Magazine**, The Progressive (Madison, Wisconsin), 2018.  
(<https://progressive.org/magazine/moving-on/>)

**Online Magazine**, Scientific American (New York, New York), 2018.  
(<https://www.scientificamerican.com/article/surrendering-to-rising-seas/?previewid=B4AC698F-FEC3-4DA1-B970AA1D792D0A65>)



**Radio**, National Public Radio (Washington, D.C.) - Houston is trying to get buyout offers to homeowners quickly (at approximately 0:02:26), 2017. (<http://news.wbfo.org/post/houston-trying-get-buyout-offers-homeowners-quickly>)

**Online Magazine**, The Progressive (Madison, Wisconsin), 2017.

(<http://progressive.org/dispatches/nowhere-to-run-nowhere-to-hide-climate-change-disasters-an/>)

**News Journal**, The Wall Street Journal (New York, New York), 2017.

(<https://www.wsj.com/articles/one-house-22-floods-repeated-claims-drain-federal-insurance-program-1505467830>)

**News Article**, CNBC (Englewood Cliffs, New Jersey), 2017.

(<https://www.cnbc.com/2017/08/31/the-second-disaster-following-hurricanes-years-of-stressful-recovery.html>)

**Television**, KFOR (NBC Affiliate – Oklahoma City, Oklahoma), television interview regarding the state of earthquake preparedness in Oklahoma, 2017. (<http://kfor.com/2017/11/09/how-prepared-are-oklahomans-for-earthquakes-researchers-say-not-so-much/>)

**News Journal**, The Nation (New York, New York), 2016.

(<https://www.thenation.com/article/to-adapt-to-climate-change-retreat-is-necessary/>)

**Podcast**, Amplified Oklahoma, a production of the Oklahoma Oral History Research Program at the Oklahoma State University Library – Episode 1: Tornadoes in Oklahoma (at approximately 0:16:27), 2016. (<https://soundcloud.com/amplified-oklahoma/episode-001>)

**Online Magazine**, Security Management (Alexandria, Virginia), 2015.

(<https://sm.asisonline.org/Pages/Revisiting-Response.aspx>)

## GRANT FUNDING

### Federal

Role: Principal Investigator

Project: Collaborative Research: Place Attachment in Mitigation and Recovery: A Mixed Methods Study of Residential Adjustment Following Wildfires

Source: National Science Foundation

Time Period: 6/1/2022-5/31/2024

Total Funding: \$299,825

Role: Co-Principal Investigator (With Principal Investigator Tristan Wu)

Project: RAPID: Understanding Evacuation, Sheltering, and Reentry decisions during the Dual Threat of Hurricane and the COVID-19 Pandemic

Source: National Science Foundation

Time Period: 9/15/2020-9/14/2023

Total Funding: \$90,515

Role: Principal Investigator<sup>1</sup>

Project: Household Risk Perceptions & Hazard Adjustments to an Emerging Techna Hazard: Earthquakes in Oklahoma

Source: National Science Foundation

Time Period: 5/1/2018-8/31/2023

Total Funding: \$340,570

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<sup>1</sup> Later moved to Co-PI (replaced by PI Tristan Wu) upon leaving the institution.

Role: Co-Principal Investigator (With Principal Investigator Elyse Zavar)  
Project: Exploring the Design and Implementation of Buyout Programs in Post-Disaster Settings  
Source: National Science Foundation  
Time Period: 8/1/2018-1/31/2020  
Total Funding: \$19,975

### **Other External Sponsors**

Role: Co-Principal Investigator (With Principal Investigator Lauren Clay)  
Project: Weather Ready Research: Risk Messaging During Syndemics  
Source: Weather Ready Research Program, Natural Hazards Center, University of Colorado at Boulder  
Time Period: 1/15/2021-12/1/2021  
Total Funding: \$7,500

Role: Co-Principal Investigator (With Principal Investigator Ronald Schumann)  
Project: From the ashes: mitigation policy after wildfire in California  
Source: Mitigation Matters Research Program, Natural Hazards Center, University of Colorado at Boulder  
Time Period: 12/1/2019-9/30/2021  
Total Funding: \$2,500

Role: Co-Principal Investigator (With Principal Investigator Haley Murphy)  
Project: Answering Catastrophe Initiative, Mission Driven Culture Questionnaire  
Source: International Association of Fire Chiefs  
Time Period: 9/1/2018-5/31/2019  
Total Funding: \$41,161

Role: Co-Principal Investigator (With Principal Investigator Sherri Brokopp Binder)  
Project: Exploring the Role of Implementing Agencies in Home Buyouts: Process, Equity, and Inclusion in Program Design and Implementation  
Source: Natural Hazards Center Quick Response Grant Program  
Time Period: 11/17/2017-5/31/2018  
Total Funding: \$1,805

Role: Principal Investigator  
Project: Answering Catastrophe Initiative, Mission Driven Culture Questionnaire  
Source: International Association of Fire Chiefs  
Time Period: 11/1/2017-3/31/2018  
Total Funding: \$19,116

