

Alex Greer
 University of South Carolina
 Director, Hazards Vulnerability and Resilience Institute
 Professor of Geography
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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. (Chair: 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. (Chair: 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. (Chair: Chris Gregg, Ph.D.)

EDUCATIONAL EMPLOYMENT

- 2026-Present **Director**, Hazards Vulnerability and Resilience Institute
- 2026-Present **Professor of Geography**, Department of Geography, University of South Carolina
- 2025-2026 **Associate Dean for Faculty Development**, College of Emergency Preparedness, Homeland Security, and Cybersecurity, State University of New York at Albany
- 2022-2024 **Founding Department Chair**, Emergency Management and Homeland Security Department, 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 Program, State University of New York at Albany
- 2020-2026 **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

PUBLICATIONS (*indicates student co-author)

Peer Reviewed Articles

Binder, S., Zavar, E., **Greer, A.**, Martina, J., Nelan, M., Islam, A. *, Sharma, P. *, Brennan, E. *, Herberger, R. *, O'Connor, C. * (Accepted) "Cycle of Displacement: The interconnected experiences of homelessness, household buyouts, and flood risk." *Frontiers in Climate*.

Greer, A., Islam, A. *, Binder, S.B., Schumann, R., and Mockrin, M. (2026) "'There's a lot of life in a dead tree': Attachment, loss, and the permeation of place through wildfire recovery in Northern California." *Journal of Environmental Psychology*. 113(103134), 1-12.

Clarke, A. *, Zavar, E., Binder, S.B., and **Greer, A.** (2026) "Crime on Post-Buyout Open Space: Resident Perceptions versus Reported Events." *The Professional Geographer*. 78(1), 14-25.

Schwaller, N., BenDor, T., **Greer, A.**, and Berke, P. (2025) "Migration due to floodplain buyouts mimics general post-disaster migration patterns." *Climate Risk Management*. 48 (100715), 1-18.

Niazi, S. *, Zavar, E., **Greer, A.**, and Binder, S.B. (2025) "The Influence of Power on Post-Buyout Land Management Practices." *Histories*. 5(14), 1-21.

Schumann, R., Mockrin, M., Balachandran, B., Binder, S.B., and **Greer, A.** (2025) "Flashpoints Between Wildfire Recovery & Mitigation in Northern California." *International Journal of Disaster Risk Reduction*. 119(105270), 1-17.

Wu, T., Murphy, H., **Greer, A.**, and Clay, L. (2024) "Evacuate or Social Distance? Modeling the Influence of Threat Perceptions on Hurricane Evacuation in a Dual-Threat Environment." *Risk Analysis*. 44(3), 724-737.

Li, Y., Clay, L., Murphy, H., Wu, T., and **Greer, A.**, (2024) "When Do Households Evacuate? Hurricane Evacuation Timing During the COVID-19 Pandemic." *Environmental Hazards*. 23(5), 506-526.

Greer, A., Murphy, H., Wu, T., and Clay, L. (2024) "Navigating Dual Hazards: Managing Hurricane Evacuation and Sheltering Operations Amidst COVID-19." *International Journal of Disaster Risk Reduction*. 112(104773), 1-14.

Otal, H. *, Zavar, E., Binder, S.B., **Greer, A.**, and Canbaz, A. (2024) "Harnessing Deep Learning and Satellite Imagery for Post-Buyout Land Cover Mapping." IEEE Conference on Artificial Intelligence. 665-671. Nominated for the Best Paper Award.

Li, Y., **Greer, A.**, and Wu, T. (2024) "Applying Extended Parallel Process Model to Understand Households' Responses to Tornado and Earthquake Risks in Oklahoma." *Risk Analysis*. 44(2), 408-424.

Binder, S.B., Baker, C., Ritchie, L., Barile, J., and **Greer, A.** (2023) ““Upheaval”: Unpacking the Dynamic Balance Between Place Attachment and Social Capital in Disaster Recovery.” *Journal of Community Psychology*. 72(3-4), 378-394.

Zavar, E., **Greer, A.**, Binder, S.B., and Niazi, S.* (2023) “The Expression of Visual Culture on Flood Buyout Landscapes, Harris County, TX.” *GeoJournal*. 88, 5287-5304.

Huntsman, D., **Greer, A.**, Murphy, H., and Li, D. (2023) “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*. 46(15), 1106-1121.

Dascher, E., Zavar, E., **Greer, A.**, and Binder, S.B. (2023) “Biophilia as Climate Justice for Post-Buyout Land Management.” *Applied Geography*. 158, 103046.

