

Sarah E. DeYoung, PhD

Associate Professor

Department of Sociology & Criminal Justice

Disaster Research Center

Joseph R. Biden, Jr. School of Public Policy and Administration

University of Delaware

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Education

Ph.D. Applied Social and Community Psychology, North Carolina State University: 2014

M.S. Experimental Psychology, Saint Joseph's University: 2009

B.A. Psychology, North Carolina State University: 2005

Areas of Expertise

Evacuation Decision-making, Maternal & Infant Health in Disasters, Refugee & Immigrant Well-being, Companion Animals in Disasters, Psychological Sense of Community, Weather Warnings and Risk Communication, Family Stress in Disasters, Disaster Policy & Legislation, Team Science & Engineering Research Integration with Social Data

Academic Positions

Associate Professor, University of Delaware, Disaster Research Center and Department of Sociology & Criminal Justice (2019 — current)

Assistant Professor, University of Georgia, Institute for Disaster Management and Health Policy & Management (2016 — 2019)

Postdoctoral Researcher, University of Delaware Disaster Research Center
Funded by Hazards National Science Foundation. SEES Type 2: Dynamic Integration of Natural, Human, and Infrastructure Systems for Hurricane Evacuation and Sheltering
(2014 — 2016)

Project Manager, North Carolina State University
NSF/IUCRC Program Evaluation Project, Innovation Studies Lab
(2009 — 2013)

Peer Reviewed Publications

1. ***DeYoung, S. E.**, Fraser, R. J., & Gerber-Chavez, L. (2022). Maternal and infant health in disasters: Texas's high-risk landscape. *Women's Health*, 18, 17455057221112289.
2. ***DeYoung, S. E.**, Jackson, V., & Callands, T. A. (2022). Maternal stress and social support during Hurricane Florence. *Health Care for Women International*, 1-18.
3. ***DeYoung, S.E.** & Farmer, A.K. (2021). An exploratory study of the impact of the COVID-19 Pandemic on community-based animal organizations & households in the United States. *Australian Journal of Emergency Management*.

*denotes products at rank of Assistant Professor.

4. *Pixley, C. L., Henry, F. A., **DeYoung, S. E.**, & Settembrino, M. R. (2021). The role of homelessness community-based organizations during COVID-19. *Journal of Community Psychology*.
5. ***Book: DeYoung, S.E.** & Farmer, A.K. (2021). *All Creatures Safe & Sound: the Social Landscape of Pets in Disasters*. Temple University Press.
6. ***DeYoung, S.E.** (2021). "Vulnerable Groups during Crisis" Oxford Research Encyclopedia of Politics, Encyclopedia of Crisis Analysis. Available at: <https://oxfordre.com/politics/view/10.1093/acrefore/9780190228637.001.0001/acrefore-9780190228637-c-1565>
7. ***DeYoung, S.E.** & Mangum, M. (2021). Pregnancy, Birthing, and Postpartum Experiences during COVID-19 in the United States. *Frontiers in Sociology*, 6, 12.
8. *Mongold, E., Davidson, R. A., Trivedi, J., **DeYoung, S.E.**, Wachtendorf, T., & Anyidoho, P. (2020). Hurricane evacuation beliefs and behaviour of inland vs. coastal populations. *Environmental Hazards*, 1-19.
9. *Reed, A., **DeYoung, S.E.**, & Farmer, A.K. (2020). Companion animals & online discourse: rescue, reunification, and victim-blaming and evacuation compliance in wildfire and hurricane events. *Anthrozoös*.
10. ***DeYoung, S.E.**, & Farmer, A.K Callaro, Z., & Naar, S. (2020). Disaster preparedness practices among service dog puppy raisers. *Animals*.
11. *Matheny, S., **DeYoung, S.E.**, & Farmer, A.K. (2020). An analyses of material convergence, logistics, and organizational typology of animal supplies in the 2018 Puna lava flow. *Natural Hazards Review*.
12. ***DeYoung, S.E.**, Lewis, D.C, Seponski, D.M., Augustine, D., & Phaul, M. (2019) Disaster preparedness and well-being among Cambodian- and Laotian-Americans. *Disaster Prevention & Management*.
13. *Benecke, O. & **DeYoung, S.E.** (2019). Anti-vaccine decision-making and measles resurgence in the United States. *Global Pediatric Health*.
14. *Farmer, A.K. & **DeYoung, S.E.** (2019). Pets and Evacuation Decision-Making During Hurricane Matthew. *Anthrozoös*.
15. ***DeYoung, S.E.**, Sutton, J., Farmer, A.K., Neal, D., & Nichols, A.K. (2019). "Death was not in the agenda for the day": Emotions, behavioral reactions, and perceptions in response to the 2018 Hawaii Wireless Emergency Alert. *International Journal of Disaster Risk Reduction*.
- 16.*Kendra, J., Wachtendorf, T., & **DeYoung, S.E.** (2018). Community Innovation & Disasters. (Chapter) In: *Handbook of Disaster Research* (2018). Rodríguez, Havidán, Donner, William, Trainor, Joseph E. (Eds.)
17. *Khan, A. & **DeYoung, S.E.** (2018). Maternal Health Services for Refugee Populations: Exploration of Best Practices. *Global Public Health*.