Role: Senior Personnel (With Principal Investigator Sue McNeil)  
Project: Tracking Housing Recovery in Sea Bright, NJ, and the Relationship to Infrastructure Renewal  
Source: Center for Advanced Infrastructure and Transportation at Rutgers, a Tier 1 University Transportation Center  
Time Period: 9/1/2014-5/31/2015

Total Funding: \$21,267

Role: Senior Personnel (With Principal Investigator Sue McNeil)

Project: Understanding the Relationships between Household Decisions and Infrastructure

Investment in Disaster Recovery: Cases from Superstorm Sandy

Source: Center for Advanced Infrastructure and Transportation at Rutgers, a Tier 1 University  
Transportation Center

Time Period: 9/1/2013-8/31/2014

Total Funding: \$50,000

### **Oklahoma State University**

Role: Principal Investigator

Project: The Dynamics of Place Attachment in Disaster Recovery

Source: Dean's Incentive Grant Program, College of Arts and Sciences at Oklahoma State  
University

Time Period: 7/1/2017-6/30/2018

Total Funding: \$3,000

Role: Principal Investigator

Project: Adjustment to New Natural Hazards: Earthquake Mitigation in Oklahoma.

Source: Dean's Incentive Grant Program, College of Arts and Sciences at Oklahoma State  
University

Time Period: 7/1/2016-6/30/2017

Total Funding: \$3,000

### **PUBLISHED ABSTRACTS AND PRESENTATIONS AT SCHOLARLY CONFERENCES**

Zavar, E., Binder, S., **Greer, A.**, and Breaux, A. "Choice & Relocations: A comparative analysis of U.S. voluntary and mandatory buyouts." Poster presented at the FEMA Higher Education Symposium, June 5, 2023. Emmitsburg, MD.

Zavar, E., **Greer, A.**, and Binder, S. "The Role of Choice in Relocation: Historical Analysis of Voluntary and Mandatory Buyouts." Presented at the Association of American Geographers Annual Meeting, March 23-27, 2023. Denver, CO.

Li, Y., **Greer, A.**, and Wu, T. "Applying the Extended Parallel Process Model to Understand Households' Responses to Tornado and Earthquake Risks in Oklahoma." Presented at the Southern Political Science Association CWC: Disasters and Politics: The Politics of Multilevel Disasters, Recovery and Rebuilding, January 10-14, 2023. St. Pete's Beach, FL.

Clay, L., **Greer, A.**, Murphy, H., and Wu, T. "Greater household income protective against individual anxiety during dual hazards COVID-19 and Hurricane Laura." Presented at the Southern Political Science Association CWC: Disasters and Politics: The Politics of Multilevel Disasters, Recovery and Rebuilding, January 10-14, 2023. St. Pete's Beach, FL.

Huntsman, D., **Greer, A.**, Clay, L., Wu, T., and Murphy, H. “Responding to a Syndemic: Evacuation Decisions During Hurricane Laura.” Presented at the International Research Committee on Disasters Researchers Meeting, July 14, 2022. Virtual (COVID-19). (<https://hazards.colorado.edu/workshop/2022/abstract/researchers-meeting#responding-to-a-syndemic-evacuation-decisions-during-hurricane-laura>)

Li, Y., **Greer, A.**, Wu, T., and Huntsman, D. “Modeling Household Hazard Adjustment Intentions to Tornados and Techna Earthquakes in Oklahoma.” Poster presented at 47<sup>th</sup> Annual Natural Hazards Center Disasters Hazards Researchers Meeting, July 12, 2022. Virtual (COVID-19). (<https://hazards.colorado.edu/workshop/2022/abstract/poster-session#modeling-household-hazard-adjustment-intentions-to-tornados-and-techna-earthquakes-in-oklahoma>)

Zavar, E., **Greer, A.**, and Binder, S. “Hurricane Preparation: Buyout Programs and Eminent Domain.” Presented at the Southern Political Science Association CWC: Politics of Disasters, Resilience, and Recovery, January 13-15, 2022. San Antonio, TX.

Murphy, H., Wu, T., **Greer, A.**, and Clay, L. “How Do Different Predictors Influence Survivors’ Emotional Response? Hurricane Laura and COVID-19 Pandemic.” Presented at the Southern Political Science Association CWC: Politics of Disasters, Resilience, and Recovery, January 13-15, 2022. San Antonio, TX.

**Greer, A.**, Wu, T., and Murphy, H. “Does Etiology Matter? Exploring Attitudes Towards Tornado and Earthquake Hazards.” Presented at the International Research Committee on Disasters Researchers Meeting, July 15, 2021. Virtual (COVID-19). (<https://hazards.colorado.edu/workshop/2021/abstract/researchers-meeting#does-etiology-matter-exploring-attitudes-towards-tornado-and-earthquake-hazards>)

Boyle, C., Wu, T., **Greer, A.**, Murphy, H., and Clay, L. “Individual Emotional Responses During a Dual Threat of Hurricane and Pandemic.” Poster presented at 46<sup>th</sup> Annual Natural Hazards Center Disasters Hazards Researchers Meeting, July 11, 2021. Virtual (COVID-19). (<https://hazards.colorado.edu/workshop/2021/abstract/index/poster-session>)

Zavar, E., **Greer, A.**, and Binder, S. “The Consumption and (Re)Production of the Buyout Landscape: An Analysis of Visual Culture.” Presented at the At What Point Managed Retreat? Resilience, Relocation, and Climate Justice Conference, June 25, 2021. Virtual (COVID-19).