Greer, A., Huntsman, D., Wu, T., Murphy, H., and Clay, L. (2023) “Household Hurricane Evacuation During a Dual-Threat Event: Hurricane Laura and COVID-19.” *Transportation Research Part D: Transport and Environment*. 121, 103720.

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 Determinants 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

Greer, A., Zavar, E., and Binder, S.B. (Forthcoming) “Attachment to Place to Ease Losses in Place: Planning for Relocation Before Disaster.” *Living in Anticipation of Disastrous Futures and Everyday Processes of Disaster Risk Creation*, edited by Reidar Staupe and Monika Gabriela Bartoszewicz. World Safety Professionals Council (WSPC).

Syphard, A., Islam, A.*, **Greer, A.**, and Keeley, J. (2025) “Wildfires: Firestorms, Smoke, and Unintended Consequences.” *U.S. Emergency Management in the 21st Century: From Disaster to Catastrophe*, edited by Susan L. Cutter, Melanie Gall, and Claire B. Rubin. Routledge.

Li, Y., **Greer, A.**, and Wu, H.C. (2024). “Induced Seismicity in the Social Sciences.” In *The Encyclopedia of Technological Hazards and Disasters in the Social Sciences*, edited by D.A. Gill, L.A. Ritchie, and N. Campbell. (pp. 384-389). London: Edward Elgar.

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

Li, Y., **Greer, A.**, and Wu, T. “Can College Students Speak for Households? A Comparison of Hazard Adjustments and Influencing Factors for Tornadoes and Induced Earthquakes in Oklahoma.”

Work in Progress

Wu, T., Li, Y., and **Greer, A.** (Revise and resubmit) “The Role of Incentives in Survey Response Rates Among Disaster-Affected Populations.”

Schumann, R., Snyder, M., **Greer, A.**, Islam, A.*, Binder, S.B., and Mockrin, M. “Drivers of Relocation Decisions in a Post-Wildfire Context.”

Mockrin, M., Schumann, R., **Greer, A.**, Islam, A.*, and Binder, S.B. “Protection Motivation Theory and Wildfire Adjustment.”

Binder, S.B., Mockrin, M., Islam, A.*, **Greer, A.**, and Schumann, R. “We can and we must: Policy recommendations for improving wildfire recovery for affected households and communities.”

Editor Reviewed Commentaries

Greer, A., Binder, S.B., and Zavar, E. (2025). “Gift or Hardship: A Proposed Reframing of Home Buyout Programs in the U.S.”. *International Journal of Mass Emergencies and Disasters*. 43(3), 53-59. <https://doi.org/10.1177/02807270251397346>

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.

Media Appearances

News Journal, The New York Times (New York, New York), 2025.

(<https://www.nytimes.com/2025/08/22/well/disaster-plan-prep-hurricane-fire.html>)

Radio, National Public Radio (Washington, D.C.) – The Academic Minute – Alex Greer, University at Albany – Improving the Home Buyout Process, 2025.

(<https://academicminute.org/alex-greer-university-at-albany-improving-the-home-buyout-process/>)

Online Magazine, Knoxville News Sentinel (Knoxville, TN), 2024.

(<https://www.knoxnews.com/story/news/environment/2024/10/09/best-resources-for-emergency-alerts-in-east-tennessee-after-hurricane-helene-flooding/75485514007/>)

Online Magazine, Grist (Seattle, WA), 2024. (<https://grist.org/extreme-weather/texas-flooding-houston-buyouts-san-jacinto-river/>)

Online Magazine, GovTech (Folsom, CA), 2024.

(<https://www.govtech.com/em/preparedness/students-look-into-the-future-of-ai-in-disaster-response>)

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.asionline.org/Pages/Revisiting-Response.aspx>)

GRANT AND CONTRACT FUNDING (*indicates student PI or co-PI)

Federal

National Science Foundation (SES-DRMS 2519827). 2025-2026. Doctoral Dissertation Research: Drivers of Residential Decisions After Disasters. Role: Principal Investigator. \$30,000.

National Science Foundation (SES-DRMS 2446786). 2025-2027. Collaborative Research: The Temporal Dynamics of Household Flood Adjustment Behaviors. Role: Co-Principal Investigator (With Principal Investigator Tristan Wu). \$609,101.

National Science Foundation (GEO-RISE 2408959). 2025-2027. DISES-EX: Integrating ecosystem services and stakeholder preferences to improve outcomes on post-buyout land. Role: Co-Principal Investigator (With Principal Investigator Elyse Zavar). \$738,000.