18. ***DeYoung, S.E.**, Chase, J., Pensa Branco, M., & Park, B. (2018). Infant feeding during the Fort McMurray wildfire evacuation. *Maternal & Child Health Journal*.
<https://doi.org/10.1007/s1099>
19. ***DeYoung, S.E.**, Suji, M., & Southall, H. G. (2018). Maternal perceptions of infant feeding and health during the 2015 Nepal earthquake recovery. *Journal of Human Lactation*. 34(2), 242-252. <https://doi.org/10.1177/0890334417750144>
- 20.*Davidson, R.A., Nozick, L.K, Wachtendorf, T., Blanton, B. Colle, B. Kolar, R., **DeYoung, S.E.**, Dresback, K., Yi, W., Yang, K., & Leonardo, N. (2018). An integrated scenario ensemble-based framework for hurricane evacuation modeling: Part 1 – Evacuation modeling. *Risk Analysis*. doi:10.1111/risa.12990.
21. ***DeYoung, S.E.** & Penta, S. (2017). Issue Attention & Group Mobilization for Caste Rights Following the 2015 Nepal Earthquake. *Earthquake Spectra*. 33 (S1) S403-S414.
<https://doi.org/10.1193/120716EQS225M>
22. *Southall, H. G., **DeYoung, S. E.**, & Harris, C. A. (2017). Lack of cultural competency in international Aid responses: the Ebola Outbreak in Liberia. *Frontiers in Public Health*, 5, <https://doi.org/10.3389/fpubh.2017.00005>
- 23.*Farmer, A. K., Zelewicz, L., Wachtendorf, T., & **DeYoung, S. E.** (2017). Scared of the Shelter from the Storm: Fear of Crime and Hurricane Shelter Decision Making. *Sociological Inquiry*. 88 (2), 193-215, <https://doi-org.proxy-remote.galib.uga.edu/10.1111/soin.12187>
- 24.*Farmer, A. K., **DeYoung, S. E.**, & Wachtendorf, T. (2017). Pets and Evacuation: An Ongoing Challenge in Disasters. *Journal of Homeland Security and Emergency Management*, 13(4). <https://doi-org.proxy-remote.galib.uga.edu/10.1515/jhsem-2016-0051>
- 25.***DeYoung, S. E.**, Wachtendorf, T., Farmer, A. K., & Penta, S. C. (2016). NOAA Radios and Neighbourhood Networks: Demographic Factors for Channel Preference for Hurricane Evacuation Information. *Journal of Contingencies and Crisis Management*. 24(4), 275-285. <https://doi-org.proxy-remote.galib.uga.edu/10.1111/1468-5973.12123>
26. Penta, S., **DeYoung, S.E.**, Yoder-Bontrager, D., & Suji, M. (2016). Trauma, Victims, Time, Changing Organizations and the Nepal 2015 Earthquake. *International Journal of Mass Emergencies & Disasters*, 34(3), 345-375.
27. **DeYoung, S.E.**, Wachtendorf, T., Davidson, R., Xu, K., Nozick, L., Farmer, A., & Zelewicz, L. (2016). A Mixed Method Study of Hurricane Evacuation Thresholds: Demographic Predictors for Compliance to Following a Voluntary or Mandatory Order. *Environmental Hazards*. 15 (2), 95-112. <https://doi-org.proxy-remote.galib.uga.edu/10.1080/17477891.2016.1140630>
28. Xu, K., Davidson, R., Nozick, L., Wachtendorf, T., & **DeYoung, S.E.** (2016) Hurricane

Evacuation Demand Models with a Focus on Use for Prediction in Future Events. *Transportation Research Part A: Policy and Practice*, 87, 90-101.
<https://doi.org/10.1016/j.tra.2016.02.012>

29. **DeYoung, S.E.** & Peters, M. (2016). My Community, My Preparedness: the Role of Sense of Place, Community, and Confidence in Government in Disaster Readiness. *International Journal of Mass Emergencies & Disasters*, 34 (2), 250-282.
30. Birkland, T.A. & **DeYoung, S.E.** Chapter 14: Focusing Events, In *Routledge handbook of public policy* (2013). In edited by Eduardo Araral , et al., Araral E. (Eds.), . Abingdon, Oxon; New York: Routledge.
31. Birkland, T.A. & **DeYoung, S.E.** (2011). Emergency response, doctrinal confusion, and federalism in the Deepwater Horizon Oil Spill. *Publius* 41(3): 471-493.
doi:10.1093/publius/pjr011.