Huntsman, D., **Greer, A.**, Wu, T., and Waugh, N. “Basic and Complex Tornado Hazard Adjustment Intentions: An Expanded PMT Model Exploring College Students and the General Public.” Poster Presented at the FEMA’s 23rd Annual Emergency Management Higher Education Symposium, June 09, 2021. Virtual (COVID-19).

Mockrin, M., Schumann, R., Binder, S., and **Greer, A.** “From the Ashes: Recovery and Mitigation Policy After Wildfire in California.” Presented at the 16th International Wildland Fire Safety Summit & 6th Human Dimensions of Wildland Fire Virtual Conference. May 26, 2021. Virtual (COVID-19).

Wu, T., **Greer, A.**, Tarasoff, M., and Hung, T. “Earthquake Hazard Adjustment Differences between Communities.” Presented at the IV International Sociological Association (ISA) Forum of Sociology. February 23, 2021. Virtual (COVID-19).

(<https://isaconf.confex.com/isaconf/forum2020/meetingapp.cgi/Paper/113464>)

Huntsman, D., **Greer, A.**, Murphy, H., and Greco, L. “Adaptive Performance in the Fire Service: Empowerment at Multiple Leadership Levels.” Presented at the International Association of Fire Chiefs Fire Rescue International Annual Conference and Expo. October 19, 2020. Virtual (COVID-19).

Huntsman, D., **Greer, A.**, Murphy, H., and Greco, L. “Adaptive Performance in the Fire Service: Empowerment at Multiple Leadership Levels.” Presented at the International Research Committee on Disasters Researchers Meeting, July 16, 2020. Virtual (COVID-19).

(<https://hazards.colorado.edu/workshop/2020/researchers-meeting/how-can-we-improve-response-and-evacuation-decisions>)

**Greer, A.**, Wu, T., and Murphy, H. “Hazards in Oklahoma: Exploring the Relationship between Political Attitudes and Hazard Information Sources.” Presented at the Southern Political Science Association CWC: Politics of Disasters, Resilience, and Recovery, January 9-11, 2020. San Juan, PR.

Clay, L., **Greer, A.**, and King, D. “Food as an Opportunity for Bolstering Disaster Resilience: The social supportive nature of food and food response following Hurricane Florence.” Presented at the Southern Political Science Association CWC: Politics of Disasters, Resilience, and Recovery, January 9-11, 2020. San Juan, PR.

Huntsman, D., **Greer, A.**, and Murphy, H. “Leveraging Justice: How Leaders Influence Performance in the Fire Service.” Presented at the International Research Committee on Disasters Researchers Meeting, July 18, 2019. Broomfield, CO.

(<https://hazards.colorado.edu/workshop/2019/abstract/researchers-meeting#leveraging-justice-how-leaders-influence-performance-in-the-fire-service>)

Huang, T.J, Al-Zaher, R., Wu, T., Huntsman, D., and **Greer, A.** “College Students and Household Adjustment to Earthquake Hazards in Oklahoma.” Poster presented at 44<sup>th</sup> Annual Natural Hazards Center Disasters Hazards Researchers Meeting, July 14, 2019. Broomfield, CO.

(<https://hazards.colorado.edu/workshop/2019/abstract/poster-session>)

Huntsman, D., **Greer, A.**, and Murphy, H. “Answering the Bell: Leadership, Decision Making, and Organizational Culture in United States Fire Departments.” Poster presented at 44<sup>th</sup> Annual Natural Hazards Center Disasters Hazards Researchers Meeting, July 14, 2019. Broomfield, CO.

(<https://hazards.colorado.edu/workshop/2019/abstract/poster-session>)

Chang, R., **Greer, A.**, Murphy, H., and Wu, T. “Maintaining the Status Quo: Understanding Local Use of Resilience Strategies to Address Earthquake Risk in Oklahoma.” Poster presented at 44<sup>th</sup> Annual Natural Hazards Center Disasters Hazards Researchers Meeting, July 15, 2019. Broomfield, CO.

(<https://hazards.colorado.edu/workshop/2019/abstract/poster-session>)

**Greer, A.,** Wu, T., and Murphy, H. “A tale of two cities: Household adjustment to seismicity in Oklahoma.” Presented at the 4th Northern European conference on Emergency and Disaster Studies, June 10-12, 2019. Uppsala, Sweden.

(<https://needs2019.files.wordpress.com/2019/06/needs-2019-schedule-order-of-presentations-1.pdf>)

Binder, S.B., **Greer, A.,** and Zavar, E. “Competing priorities: The implications of home buyout programs in mitigation and recovery.” Presented at the 4th Northern European conference on Emergency and Disaster Studies, June 10-12, 2019. Uppsala, Sweden.