National Science Foundation (SES-DRMS 2420022). RAPID: Immediate Responses during a Major Nighttime Tsunami Event. Role: Co-Principal Investigator (With Principal Investigator Tristan Wu). \$94,987.

National Science Foundation (Supplement to CMMI-HDBE 2135440). 2024-2026. Collaborative Research: Early-Stage Housing Recovery Decisions After the Lahaina Fire. Role: Principal Investigator. \$59,939.

Pacific Northwest National Laboratory. 2024. Emergency Management of Tomorrow Research (EMOTR) Program Support. Role: Principal Investigator. \$140,923.

National Science Foundation (CMMI-HDBE 2135440). 2022-2026. Collaborative Research: Place Attachment in Mitigation and Recovery: A Mixed Methods Study of Residential Adjustment Following Wildfires. Role: Principal Investigator. \$299,825.

National Science Foundation (CMMI-HDBE 2051578). 2020-2023. RAPID: Understanding Evacuation, Sheltering, and Reentry decisions during the Dual Threat of Hurricane and the COVID-19 Pandemic. Role: Co-Principal Investigator (With Principal Investigator Tristan Wu). \$90,515.

National Science Foundation (CMMI-HDBE 2038637). 2018-2023. Household Risk Perceptions & Hazard Adjustments to an Emerging Techna Hazard: Earthquakes in Oklahoma. Role: Principal Investigator¹. \$340,570.

National Science Foundation (CMMI-HDBE 1844351). 2018-2020. RAPID: Exploring the Design and Implementation of Buyout Programs in Post-Disaster Settings. Role: Co-Principal Investigator (With Principal Investigator Elyse Zavar). \$19,975.

Other External Sponsors

National Low Income Housing Coalition. 2026-2027. Barriers to Renter Return After Disasters: Lessons from Lahaina. Role: Co-Principal Investigator (With Principal Investigator Jade Moreno). \$25,000.

Natural Hazards Center, University of Colorado at Boulder (Weather Ready Research Program). 2021. Weather Ready Research: Risk Messaging During Syndemics. Role: Co-Principal Investigator (With Principal Investigator Lauren Clay). \$7,500.

Natural Hazards Center, University of Colorado at Boulder (Mitigation Matters Research Program). 2019-2021. From the ashes: mitigation policy after wildfire in California. Role: Co-Principal Investigator (With Principal Investigator Ronald Schumann). \$2,500.

International Association of Fire Chiefs. 2018-2019. Answering Catastrophe Initiative, Mission Driven Culture Questionnaire. Co-Principal Investigator (With Principal Investigator Haley Murphy). \$41,161

Natural Hazards Center, University of Colorado at Boulder (Quick Response Grant Program). 2017-2018. Exploring the Role of Implementing Agencies in Home Buyouts: Process, Equity, and Inclusion in Program Design and Implementation. Role: Co-Principal Investigator (With Principal Investigator Sherri Brokopp Binder). \$1,805.

International Association of Fire Chiefs. 2017-2018. Answering Catastrophe Initiative, Mission Driven Culture Questionnaire. Role: Principal Investigator. \$19,116.

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

Internal Grants

University at Albany (SAGES-WISH Seed Grant Program Sponsored by the National Science Foundation). 2024-2025 (terminated on 5/2/25 for lack of alignment with agency priorities). Disasters as Destabilizers: An Examination of Dissensus and Instability Following Extreme Events. Role: Co-Principal Investigator (With Principal Investigator Samantha Penta). \$30,170.

Oklahoma State University (Dean's Incentive Grant Program, College of Arts and Sciences). 2017-2018. The Dynamics of Place Attachment in Disaster Recovery. Role: Principal Investigator. \$3,000.

Oklahoma State University (Dean's Incentive Grant Program, College of Arts and Sciences). 2016-2017. Adjustment to New Natural Hazards: Earthquake Mitigation in Oklahoma. Role: Principal Investigator. \$3,000.

PUBLISHED ABSTRACTS AND PRESENTATIONS AT SCHOLARLY CONFERENCES

Morton K.T., Peck L.A., Binder S.B., **Greer A.**, Zavar E., Martina J.P., (2026). From Floods to Flowers: Plant and Pollinator Communities in Post-buyout Landscapes. Poster presented at the Ecological Society of America 2026 Annual Meeting, Salt Lake City, UT.