Other Papers, Chapters, and Editorials

32. *Sun, I., & **DeYoung, S.E.** (2021). Anti-Asian violence is a catastrophic threat to society. Delaware News Journal, Special to the USA TODAY NETWORK. April 3, 2021. Available at: https://www.delawareonline.com/story/opinion/contributors/2021/04/02/anti-asian-violence-catastrophic-threat-american-society/4836623001/?fbclid=IwAR3dzSnji-O0OmZiV5N_05VrQIu9raERPDEKMPIYg4Wy_dl5epM_aG754k
33. ***DeYoung, S.E.** & Knox, J. (2020). Solidarity and Storytelling: Debris and Visual Expressions of Collective Community After the 2019 Lee County, Alabama, Tornado. Natural Hazards Center Quick Response Grant Report Series, 296. Boulder, CO: Natural Hazards Center, University of Colorado Boulder. Available at: <https://hazards.colorado.edu/quick-response-report/solidarity-and-storytelling-debris-and-visual-expressions-of-collective-community-after-the-2019-lee-county-alabama-tornado>
34. ***DeYoung, S.E.** & Sun, I. (2020). Protecting international students during a global pandemic must be a priority. Delaware News Journal, Special to the USA TODAY NETWORK. July 11, 2020. Available at: <https://www.delawareonline.com/story/opinion/2020/07/11/international-students-must-protected-deportation/5416233002/>
35. ***DeYoung, S.E.** (2020). “Safe Spaces: Creating a Culture to Support Infant Feeding in Shelters.” Research Counts, *Special Collection on Mass Sheltering*. <https://hazards.colorado.edu/news/research-counts/special-collection/safe-spaces-creating-a-culture-to-support-infant-feeding-in-shelters-1>
36. ***DeYoung, S.E.** (2019). “Safe Spaces: Creating a Culture to Support Infant Feeding in Shelters.” Research Counts, *Special Collection on Children and Disasters*. 3(SC4). <https://hazards.colorado.edu/news/research-counts/safe-spaces-creating-a-culture-to-support-infant-feeding-in-shelters>
37. ***DeYoung, S. E.** (2019). Time for Coalitions to Protect Immigrant Health. *American Journal of*

Public Health, 109(4), 519.

38. ***DeYoung, S.E.** (2018). Infant & young child feeding in disasters. *Encyclopedia of Security & Emergency Management*, Springer.
39. *Farmer, A.K. & **DeYoung, S.E.** (2018). Pets and companion animals in disasters, *Encyclopedia of Security & Emergency Management*, Springer.
- 40.***DeYoung, S.E.** (2017). Infant feeding in Emergencies: How to Support Families During Evacuation & Sheltering. Research Counts, Natural Hazards Center, University of Colorado at Boulder: <https://hazards.colorado.edu/news/research/infant-feeding-in-emergencies-how-to-support-families-during-evacuation-and-sheltering>
- 41.***DeYoung, S.E.**, Chase, J., Branco, M., & Park, B. (2017). Advocacy, Decision Making, and Support Strategies in Addressing Infant Feeding for the Fort McMurray Wildfire Evacuees. 12th Breastfeeding and Feminism International Conference: Breastfeeding as Social Justice: From Crucial Conversation to Inspired Action. *Journal of Human Lactation*, 33, (4) 790 – 814. <https://doi-org.proxy.remote.galib.uga.edu/10.1177/0890334417726299>
- 42.***DeYoung, S.E.** (2017). Infant-feeding after Disasters: Wet-Nursing as Improvised Behavior and Formula Donations as Material Convergence. *Proceedings from the 10th Annual International Breastfeeding and Feminism Conference*. Praeclarus Press.
43. **DeYoung, S.E.** (2016). When Environmental Justice Meets Social Justice: The Case of Maternal and Infant Vulnerability after the Nepal Earthquake. *Global Journal of Community Psychology Practice*
44. Khanal, V., Mishra, S., & **DeYoung, S.E.** (2016). Nepal's Crisis Threatens Gains in Public Health. *American Journal of Public Health*, Letter to the Editor (April).
45. Matson, A., Timpo, P., Rade, C.B., **DeYoung, S. E.**, Guerrant, M., & Rampey, H. (2014). Reconnecting to our roots: An 'Unconferenced' ECO journey. *The Community Psychologist*.
46. **DeYoung, S.E.** (2014) *Disaster Preparedness: Psychosocial Predictors for Hazard Readiness. Proceedings of the 3rd International Conference on Urban Disaster Reduction*, Earthquake Engineering Research Institute.
47. **DeYoung, S. E.** (2012). Social Support for Graduate Student Parents. *The Community Psychologist*. Vol. 45 (3).