(<https://needs2019.files.wordpress.com/2019/06/needs-2019-schedule-order-of-presentations-1.pdf>)

King, D., Clay, L., **Greer, A.,** and Slotter, R. “Hurricane Florence: Impacts on Household Food and Meals.” Poster presentation at the New York State Academy of Nutrition and Dietetics Annual Meeting, April 5-6, 2019. Syracuse, NY.

(<https://nysda.memberclicks.net/assets/2019AME/Poster%20Session%20Abstracts.pdf>)

Delatte, N. and **Greer, A.** “Earthquakes in Oklahoma—Adapting to a New Reality.” Presented at the Eighth Congress on Forensic Engineering, December 2, 2018. Austin, Texas.

(<https://ascelibrary.org/doi/10.1061/9780784482018.090>)

Huntsman, D. and **Greer, A.** “Antecedents of Trust in Leadership: A Multi-Level Perspective in the Fire Service.” Presented at the International Association of Fire Chiefs Fire Rescue International Annual Conference and Expo, August 7, 2018. Dallas, Texas.

Clay, L. and **Greer, A.** “Association between Long-Term Stressors and Mental Health Distress Following the Moore, 2013 Tornadoes: A Pilot Study.” Presented at the XIX International Sociological Association (ISA) World Congress of Sociology, July 20, 2018. Toronto, Canada.

(<https://isaconf.confex.com/isaconf/wc2018/webprogram/Paper102649.html>)

Thiel, A., Binder, S.B., **Greer, A.,** Nejat, A., and Jamali, M. "Reimagining Place: Toward an Understanding of Place Attachment in the Context of Disasters." Presented at the 20th Annual Emergency Management Higher Education Symposium, June 6, 2018. Emmitsburg, MD.

Chang, R., **Greer, A.,** Murphy, H., and Wu, T. "Barriers to Preparing for Earthquakes: Addressing the Newfound Risk in Oklahoma." Presented at the 20th Annual Emergency Management Higher Education Symposium, June 6, 2018. Emmitsburg, MD.

Schumann, R., Binder, S.B., and **Greer, A.** “Persistence of Memory: The Conflicting Roles of Place Attachment in Post-Disaster Recovery and Mitigation.” Paper presented at the Association of American Geographers Annual Meeting, April 12, 2018. New Orleans, Louisiana.

(<https://aag.secure-abstracts.com/AAG%20Annual%20Meeting%202018/abstracts-gallery/11392>)

**Greer, A.,** Wu, T., and Murphy, H. “A Serendipitous, Quasi-Natural Experiment: Earthquake Risk Perceptions and Hazard Adjustments Among College Students.” Presented at the 3rd

Northern European conference on Emergency and Disaster Studies, March 21-23, 2018. Amsterdam, the Netherlands.

Clay, L., **Greer, A.**, and Kendra, J. “Timeless Disaster Studies: Disaster Research in Xenia, Ohio.” Presented at the 3rd Northern European conference on Emergency and Disaster Studies, March 21-23, 2018. Amsterdam, Netherlands.

Chang, R., **Greer, A.**, Murphy, H., and Wu, T. “Challenges Managing a New Hazard: Earthquake Mitigation and Preparedness in Oklahoma.” Presented at the Southern Political Science Association CWC: Emergency Management, Disaster, and Politics, January 4-6, 2018. New Orleans, LA.

Wu, T., **Greer, A.**, Murphy, H., and Chang, R. “Preparing for the New Normal: Students and Earthquake Hazard Adjustments in Oklahoma.” Presented at the Michael K. Lindell Hazards Researchers Workshop, July 13, 2017. Seattle, WA.

**Greer, A.**, Wu, T., Murphy, H., and Chang, R. “Community Risk Perceptions and Hazard Adjustment Adoption in Response to Induced Seismicity in Oklahoma.” Poster presented at 42<sup>nd</sup> Annual Natural Hazards Center Disasters Hazards Researchers Meeting, July 9-12, 2017. Broomfield, CO. (<https://hazards.colorado.edu/workshop/2017/abstract/poster-session>)

Ventura, D., Clay, L., and **Greer, A.** “The Influence of Resource Loss, Debt, and Health on Disaster Recovery from the Moore, Oklahoma 2013 Tornadoes.” Poster presented at 42<sup>nd</sup> Annual Natural Hazards Center Disasters Hazards Researchers Meeting, July 9-12, 2017. Broomfield, CO. (<https://hazards.colorado.edu/workshop/2017/abstract/poster-session>)

Murphy, H., Wu, T., **Greer, A.**, and Chang, R. “The Role of Individual Belief in Government’s Ability to Prevent Disasters on Household Preparedness.” Presented at the Midwest Political Science Association Meeting, April 6, 2017. Chicago, IL.

Binder, S.B. and **Greer, A.** “All of These Things Are Not Like the Other Ones: Home Buyout Design and Experience.” Presented at the Midwest Political Science Association Meeting, April 6, 2017. Chicago, IL.

Murphy, H., **Greer, A.**, Wu, T., and Chang, R. “Roundtable Discussion on Oklahoma Disasters.” Panelist at the Oklahoma Political Science Association Annual Meeting. November 10, 2016. Oklahoma City, OK.