Islam, A., Snyder, M. P., Sharma, P., & **Greer, A.** (2026). Residential adjustment among renters after California wildfires. Presented at the International Research Committee on Disasters Researchers Meeting, June 18, 2026. Broomfield, CO.

Islam, A., Zavar, E., **Greer, A.**, Binder, S., & Martina, J. P. (2026). Integrating ecosystem services and community preferences to improve post buyout land use management. Poster presented at 51st Annual Natural Hazards Center Research and Applications Workshop, June 14, 2026. Broomfield, CO.

Islam, A., Kozlova, I., Zavar, E., Binder, S., and **Greer, A.** "Comparative analysis of image segmentation methods for buyout properties." Presented at the 2026 American Association of Geographers Annual Meeting, March 20, 2026. San Francisco, CA.

Schumann, R., Snyder, M., **Greer, A.**, Binder, S., Mockrin, M., and Islam, A. "Moving Back or Moving On: Aspirations and Capabilities in Post-Wildfire Housing Decisions." Presented at the 2026 American Association of Geographers Annual Meeting, March 18, 2026. San Francisco, CA.

Schumann, R., Snyder, M., **Greer, A.**, Islam, A., Binder, S., and Mockrin, M. "Aspirations and Capabilities in Post-Wildfire Residential (Im)mobility." Presented at the Southeastern Division of the American Association of Geographers (SEDAAG) Regional Meeting, November 23-24, 2025. Lexington, KY.

Schumann, R., **Greer, A.**, Binder, S., Mockrin, M., Islam, A., and Snyder, M. “Exploring (Im)mobility and Residential Adjustment After Wildfire.” Presented at the International Research Committee on Disasters Researchers Meeting, July 16-17, 2025. Broomfield, CO.

Islam, A., **Greer, A.**, Binder, S., Schumann, R., Mockrin, M., and Eastman, A. “What is in a Place? Place Attachment After Wildfires in Northern California.” Presented at the International Research Committee on Disasters Researchers Meeting, July 16-17, 2025. Broomfield, CO.

Snyder, M., Schumann, R., Mockrin, M., **Greer, A.**, Binder, S., and Islam, A. “Burning Questions: Who Bears Responsibility and Who Benefits from Wildfire Mitigation?” Presented at the International Research Committee on Disasters Researchers Meeting, July 16-17, 2025. Broomfield, CO.

Islam, A., Fujimoto, S., Matsukawa, A., Shiroshta, H., **Greer, A.**, Wu, T., Maki, N., and Tatsuki, S. “A Distributed Approach to Sheltering: Response to the Japan's 2024 Noto Earthquake.” Poster presented at 50th Annual Natural Hazards Center Research and Applications Workshop, July 13, 2025. Broomfield, CO.

Greer, A., Islam, A., Schumann, R., Binder, S., Mockrin, M., and Eastman, A. “Who Rebuilds and Why? Examining Post-Wildfire Housing Recovery Decisions.” Poster presented at 50th Annual Natural Hazards Center Research and Applications Workshop, July 13, 2025. Broomfield, CO.

Greer, A., Wu, T., Matsukawa, A., and Fujimoto, S., “Sheltering, at a Distance: Distributed Sheltering Efforts in Response to the 2024 Noto Peninsula Earthquake.” Presented at the 5th International Sociological Association Forum of Sociology, July 9, 2025. Rabat, Morocco.

Schumann, R., **Greer, A.**, Binder, S., Mockrin, M., Islam, A., and Eastman, A. “Place Attachment in Household Recovery, Mitigation, and Relocation After Wildfire.” Presented at the 2025 American Association of Geographers Annual Meeting, March 24-28, 2025. Detroit, MI.

Li, Y., **Greer, A.**, and Wu, T. “Can College Students Speak for Households? A Comparison of Hazard Adjustments and Influencing Factors for Tornadoes and Induced Earthquakes in Oklahoma.” Presented at the Southern Political Science Association CWC: The Details Matter: How the Nuances of the Political Economic Environment are Critical to Preparedness and Recovery, January 8-11, 2025. San Juan, Puerto Rico.

Schumann, R., **Greer, A.**, Mockrin, M., Binder, S., and Islam, A. “From the Ashes: Mitigation and Recovery After Wildfire in California.” Poster presented at Southeastern Division of the American Association of Geographers Meeting, November 24-25, 2024. Greenville, SC.