Technical Papers & Reports

48. *Campbell, N., Vickery, J., **DeYoung, S.E.**, Culhane, D., & Settembrino, M. National Academies of Sciences, Engineering, and Medicine, 2021. *Addressing Disaster Vulnerability among Homeless Populations during COVID-19*. Washington, DC: The National Academies Press. <https://doi.org/10.17226/26220>

49. *Multiple authors. (2020) (NSF) CONVERGE COVID-19 Working Groups for Public Health and Social Sciences Research: Homelessness, Housing Precarity, and COVID-19. Available at: https://converge.colorado.edu/v1/uploads/images/homelessness_housing_precarity_and_covid_19-1594503421532.pdf
50. *Multiple authors. (2020) *Residents' Handbook to Prepare for Natural Hazards in Georgia*. (2020). UGA Marine Extension and Georgia Sea Grant. <https://gacoast.uga.edu/wp-content/uploads/2020/08/ResidentsHandbook.pdf>
51. Birkland, T.A., O'Donovan, K., **DeYoung, S.E.**, Warnement, M., & Camilleri, S. (2013). Enabling the Next Generation of Hazards and Disasters Researchers: A Recruitment and Mentoring Program for Junior Scholars, NSF: *Infrastructure Management and Extreme Events*. Final Technical Report. Grant #0758484.
52. Gray, D.O., Leonchuck, L., McGowen, L.C., & **DeYoung, S.E.** (2013) Industry/University Cooperative Research Centers 2011-2012 Process Outcome. NSF I/UCRC Evaluation Project, Raleigh, NC.
53. Gray, D.O., **DeYoung, S.E.**, & McGowen, L.C., (2013). Industry/University Cooperative Research Centers 2011-2012 Center Director Structural Information Report. NSF I/UCRC Evaluation Project, Raleigh, NC.
54. Gray, D.O., McGowen, L.C., & **DeYoung, S.E.** (2012) Industry/University Cooperative Research Centers 2010-2011 Membership Report. NSF I/UCRC Evaluation Project, Raleigh, NC.
55. Gray, D.O., McGowen, L.C., & **DeYoung, S.E.** (2012) Industry/University Cooperative Research Centers 2010-2011 Process Outcome. NSF I/UCRC Evaluation Project, Raleigh, NC.
56. Birkland, T.A., O'Donovan, K., & **DeYoung, S.E.** (2011). Enabling the Next Generation of Hazards and Disasters Researchers: A Recruitment and Mentoring Program for Junior Scholars, NSF: *Infrastructure Management and Extreme Events*. Proceedings of 2011 NSF Engineering Research and Innovation Conference, Atlanta, Georgia. Grant #0758484.
57. Gray, D.O., McGowen, L.C., & **DeYoung, S.E.** (2011) Industry/University Cooperative Research Centers 2010-2011 Membership Report. NSF I/UCRC Evaluation Project, Raleigh, NC.
58. Gray, D.O., McGowen, L.C., **DeYoung, S.E.**, & LaPorte, L. D. (2011) Industry/University Cooperative Research Centers 2009-2010 Process Outcome. NSF I/UCRC Evaluation Project, Raleigh, NC.
59. Gray, D.O., **DeYoung, S.E.**, & McGowen, L.C. (2010) Industry/University Cooperative Research Centers 2008-2009 Process Outcome. NSF I/UCRC Evaluation Project, Raleigh, NC.

Presentations

1. **DeYoung, S.E.** "Evacuation, Sheltering, & Companion Animals". Regional Mass Care Conference. March 24th, 2022. King County Washington (multi-county meeting).
2. **DeYoung, S.E.** (2022). "Maternal & Infant Justice in Disasters". Feminist Approaches to Justice Panel: Women, Disasters and Climate Change: The Research Speaks. NGO/CSW, Parallel 66th session of the UN Commission on the Status of Women, March 23rd, 2022.
3. Gruenfeld, RJ, **DeYoung, S.E.**, Wheeler, S., Rivas, K., Romaine, C., (2022). "Environmental Justice for Equitable Birth Outcomes: Disasters, Displacement and Human Services". Poster Presentation, 47th Annual Natural Hazards Workshop, virtual.
4. **DeYoung, S.E.** Fraser, R. & Leahy, S. (2022). Systematic Social Media Recruitment for Disaster Research. 2022 Researcher's Meeting, Annual Natural Hazards Workshop, virtual.
5. Fraser, R. & **DeYoung, S.E.** (2022). Maternal and Infant Vaccine Protection in the age of COVID-19. Disaster Preparedness, Response, Innovation, Mitigation, & Recovery Conference at the University of North Texas. March 6th-8th, 2021.
6. ***DeYoung, S.E.** & Farmer, A.K. (2021). The impact of the COVID-19 Pandemic on Community-based animal programs in the United States. Global Animal Disaster Management Conference, Virtual Conference, New Zealand. February 17th, 2021.
7. ***DeYoung, S.E.** (2021). Infant Feeding in Emergencies: A New Theoretical Model for Humanitarian Aid & Research Convergence. *International Sociological Association, Forum of Sociology*, Virtual Conference, Porto Alegre, Brazil. February 24th, 2021.
8. ***DeYoung, S.E.** (2020). Disaster Preparedness for Communities. North Carolina Community Action Network. June webinar for partner agencies & organizations.
9. ***DeYoung, S.E.** (2020). Maternal and Infant Health Needs Among Laotian Families in Mobile County, Alabama. *Gulf of Mexico Oil Spill and Ecosystem Science Conference*. 3-6 Feb, 2020, Tampa, FL.
10. *Jackson, V. & **DeYoung, S.E.** (2019). Pregnancy, stress and social support during Hurricane Florence. *90th Annual Meeting and Conference of the Georgia Public Health Association*. 8 May, Atlanta, GA.
11. ***DeYoung, S.E.**, Phal, M., Seponski, D.M., & Lewis, D.C., (2019). Levels and concepts of disaster preparedness and evacuation from quantitative and qualitative data. *Society for Cross-Cultural Research 48th Annual Conference*. 14 Feb, 2019. Jacksonville, FL.
12. *Phal, M., **DeYoung, S.E.**, Lewis, D.C., & Overmyer, E. (2019). Challenges and success of a disaster preparedness survey administered survey in Cambodian and Laotian American communities. *Society for Cross-Cultural Research 48th Annual Conference*. 14 Feb, 2019. Jacksonville, FL.
13. *Augustine, D. A., **DeYoung, S.E.**, Lewis, D.C., & Mercurio, J. (2019). Environmental disasters, environmental justice, and the Cambodian and Laotian communities: Long-term vulnerability reinforced by short-term hazard planning. *Society for Cross-Cultural Research 48th Annual Conference*. 14 Feb, 2019. Jacksonville, FL.