Jamali, M., Nejat, A. **Greer, A.**, and Binder, S.B. “Community Recovery Concerns after the 2013 Moore, OK Tornado: A Latent Class Analysis.” Presented at the International Research Committee on Disasters Researchers Meeting, July 14, 2016. Broomfield, CO. (<https://hazards.colorado.edu/workshop/2016/abstract/ircd-abstract>)

Nejat, A., **Greer, A.**, and Binder, S.B. “Household Residential Decision-making After the 2013 Moore Tornado: An Exploration of the Drivers of Relocation.” Poster presented at 41<sup>st</sup> Annual

Natural Hazards Center Disasters Hazards Researchers Meeting, July 10-13, 2016. Broomfield, CO. (<https://hazards.colorado.edu/workshop/2016/abstract/poster-session>)

**Greer, A.** and Trainor, J. “A System Disconnected: Perspectives on Post Disaster Housing Recovery Policy and Programs.” Presented at the 3<sup>rd</sup> Emergency Management Theory and Research Workshop, June 6, 2016. Emmitsburg, MD.

**Greer, A.** and Binder, S.B. “What Sticks? A Typology for Classifying and Assessing Home Buyout Programs.” Presented at the 3<sup>rd</sup> Emergency Management Theory and Research Workshop, June 6, 2016. Emmitsburg, MD.

**Greer, A.** “Issues in Disaster Recovery II: Household and Community Recovery.” Panelist at 40<sup>th</sup> Annual Natural Hazards Center Disasters Hazards Researchers Meeting, July 19-22, 2015. Broomfield, CO.

**Greer, A.,** McNeil, S., Trainor, J., Jahan, I., and Mininger, K. “Understanding the Relationships between Household Decisions and Infrastructure Investment in Disaster Recovery: Cases from Superstorm Sandy.” Poster presented at the Research Showcase in Dover, DE for the Center for Advanced Infrastructure and Transportation, University Transportation Center. May 5, 2015. Dover, DE.

**Greer, A.,** McNeil, S., and Trainor, J. “Household Residential Decision-Making in the Wake of Disaster: Cases from Hurricane Sandy.” Presented at University of Delaware as a part of the seminar series for the Center for Advanced Infrastructure and Transportation, University Transportation Center. December 1, 2014. Newark, DE.

Clay, L., **Greer, A.,** and Kendra, J. “Then and Now: A New Look at Methods and Findings from the 1974 Xenia, Ohio (US) Tornadoes.” Presented at the XVIII International Sociological Association (ISA) World Congress of Sociology, July 19, 2014. Yokohama, Japan. (<https://isaconf.confex.com/isaconf/wc2014/webprogram/Paper44896.html>)

**Greer, A.,** McNeil, S., Trainor, J., and Jahan, I. “Understanding the Relationships between Household Decisions and Infrastructure Investment in Disaster Recovery: Cases from Superstorm Sandy.” Presented at the International Research Committee on Disasters Researchers Meeting, June 26, 2014. Broomfield, CO. (<https://hazards.colorado.edu/archive/workshop/2014/abstracts/ircd.html#greer1>)

**Greer, A.,** McNeil, S., Trainor, J., and Jahan, I. “Understanding the Relationships between Household Decisions and Infrastructure Investment in Disaster Recovery: Cases from Superstorm Sandy.” Poster presented at 39<sup>th</sup> Annual Natural Hazards Center Disasters Hazards Researchers Meeting, June 22-26, 2014. Broomfield, CO. (<https://hazards.colorado.edu/archive/workshop/2014/abstracts/poster.html#greer>)

**Greer, A.** “Should I Stay or Should I Go Now? A Review of Household Decision Making.” Presented at the Emergency Management Theory Workshop as part of the 16th Emergency



Management Higher Education Symposium Education at the Emergency Management Institute. June 2, 2014. Emmitsburg, MD.

**Greer, A.,** McNeil, S., Trainor, J., and Jahan, I. “Understanding the Relationships between Household Decisions and Infrastructure Investment in Disaster Recovery: Cases from Superstorm Sandy.” Poster presented at the Research Showcase in Dover, DE for the Center for Advanced Infrastructure and Transportation, University Transportation Center. May 7, 2014. Dover, DE.

**Greer, A.** “Up Close and in Context: Disaster Case Studies: *Deepwater Horizon*.” Working session presentation at University of Delaware Disaster Research Center 50<sup>th</sup> Anniversary Workshop. May 1, 2014. Newark, DE.

**Greer, A.,** McNeil, S., Trainor, J., and Jahan, I. “Understanding the Relationships between Household Decisions and Infrastructure Investment in Disaster Recovery: Cases from Superstorm Sandy” Poster presented at University of Delaware Disaster Research Center 50<sup>th</sup> Anniversary Workshop. April 30-May 3, 2014. Newark, DE.

**Greer, A.,** Clay, L., and Kendra, J. “Successful Failure: Responding to Disaster Mental Health Needs Following Disaster.” Poster presented at University of Delaware Disaster Research Center 50<sup>th</sup> Anniversary Workshop. April 30-May 3, 2014. Newark, DE.