Schumann, R., **Greer, A.**, Binder, S., and Mockrin, M. “Exploring Residential Decision-Making After Wildfire with Photovoice.” Presented at the International Research Committee on Disasters Researchers Meeting, July 17-18, 2024. Broomfield, CO.

Schumann, R., **Greer, A.**, Mockrin, M., Binder, S., and Islam, A. “From the Ashes: Mitigation and Recovery After Wildfire in California” Poster presented at 49th Annual Natural Hazards Center Research and Applications Workshop, July 14-17, 2024. Broomfield, CO.

Greer, A., Schumann, R., Binder, S., and Mockrin, M. ““We Had to Change What We Found Important”: Examining Post Wildfire Relocation Decision-Making in California.” Presented at the International Association for Society and Natural Resources Conference, June 23-27, 2024. Cairns, Australia.

Sharma, P., Wu, T., Li, Y., and **Greer, A.** “Assessing Earthquake Hazard Adjustment among College Students and Local Residents: Coping Appraisal and Threat Appraisal.” Poster presented at the Disaster Research: Innovating for an Imagined Disaster Future Workshop in honor of the Disaster Research Center’s 60th Anniversary, May 2-4, 2024. Newark, DE.

Greer, A. “Hazard-Induced Relocations: State of Research”. Panelist at the 2024 American Association of Geographers Annual Meeting, April 16-20, 2024. Honolulu, HI.

Li, Y., **Greer, A.**, and Wu, T. “How do Oklahomans Adjust to Natural and Technological Hazards?” Poster presented at 48th Annual Natural Hazards Center Research and Applications Workshop, July 9-12, 2023. Broomfield, CO.

Greer, A. “Displacement, Relocation, and Migration.” Panelist at 48th Annual Natural Hazards Center Research and Applications Workshop, July 9-12, 2023. Broomfield, CO.

Greer, A., Murphy, H., Wu, T., and Clay, L. “Hurricane Evacuation, Sheltering, and Re-Entry Decision-Making in the Context of COVID-19.” Presented at the XX International Sociological Association World Congress of Sociology, July 1, 2023. Melbourne, Australia.

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 Tornadoes and Techna Earthquakes in Oklahoma.” Poster presented at 47th 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-tornadoes-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 46th 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 44th 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 44th 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 44th 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 42nd 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 42nd 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 41st 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 3rd 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 3rd Emergency Management Theory and Research Workshop, June 6, 2016. Emmitsburg, MD.

Greer, A. “Issues in Disaster Recovery II: Household and Community Recovery.” Panelist at 40th 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 39th 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 50th 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 50th 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 50th 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 4th 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 38th 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 3rd 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 37th 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. "Alternative Approaches to Disaster Management and Communication." Panelist for the FEMA Region 2 Higher-Ed Roundtable on Multi-Hazards on Islands & Remote Locations. April 9, 2026. University of Puerto Rico, Mayagüez (Hybrid Event, Virtual Participant).

Greer, A. "More Than Buildings: Place Ties and Wildfire Recovery Decisions." Invited speaker at Stony Brook University - School of Marine and Atmospheric Sciences (SoMAS) Colloquium Series. February 27, 2026. Stony Brook, NY.

Greer, A. "Damaged Places, Enduring Attachments: How Place Ties Shape Post-Disaster Housing Decisions After Wildfires." Invited speaker at SUNY ESF for the Environmental Studies Pack Seminar Series. December 5, 2025. Syracuse, NY.

Greer, A. "Wildfire Recovery: Best Practices for Los Angeles." Invited Panelist for the Lucy Jones Center for Science, Society, and Public Policy, January 16, 2025. Virtual.

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. “The Future of Wildfire Resilience in Southern California.” Invited Panelist for the Lucy Jones Center for Science, Society, and Public Policy, May 8, 2023. Caltech, Pasadena, CA. (<https://drlucyjonescenter.org/news/recovery-to-resilience-tour/>)

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

EMH669 – Independent Study (Su24)
 EMH655 – Qualitative Methods (S24, S26)
 EMH640 – Research Design (S23, F25)
 INF710 – Research Design (S20, S22, F23)
 IST608 – Research Methods (F19, S20, F20)

Undergraduate Courses Taught, University at Albany

EHC391 – Research Internship Emergency Preparedness, Homeland Security, & Cybersecurity (F19, S24, S25, F25)

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, F17², SU18)

Undergraduate Courses Taught, Oklahoma State University

POLS3763 – Emergency Management: Recovery and Mitigation (S18)