14. *Lewis, D.C., Seponski, D.M., & **DeYoung, S.E.** (2019). Identifying gaps at the intersection of spiritual displacement, environmental justice, and community power. Symposium. *Gulf of Mexico Oil Spill and Ecosystem Science Conference*. 8 Feb, 2019. New Orleans, LA.
15. ***DeYoung, S.E.**, Lewis, D.C., & Seponski, D.M., (2019). Perceptions of sea-level rise, well-being, and community in Cambodian and Laotian Americans living in the Gulf Coast Region of the United States. *Gulf of Mexico Oil Spill and Ecosystem Science Conference*. 8 Feb, 2019. New Orleans, LA.
16. ***DeYoung, S.E.** & Farmer, A.K. (2018). “*We Thought We’d Be Back*”: *Pets, Trauma, and the 2017 Disasters* (Poster). Annual Natural Hazards Workshop. University of Colorado at Boulder, Colorado.
17. ***DeYoung, S.E.** & Farmer, A.K. (2018). *Pets, Privilege, and Getting the Whole Story: Lessons Learned through Research on Companion Animal Evacuations for 2017 Disasters*. 2018 Researchers Meeting: Annual Natural Hazards Workshop. University of Colorado at Boulder, Colorado.
18. *Khan, A. & **DeYoung, S.E.** (2018). *Maternal Health Services for Refugee Populations: Exploration of Best Practices*. Disasters, Displacement, & Human Rights. University of Knoxville, Tennessee.
19. ***DeYoung, S.E.**, Harris, C., Coughlin, E., Murphy, M., & Park, B. (2017). *Infant Feeding in Emergencies: An Urgent Health and Preparedness Issue for the Southeastern United States* (Poster). Emergency Management Association of Georgia. Savannah, Georgia.
20. ***DeYoung, S.E.**, Farmer, A., Park, B., & Naar, S. (2017). *Pets & Evacuation: Preliminary Findings from Hurricane Matthew*. Emergency Management Association of Georgia. Savannah, Georgia.
21. **DeYoung, S.E.**, Wachtendorf, T., Farmer, A.K., & Penta, S. (2015). *NOAA Radios and Neighborhood Networks: An Analysis of Information Sources and Trust for Hurricane Evacuation*. American Sociological Association, Chicago, Illinois.
22. **DeYoung, S.E.** (2015). *Infant Feeding After Disasters*. 10th Annual International Breastfeeding and Feminism Conference, Chapel Hill, NC.
23. **DeYoung, S.E.** (2014) *Disaster Preparedness: Psychosocial Predictors for Hazard Readiness* (Poster). 3rd International Conference on Urban Disaster Reduction, Earthquake Engineering Research Institute, Boulder, CO.
24. **DeYoung, S.E.** (2014). *The Role of Social Media and Text Messaging in Peer Support for Breastfeeding*. 9th Annual International Breastfeeding and Feminism Conference, Chapel Hill, NC.
25. **DeYoung, S.E.** & Brokopp-Binder, S. (2013). *Before, During and After: Disaster Planning and Community Context*. Society for Community Action and Research Biennial Conference, Coral Gables, FL.
26. **DeYoung, S.E.**, Johnson, K., Rade, C .B., & Strange, J. (2013). *Social Myths and Public Policy: How Social Myths Impact Legislation, Health Outcomes and Community Well-being*. 12th Annual Social Equity Leadership Conference, Raleigh, NC.