**Greer, A.** and Clay, L. “Successful Failure: Responding to Disaster Mental Health Needs Following Disaster.” Presented at 4<sup>th</sup> Annual Graduate Student Forum, April 24, 2014. Newark, DE.

**Greer, A.,** McNeil, S., and Trainor, J. “Understanding the Relationships between Household Decisions and Infrastructure Investment in Disaster Recovery: Cases from Superstorm Sandy.” Presented at University of Delaware as a part of the seminar series for the Center for Advanced Infrastructure and Transportation, University Transportation Center. March 24, 2014. Newark, DE.

**Greer, A.** and Best, E. “Size Doesn’t Matter: The Complicated Relationship Between National Offshore Oil Spill Events, Framing, and Policy.” Presented at the International Research Committee on Disasters Researchers Meeting, July 17, 2013. Broomfield, CO.

**Greer, A.,** Clay, L., Gill, K., and Kendra, J. "Disaster Mental Health Response: Lessons Learned From a Case Study of the 1974 Xenia Tornadoes." Poster presented at the 38<sup>th</sup> Annual Natural Hazards Workshop, July 13-16, 2013. Broomfield, CO.

**Greer, A.** and Clay, L. “Disaster Mental Health Response: A Case Study of the Xenia Tornadoes of 1974.” Presented at 3<sup>rd</sup> Annual Graduate Student Forum, May 9, 2013. Newark, DE.

**Greer, A.** "Oil Spill Events: Prominent Frames and Policy Implications." Presented at 7th Annual Sociology & Criminal Justice Graduate Student Conference, April 12, 2013. Newark, DE.

**Greer, A.** and Best, E. "Framing and GDP: Investigating the Relationship Between State Reliance on Oil and Policy Resulting Following Spills." Presented at the International Research Committee on Disasters Researchers Meeting, July 18, 2012. Broomfield, CO.

**Greer, A.** "The Tohoku Catastrophe: Volunteers and Non-Profit Organizations in Post-Kobe Japan." Poster Presented at the 37<sup>th</sup> Annual Natural Hazards Workshop, July 14-16, 2012. Broomfield, CO.

**Greer, A.** "The Tohoku Catastrophe: Volunteers and Non-Profit Organizations in Post-Kobe Japan." Poster Presented at the EERI/NSF Workshop on the Japan and New Zealand Earthquakes, February 10, 2012. Arlington, VA.

**Greer, A.** "Earthquake Preparedness and Response: A Comparison of the United States and Japan." Presented at the Northeast Conference on Public Administration (NECoPA) Meeting, October 28, 2011. New York, NY.

**Greer, A.** "Earthquake Preparedness and Response: A Comparison of the United States and Japan." Presented at the International Research Committee on Disasters Researchers Meeting, July 13, 2011. Broomfield, CO.

## **INVITED PRESENTATIONS**

**Greer, A.** "All Mitigation is Local: Navigating Resources, Timing, and Community Impacts in Home Buyouts." Invited talk for the National Association of Counties, Resilient Counties Advisory Board Meeting, May 26, 2023. Virtual.

**Greer, A.** "Decision-making during a syndemic: evacuation and sheltering in response to Hurricane Laura." Invited talk for the Society of Risk Analysis Webinar, September 29, 2022. Virtual.

**Greer, A.** "Landscapes in Transition: Home Buyouts and Climate-Induced Mobility." Keynote at Jacksonville State University D.Sc. Integrative Seminar 2022: Emergency Management at a Crossroads, August 8, 2022. Jacksonville, AL.

Clay, L. **Greer, A.**, Murphy, H., and Wu, T. "Risk Messaging During Syndemics: Hurricane Laura and COVID-19." Presented at the Weather Ready Research Webinar Hosted by the Natural Hazards Center at the University of Colorado at Boulder, April 13, 2022. Digital. (<https://hazards.colorado.edu/research/weather-ready-research/webinar>)

**Greer, A.** and Binder, S. "From Hazard Mitigation to Climate Adaptation: A Review of Home Buyout Program Literature." Presented for a team at the New York City Mayor's Office of Resiliency, June 3, 2021. Digital (COVID-19).

**Greer, A.** “The Opportunities and Challenges of Implementing Buyouts.” Panelist for the Making Mitigation Work Webinar Series Hosted by the Natural Hazards Center at the University of Colorado at Boulder, December 8, 2020. Digital (COVID-19). (<https://hazards.colorado.edu/training/webinars/opportunities-and-challenges-associated-with-implementing-buyouts>)

**Greer, A.** “Understanding the Participant Perspective.” Panelist at the Building Better Buyouts Workshop October 28, 2019. Chapel Hill, NC.

Tremayne, H., Taylor, J., and **Greer, A.** “Learning from Earthquakes (LFE): 2016 Cushing Oklahoma Earthquakes.” Presented at the National Earthquake Program Managers Meeting April 26, 2017. Oklahoma City, OK.

## **TEACHING**

### **Graduate Courses Taught, University at Albany**

INF710 – Research Design (S20, S22).  
IST608 – Research Methods (F19, S20, F20).