Doctoral Dissertation Committees

- Yvonne Dadson (Current), *Beyond the undocumented: examining immigrant vulnerability and resilience in disaster contexts*. University at Albany. **Member.**
- 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.**
- 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

- Emily Brennan (2026), *Accidental Open Space: An Evaluation of Post-Buyout Land Use and Activity in North and Central Texas*. University of North Texas. **Member.**
- Jonathan Green (2026), *From Assessment to Implementation: Building an Academically Grounded Emergency Plan for Castle Island Bilingual Montessori*. University at Albany. **Chair.**

² Taught at the Korean National Fire Service Academy

- Stefan Dela Riva (2025), *Officers' Perceptions of Body-Worn Cameras: An Exploratory Study of Small Police Departments in Upstate New York*. University at Albany. **Member.**
- Christopher O'Connor (2025), *Improving Retention and Reducing Risk: A Survey-Based Analysis of Law Enforcement Agencies*. University at Albany. **Member.**
- 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

Member, Graduate Committee, 2025-Present

Member, Fundraising and Outreach Committee, 2023-2024

Member, Faculty Development and Research Committee, 2023-2024

Founding Department Chair, 2022-2024

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

Member, Awards Committee, 2025-Present

Member, Associate or Full Professor of Cybersecurity Search Committee, 2023-2024

Member, Grievance Committee, 2022-2024

Member, PhD Program Admissions Committee, 2022, 2023

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, Faculty Promotion Software, 2025-Present
Member, Council on Promotions and Continuing Appointments (CPCA), 2021-Present
Member, Budget Metric Review Committee, 2025
Member, Three Minute Thesis (3MT) Judge, 2025
Member, Strategic Enrollments Management Council (SEMC), 2022-2024
Member, NYS COVID-19 Minority Health Disparities Study Workgroup, 2020-2021
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

Editorial Board Member, International Journal of Mass Emergencies and Disasters, 2026-Present
Associate Editor, *Natural Hazards Review*, 2021-Present
Associate Editor, International Journal of Mass Emergencies and Disasters, 2023-2026
Book Review Editor, International Journal of Mass Emergencies and Disasters, 2019-2026
Editorial Board Member, Risk, Hazards and Crisis in Public Policy, 2018-Present
Guest Editor, *Natural Hazards Review*, 2018-2021

Promotion and Tenure Review, Texas Tech University, 2026
Program Review, The University of Texas Rio Grande Valley, 2026
Invited Participant, Disaster Housing Research Coalition, National Low Income Housing Coalition, Spring 2024, Fall 2024. Spring 2025, Fall 2025
Invited Participant, NIST-hosted Workshop on Functional Recovery Performance Targets, 2024
Subject Matter Expert, Department of Homeland Security Science, Advice, and Guidance for Emergencies (SAGE) Program, 2024
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, 2021³
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-convenor, 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

Journal Reviewer, Climatic Change, Environment and Behavior, Environmental Conservation, Environmental Hazards, Housing Policy Debate, Journal of Homeland Security and Emergency Management, International Journal of Wildland Fire, International Journal of Disaster Risk Reduction, International Journal of Mass Emergencies and Disasters, International Journal of Social Welfare, Journal of Environmental Management, Journal of Infrastructure Systems, Journal of Planning Literature, Natural Hazards, Natural Hazards Review, Political Geography, Population and Environment, Population, Space, and Place, Risk Analysis, Risk, Hazards, and Crisis in Public Policy, Safety Science, Water Resources Research, Weather, Climate, and Society.

³ Organized but did not attend due to COVID-19

Grant Proposal Reviewer, National Science Foundation (HDBE and DRMS), Oak Ridge Associated Universities Ralph E Powe Junior Faculty Enhancement Awards, Texas OneGulf proposals.

Book Proposal Reviewer, *Routledge Press*.

HONORS AND AWARDS

2024 - Excellence in Research Award, University at Albany

2024 - Outstanding Reviewer, *Natural Hazards Review*

2017 - Outstanding Research Award, Oklahoma State University Political Science Department

2016 - Outstanding Research Award, Oklahoma State University Political Science Department

2016 - Research Presentation Award, 3rd Emergency Management Theory and Research Workshop

2015 - Marvin B. Sussman Dissertation Prize, University of Delaware

2011-2012 - University Graduate Fellow, University of Delaware

2010 - Outstanding Academic Achievement in Sociology, East Tennessee State University

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

American Association of Geographers

Southern Political Science Association

International Sociological Association (ISA)

ISA Research Committee: Sociology of Disasters