27. Prohn, S., Cofield-Poole, B.M., Matson, A., Brookins, C.C., **DeYoung, S.E.** (2012). *Beneficiary to Benefactor: Reframing Populations as Assets for Community Building and Change*. Society for Community Action and Research Ecological Psychology Southeastern Conference, Durham, NC.
28. Gray, D.O., McGowen, L.C., & **DeYoung, S.E.** (2012) IUCRC program findings from the Center Structure Database. 2012 NSF IUCRC Annual Directors Meeting, Washington DC.
29. Matson, A., McGowen, L., Prohn, S., Paxton, D., **DeYoung, S.E.**, & Smart, A. (2012). *Community psychology & food: A social justice perspective & methodologies for empowerment*. North Carolina State University, Downtown Design Studio: Raleigh, NC.

Awards

2022 Distinguished Book Award from the Animals and Society Section of the American Sociological Association, for *All Creatures Safe & Sound* (DeYoung & Farmer, 2021)

Awarded Grants

*Awarded (2022-2027) NSF Large-Scale CoPe: Coastal Hazards, Equity, Economic prosperity, and Resilience (CHEER)

Agency: National Science Foundation

Start/End Dates:08/01/22-09/31/27

Co-Principal Investigator

Principal Investigator: Rachel Davidson

Requested Amount: \$ 16,240,129.00

*Awarded (Start date June 2021) Infant feeding in emergencies: measuring changes during natural hazards in the United States

Agency: University of Delaware: UDRF

Principal Investigator

Requested Amount: \$ 34,999.00

*Awarded (2020-2021) Infant feeding in emergencies: measuring changes during natural hazards in the United States

Agency: University of Delaware: GUR, 2020-2021

Principal Investigator

Requested Amount: \$ 15,000.00

*Awarded (2020-2023) NSF HDBE CUEBIQ: Collaborative Research: Leveraging massive smartphone location data to improve understanding and prediction of behavior in hurricanes

Agency: National Science Foundation

Start/End Dates:10/01/20-09/31/23

Co-Principal Investigator

Principal Investigator: Rachel Davidson

Requested Amount: \$346,037.00

*Awarded (2019): Quick Response Grant: University of Colorado, Boulder Natural Hazard Center. Solidarity and Storytelling: Debris and Visual Expressions of Collective Community After the 2019

Lee County (Alabama) Tornado

Principal Investigator

Total Award Amount: \$1,925

*Awarded (2017- 2019): National Science Foundation. RAPID: Pets & Evacuation: Group mobilization, coordination, and decision-making for companion animals in Hurricane Harvey and Irma.

Principal Investigator

Total Award Amount: \$94,085

*Awarded (2017-2019) National Academies of Science, Engineering, & Medicine. Community and Family Resilience, Strength and Wellbeing: Sociocultural Influences on Cambodian and Laotian Refugee Communities' Responses to Environmental Challenges.

Co-Investigator

Principal Investigator: Denise Lewis

Total Award Amount: \$3,076,003

Awarded (2015): Quick Response Grant: University of Colorado, Boulder Natural Hazard Center. Infant-feeding, Maternal Vulnerability, and Well-being: The Case of Nepal Earthquake Recovery.

Principal Investigator

Total Award Amount: \$3,000

Awarded (2015): Society for Community Research and Action Community Mini Grant Infant-feeding, Maternal Vulnerability, and Well-being: The Case of Nepal Earthquake Recovery.

Principal Investigator

Total Award Amount: \$1,200

Awarded (2014): Society for Community Research and Action Mini Grant Dissertation Support: Disaster Preparedness: Psychosocial Predictors for Hazard Readiness.

Principal Investigator

Total Award Amount: \$1,200

Selected Projects in Progress

DeYoung, S.E. & Farmer, A.K. (in progress). Health conspiracy beliefs in emergency management during the COVID-19 pandemic.

Teaching

University of Delaware

- Issues in Disaster Preparedness (DISA 667): Winter 2022 & 2023
- Disasters, Vulnerability & Development (SOC 471): Spring 2020; Fall 2020; Spring 2021; Fall 2021; Spring 2022; Fall 2022; Spring 2023
- Vulnerability & Development (SOC 671): Spring 2020
- Introduction to Sociology (SOC 201): Fall 2019; Fall 2020; Spring 2021; Spring 2022; Fall 2022;

Spring 2023

University of Georgia

- International Aspects of Disasters: Fall 2018
- Media, Pop Culture, & Disasters: Spring 2018
- Disaster Policy: Fall 2017
- Disasters & Society: Spring 2017—Spring 2019

North Carolina State University

- Community Psychology: Spring 2014
- Social Psychology: Fall 2013
- Women, Gender, Science, Technology & Society. August 2010—Dec 2013