### **Undergraduate Courses Taught, University at Albany**

EHC391 – Research Internship Emergency Preparedness, Homeland Security, & Cybersecurity (F19)  
EHC345 – Leadership and Ethics (F18, S19, F19).

### **Graduate Courses Taught, Oklahoma State University**

POLS5013 – Introduction to Fire and Emergency Management (SU17).  
POLS5383 – Disaster Recovery (S17).  
POLS6013 – Qualitative Methods for Fire and Emergency Management (S16, S17, S18).  
POLS5103 – Research Design (F16, F17).  
POLS6313 – Disaster Mitigation (F15, F16, F17<sup>2</sup>, SU18).

### **Undergraduate Courses Taught, Oklahoma State University**

POLS3763 – Emergency Management: Recovery and Mitigation (S18).

## **Doctoral Dissertation Committees**

Mellena Nichols (2022), Oklahoma State University. **Member.**  
Nora Schwaller (2022), *Migration patterns and household adaptation dynamics in response to hurricanes, floods, and sea level rise.* University of North Carolina at Chapel Hill. **Member.**  
Steven Haynes (2022), *Thrive or survive? A critical evaluation of the moderated mediating effects of job resources on employee psychological well-being leading to the intention-to-quit.* Oklahoma State University. **Member.**

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<sup>2</sup> Taught at the Korean National Fire Service Academy

David Huntsman (2021), *Adaptive Performance in the Fire Service: The Role of Empowerment Practices/Procedures, Leadership Behaviors, and Tempo Balance*. Oklahoma State University. **Member.**

Rawan Tawalbeh (2021), *Role Conflict Among EMS Personnel and Their Willingness to Report to Duty During Disasters*. Oklahoma State University. **Member.**

Hannah Vick (2020), *Government Disaster Assistance: An Exploration of Expectations*. Oklahoma State University. **Member.**

Kevin Johnson (2019), *Twisters in Two Cities: Structural Ritualization Theory and Disasters*. Oklahoma State University. **Member.**

Bob Scudder (2016), *Conditions Affecting Rural Fire Department Preparedness for Chemical Disasters in Northeast Oklahoma: a Case Study*. Oklahoma State University. **Member.**

### **Master's Thesis Projects, Field Placements and Internships**

Sarah Beattie (2021), *The Effect of Global Warming on US Coastal Communities*. University at Albany. **Member.**

Jared Karns (2018), *Socio-Technical Transitions: The Role of Municipal Electric Utilities in Sustainable Energy Transitions*. Oklahoma State University. **Chair.**

Martinus Alcantara (2018), *The Character of Terrorism: A Cultural Perspective*. Oklahoma State University. **Member.**

Jacob Deflitch (2018), *Twitter Narratives During Hurricane Matthew: Evaluation of Immediate Disaster Stages*. Oklahoma State University. **Member.**

Cheolmin Jeong (2018), *Does Experiential Live-Fire Training Exercise Improve Firefighting Readiness?* Oklahoma State University. **Member.**

Jason Lovitz (2018), *PTSD and Coping Mechanisms in the Fire Service*. Oklahoma State University. **Member.**

### **SERVICE**

#### **University at Albany, Department of Emergency Management and Homeland Security**

**Founding Department Chair, 2022-Present**

#### **University at Albany, College of Emergency Preparedness, Homeland Security and Cybersecurity**

**Member**, Grievance Committee, 2022-Present

**Member**, Search Committee for Director of Applied Learning, 2022

**Interim Associate Dean for Faculty Development**, 2021-2022

**Program Coordinator**, Emergency Preparedness and Homeland Security, 2020-2022

**Member**, Outreach and Philanthropy Committee, 2021-2022

**Member**, Program Assessment Committee, 2020-2021

**Member**, College Climate Committee, Fall 2020

**Chair**, Undergraduate Curriculum Committee, Spring 2020

**Chair**, College Climate Committee, Spring 2020

**Course lead**, INF200 and EHC310, 2019-2020

**Member**, Emergency Preparedness Master of Science Committee, 2018-2022

**Member**, Undergraduate Curriculum Committee, 2018-2019

## **Service to the University at Albany**

**Member**, Strategic Enrollments Management Council (SEMC), 2022-Present  
**Member**, Council on Promotions and Continuing Appointments (CPCA), 2021-Present  
**Member**, NYS COVID-19 Minority Health Disparities Study Workgroup, 2020-Present  
**Member**, SUNY Academic Continuity Workgroup – Undergraduate Academics, 2020  
**Member**, SUNY Digital Learning Environment Team, 2020  
**Member**, Online Teaching and Learning Committee, 2018-2020

## **Oklahoma State University, Department of Political Science**

**Chair**, Scholarship Committee, 2017-2018  
**Member**, Fire and Emergency Management Administration Program Graduate Committee, 2017-2018  
**Member**, Comparative Politics Professor Search Committee, 2017  
**Co-Advisor**, International Association of Emergency Managers Student Chapter, 2016-2018  
**Co-Chair**, Scholarship Committee, 2016-2017  
**Member**, Fire and Emergency Management Administration Program Thesis/Practicum Committee, 2016-2017  
**Member**, Newsletter Committee, 2016-2018  
**Member**, Fire and Emergency Management Program Admissions Committee, 2015-2018  
**Member**, Scholarship Committee, 2015-2016  
**Member**, American Politics Professor Search Committee, 2015