Disaster Research & Fieldwork

- 2022/2023 Hurricane Ian, Fort Myers Florida, United States
- 2020 Global Pandemic: Maternal well-being in the United States
- 2019 Lee County Tornado (Alabama)
- 2018 Camp Fire (Paradise & Chico, California: fieldwork in March 2019)
- 2018 Hurricane Florence (North and South Carolina)
- 2018 Hawai'i Kilauea Lava Flow (Puna District)
- 2017 Sonoma County Wildfire (California: fieldwork in April 2018)
- 2017 Hurricanes Harvey (multiple deployments)
- 2017 Hurricane Irma
- 2016 Fort McMurray Wildfire (Canada)
- 2015 Nepal (Gorkha) Earthquake (multiple deployments)
- 2015 Tropical Storm Erika

Student Mentoring & Advising

University of Delaware

- Adam Andesen (2022—current). Dissertation committee member. Disaster Science & Management.
- Cornelia Posch (2022—current). Dissertation committee member. Disaster Science & Management.
- Sydney Dyck (2022—current). Master's thesis committee Chair.
- Roni Fraser (2019—2020). Master's thesis committee, Department of Sociology & Criminal Justice. The Transition Experience of Short-term Volunteers following Disaster Response Deployments
 - (2021—current). Dissertation committee chair, Sociology & Criminal Justice.
- Yajaira Ayala (2021—current). Dissertation committee member, Disaster Science & Management.
- Mei Johnson (2021—current). Dissertation committee member, Disaster Science &

Management.

- Eileen Young (2020—current). Dissertation committee Chair, Disaster Science & Management
- Cotina Lane Pixley (2020—2022). Dissertation committee chair, Disaster Science & Management
- Shauna Leahy (2020—current). Master's thesis committee chair, Department of Sociology & Criminal Justice.
- Michaela Mangum (2019—2020). Master's advising. Disaster Science & Management.

University of Georgia

- Ehiremen Azugbene (2018—2019; Health Promotion & Behavior, Doctoral Committee member). Maternal Health Experiences of African Immigrant Women and Healthcare Utilization.
- Danielle Augustine (2018—2020). (Family & Consumer Science, Master's and Doctoral Committee Member)
- Aishah Khan (MPH, 2018). Committee Advisor/Chair. Maternal Health Services for Refugees.
- Shelby Naar (MPH, 2018). Committee Advisor/Chair. Puppy-raiser Disaster Preparedness Among College Students.
- Kris Addler (MPH, 2018). Committee Member. Post-Traumatic Stress Disorder Screening with Recommendations for Disaster Response.
- Angela Adams (MPH, 2017). Committee Advisor/Chair. Capstone: The Role of Communication and Reentry Post Disaster: A Case Study on Hurricane Matthew
- Kyle Schwartz (MPH, 2017). Committee Advisor/Chair. Capstone: Social vulnerability & Disaster: Caste in Nepal & India

Service to the Department

- Department Executive Committee, (2022—current)
- Graduate Policy Committee, (2022—current)
- Colloquium Committee Chair: Sociology & Criminal Justice, (2021—2023)
- Committee on Diversity, Inclusion, & Equity for the Disaster Research Center, (2020—2021)
- Disaster Science and Management: Qualifying PhD Exam Committee (2020—2022)
- Department of Sociology & Criminal Justice Colloquium Committee Chair (2020—2021)

Service to the University

- Faculty Senate: General Education Committee (University of Delaware, 2020—current)
- Program Founder & Coordinator: Disaster Management Undergraduate Certificate & Minor (University of Georgia, 2016—2019)
- Committee Chair, 2018-2019: College of Public Health Diversity Committee (UGA)
- UGA College of Public Health Diversity Committee 2017—2019.
- UGA College of Public Health Undergraduate Curriculum Committee 2018—2019.
- Committee for Commission on the Status of Women: Saint Joseph's University, Student Issues Group & Faculty Issues Group. 2008-2009

Service to the Community & Profession

- Participated in Safely Fed Europe's Initiative to Translate Infant Feeding in Emergencies

- material for Ukrainian Refugees (2022).
- Faculty/researcher affiliate: University College London (UCL) Warning Research Centre (2021—current)
- Invited Panelist: National Public Health Week, Building Bridges to Better Health, hosted by the Biden School at the University of Delaware, (April 5th, 2021)
- Invited Participant: Homelessness & Climate Change Thinktank, hosted by the University of Toronto, (January, 2021)
- Housing, Homelessness, & Housing Precarity Disaster Network, Member, (2020—current)
- Section Editor: Global Pediatric Health, Humanitarian & Crisis Research (2019—2020)
- Gender and Disaster Network, Member, (2015—current)
- Invited Speaker: Becoming a disaster researcher. Doctoral career panel for master's students, Saint Joseph's University, Philadelphia, Pennsylvania. October 21st, 2019.
- Invited Keynote Speaker: Ethics & Integrity in Emergency Management. Jacksonville State University Doctoral Seminar. August 13th, 2019
- Guest Editor: International Journal of Mass Emergencies & Disasters, Nepal Earthquake Special Issue (2015)

Grant Reviews & Panels

- National Science Foundation, panelist, LEAP-HI, Fall 2022
- New Frontiers Research Fund: Social Sciences and Humanities Research Council of Canada, Fall 2022
- National Science Foundation, panelist (Smart & Connected Communities Planning Grants); 2021
- National Science Foundation (Decision, Risk, & Management Science); 2020; 2021
- National Science Foundation, Research Traineeship Program (NRT); 2020

Ad Hoc Peer Review for Journals

Health Care for Women International (2022)

Women's Health (2022)

International Journal of Disaster Risk Reduction (2018; 2022; 2023)

Canadian Journal of Nonprofit and Social Economy Research (2022)

Intelligent Transportation Systems (2021)

Australian Journal of Emergency Management (2021)

Journal of Community Psychology (2021)

Political Psychology (2020)

Journal of Traumatic Stress (2020) Journal of Community Psychology (2020)

Journal of Environmental Planning and Management (2020)

Journal of Human Lactation (2018; 2019; 2020; 2022)

International Journal of Mass Emergencies & Disasters (2016; 2018; 2020)

Global Pediatric Health (2019)

PLOS One (2019)

International Journal of Environmental Research and Public Health (2018)

Sustainability (2018)

Journal of Affective Disorders (2018)

Natural Hazards & Earth Systems Sciences (2018)

Contingencies & Crisis Management (2018)

Disaster Medicine & Public Health (2017)

Maternal & Child Nutrition (2017)
Arabian Journal for Science and Engineering (2017)
Journal of Regulation & Governance (2016)
Gender Issues (2016)
Natural Hazards Review (2016; 2020)

Other Professional & Volunteer Service

- Moms Demand Action; local (New Castle County, DE) and state (Delaware) volunteer (2021-2022). Social media support, event outreach in Wilmington, DE, and building coalitions with local organizations.
- Refugee Mental Health Resource Network, An APA Interdivisional Project (2018—current)
- 2018 Families Belong Together, coalition supporter: Athens, Georgia (*Dignidad Inmigrante En Athens*)
- Gender & Disasters Roundtable Facilitator at the Annual Natural Hazards Workshop (2016 & 2018)
- Skype A Scientist: 5th grade elementary class, Virginia (Disaster preparedness), April 2018
- University of Georgia University Executive Council (2018—2019)
- 2017 Gender & Disasters Roundtable Facilitator at the Annual Natural Hazards Workshop
- UGA Safe Space Training (Summer 2017)
- Volunteer and core coalition member for SafelyFed.org (EU coalition and Co-founder of SafelyFed USA), 2016—2018.
- William Averette Anderson Fund for Hazard and Disaster Mitigation Education and Research: Mentorship Benchmarking Group. 2015—2016
- Program Area Student Leader/Representative: Psychology in the Public Interest at North Carolina State University. 2012—2013
- Planning Committee Member: Southeastern Ecological Psychology Conference, 2013
- North Carolina Conservation Network: Internship. Spring 2011

Selected Media & Press Features

NPR/WHYY (2022). University of Delaware Disaster Research Center gets \$16.5 million to study equity in disaster recovery. https://whyy.org/articles/university-of-delaware-disaster-research-center-16-million-disaster-recovery/?fbclid=IwAR00WjdOqovIAwz80wK76sRzt3a_WhUuVBPik5QXIZ7z7IUSrq8_bjo9Plw

19th News, Interview (2022): As climate change worsens hurricane season in Louisiana, doulas are ensuring parents can safely feed their babies: <https://19thnews.org/2022/05/climate-change-hurricane-season-louisiana-doulas-infant-feeding/>

Associated Press (2021): US awards huge shelter contracts amid child migrant increase: <https://accesswdun.com/print/2021/5/1002950>

Wired: Mass Panic is Unlikely, Even in a Pandemic: <https://www.wired.com/story/coronavirus-mass-panic-unlikely-pandemic/>

Healthline: Natural Disasters Won't Stop Just Because There's a Pandemic: <https://www.healthline.com/health-news/natural-disasters-wont-stop-just-because-theres-a-pandemic>

Vox: Hurricane Katrina inspired a national pet evacuation policy. The plan could save human lives, too. <https://www.vox.com/the-highlight/2019/11/8/20950253/wildfires-hurricane-katrina-pet-evacuation>

Earther (International): Pets are Like Family, So Why Do They Get Left Behind During Disasters? <https://earther.gizmodo.com/pets-are-like-family-so-why-do-they-get-left-behind-du-1834715712>

Hawaii National Public Radio (United States): Study Highlights Residents Reactions to False Missile Alert: <https://www.hawaiipublicradio.org/post/study-highlights-residents-reactions-false-missile-alert>

Huffington Post (United States): How to convince your family to evacuate during Hurricane Florence: https://www.huffingtonpost.com/entry/convince-people-to-evacuate-hurricane-florence_us_5b97f9bbe4b0cf7b00442522

Forbes (United States): Hurricane Florence is dangerous, here's why some people won't evacuate: <https://www.forbes.com/sites/marshallshepherd/2018/09/11/hurricane-florence-is-dangerous-why-some-people-wont-leave/#1db6b63fa035>