## **Oklahoma State University, College of Arts and Sciences**

**Reviewer**, FY19 Fall Travel Proposals, 2018  
**Member**, Arts and Sciences Scholarship Committee, 2017-2018

## **Service to Oklahoma State University**

**Member**, Termination Hearing Board, 2017-2018  
**Member**, Student Conduct Committee, 2017-2018

## **Professional Service**

**Associate Editor**, *Natural Hazards Review*, 2021-Present  
**Book Review Editor**, *International Journal of Mass Emergencies and Disasters*, 2019-Present  
**Editorial Board Member**, *Risk, Hazards and Crisis in Public Policy*, 2018-Present  
**Guest Editor**, *Natural Hazards Review*, 2018-2021

**Invited Participant**, Science and Resilience Tour, Dr. Lucy Jones Center for Science and Society, 2023

**Invited Participant**, Effective Property Buyout Programs to Reduce Flood Risk in a Changing Climate, Canada, 2022

**Advisory Board Member**, Open Space Management Guide, 2022

**Moderator**, International Researchers Committee on Disasters Meeting, 2022  
**Session Organizer**, International Sociological Association, 2021<sup>3</sup>  
**Data Ambassador**, National Science Foundation-supported CONVERGE, 2020  
**Moderator**, Natural Hazards Workshop, 2020  
**Discussant**, Southern Political Science Association CWC: Politics of Disasters, Resilience, and Recovery, 2020  
**Moderator**, Resilience In Sustainable rEconstruction (RISE) Conference, 2019  
**Co-convener**, Panel at the 4th Northern European Conference on Emergency and Disaster Studies, 2019  
**Member**, FEMA Special Interest Group on Theory and Research, 2018-Present  
**Co-organizer**, 2018 IAFC/OSU Research Symposium, held at the International Association of Fire Chiefs Fire Rescue International Annual Conference and Expo, 2018  
**Discussant**, 3rd Northern European Conference on Emergency and Disaster Studies, 2018  
**Discussant**, Southern Political Science Association CWC: Emergency Management, Disaster, and Politics, 2018  
**Participant**, FEMA Convened Disciplinary Focus Group and American Educational Research Association Conference, 2017  
**Participant**, FEMA Convened Disciplinary Focus Group, 2015

**Reviewer**, Texas OneGulf proposals, 2022-Present  
**Reviewer**, *Population and Environment*, 2022  
**Reviewer**, *Water Resources Research*, 2021-Present  
**Reviewer**, *Risk Analysis*, 2021-Present  
**Reviewer**, *Journal of Planning Literature*, 2021-Present  
**Reviewer**, *Environmental Conservation*, 2020-Present  
**Reviewer**, *Journal of Environmental Management*, 2020-Present  
**Reviewer**, *Safety Science*, 2020-Present  
**Reviewer**, *Political Geography*, 2020-Present  
**Reviewer**, Oak Ridge Associated Universities Ralph E Powe Junior Faculty Enhancement Awards, 2020  
**Reviewer**, *Environmental Hazards*, 2019-Present  
**Reviewer**, *Population, Space, and Place*, 2019-Present  
**Reviewer**, *International Journal of Disaster Risk Reduction*, 2018-Present  
**Reviewer**, *Natural Hazards Review*, 2018-Present  
**Reviewer**, *Risk, Hazards, and Crisis in Public Policy*, 2018-Present  
**Reviewer**, *Climatic Change*, 2017-Present  
**Reviewer**, *Housing Policy Debate*, 2017-Present  
**Reviewer**, *Journal of Infrastructure Systems*, 2017-Present  
**Reviewer**, *Routledge Press*, 2017-Present  
**Reviewer**, National Science Foundation ad hoc reviewer, 2016-Present  
**Reviewer**, *Environment and Behavior*, 2016-Present  
**Reviewer**, *Journal of Homeland Security and Emergency Management*, 2016-Present  
**Reviewer**, *Natural Hazards*, 2016-Present  
**Reviewer**, *International Journal of Mass Emergencies and Disasters*, 2015-Present

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<sup>3</sup> Organized but did not attend due to COVID-19

## **PROFESSIONAL DEVELOPMENT**

2022-2023 - University at Albany Leadership Academy  
2022 - The Chronicle's Strategic-Leadership Program for Department Chairs  
2021 - American Association for the Advancement of Science (AAAS) Science Communication, Engaging the Media, Engaging through Social Media, Engaging Policymakers, Engaging Faith Communities (13 hours)

## **PROFESSIONAL AFFILIATIONS**

Southern Political Science Association. 2018-Present.  
International Sociological Association (ISA), 2017-Present.  
ISA Research Committee: Sociology of Disasters, 2017-Present.  
American Educational Research Association, 2017.  
Midwest Political Science Association, 2017.  
Earthquake Engineering Research Institute, 2015.  
International Association of Emergency Managers, 2010-2015.