

## Jeannette N. Sutton, PhD

### Contact Information

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### Education

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**Ph.D. University of Colorado Boulder, 2004**  
Doctor of Philosophy in Sociology

**M.A. Princeton Theological Seminary, 1996**  
Master of Divinity

**B.A. Seattle Pacific University, 1993**  
Bachelor of Arts in Sociology/Education  
*Summa Cum Laude*, Dean's List

### Current Position

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**Associate Professor**, Department of Communication, University of Kentucky (2018-present)

**Associate Professor (courtesy)**, Department of Sociology, University of Kentucky (2018-present)

**Director**, Risk and Disaster Communication Center, College of Communication and Information,  
University of Kentucky (2014–present)

### Additional Professional Experience

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**Assistant Professor**, Department of Communication, University of Kentucky (2014-2018)

**Senior Research Scientist**, Trauma, Health, and Hazards Center, University of Colorado Colorado  
Springs (2010–2014)

**Research Associate**, Natural Hazards Center, University of Colorado Boulder (2007–2009)

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**Postdoctoral Research Associate**, Natural Hazards Center, University of Colorado Boulder (2004–2007)

**Graduate Research Assistant**, Natural Hazards Center, University of Colorado Boulder (2001–2004)

**Graduate Teaching Assistant**, Department of Sociology, University of Colorado Boulder (2000–2001)

**Professional Research Assistant**, REFT (Research, Evaluation, Facilitation, and Training) Institute (2000)

**Columbine High School Victim Services Coordinator**, Jefferson County Sheriff's Office (1999)

### **Areas of Specialization**

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- Sociology of Disaster
- Risk Communication
- Qualitative Research Methods
- Social Media
- Crisis Informatics

### **External Grants and Funding**

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**Principal Investigator**, Public Response to the 2019 Ridgecrest EQ Sequence. United States Geological Survey. Interagency Personnel Agreement. (\$17,500). October 2019-December 2020.

**Principal Investigator**, Eye-Tracking the Storm: Information Processing of Visual Risk Communication. With Laura Fischer, Co-Investigator. NOAA- OWAQ, VORTEX SE – 7. (\$299,749). September 2019-August 2021.

**Principal Investigator**, Wireless Emergency Alerting for Earthquake Early Warning. United States Geological Survey. Interagency Personnel Agreement. (\$14,500). April 2019-December 2019.

**Principal Investigator**, Collaborative Research: Online Hazard Communication in the Terse Regime: Measurement, Modeling, and Dynamics. Supplemental funding from NOAA. National Science Foundation, CMMI-IMEE 1645471. With Butts, C. T. (\$50,000). September 2018-September 2019.

**Principal Investigator**, Eye-Tracking the Storm. College of Communication and Information, Speed Dating for Researchers-VIII Collaborative Funding. University of Kentucky. With Laura Fischer, Co-Investigator. (\$7,500). June 2018-May 2019.

**Co-Investigator**, Socially Responsible Communication to Increase Awareness of Lung Cancer

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Screening. Owensboro Community Health. With Jamie Studts, Principal Investigator. (\$59,895). August 2017-July 2018.

**Principal Investigator**, Collaborative Research: Online Hazard Communication in the Terse Regime: Measurement, Modeling, and Dynamics. Supplemental funding from NOAA. National Science Foundation, CMMI-IMEE 1645471. With Butts, C. T. (\$50,000). September 2016-September 2017.

**Principal Investigator**, Collaborative Research: Online Hazard Communication in the Terse Regime: Measurement, Modeling, and Dynamics. National Science Foundation, CMMI-IMEE 1536347. With Butts, C. T. (\$256,103). September 2015-August 2018.

**Principal Investigator**, Workshop Proposal: Disaster Communication: Redesigned. National Science Foundation, CMMI-IMEE 1458029. (\$49,974). 2014-2015.

**Principal Investigator**, Subcontract: Inoculation Strategies for Risk Communication Messaging. USC-CREATE Center. (\$30,000). July 2014-June 2015.

**Investigator/Consultant** National Center for Food Protection and Defense, Risk Communication Theme. (\$5,000). 2014-2015

**Co-Principal Investigator**, Hazards SEES Type 1: End-to-End Development of Time-Dependent Geo-Targeted Alerts and Warnings Enabled by Dense Observations of the 2011 Tohoku Tsunami. National Science Foundation, OCE-1331600. With Jean-Paul Ampuero and Monica Kohler, Principal Investigators. (\$299,852). 2013-2016.

**Investigator/Consultant**, National Center for Food Protection and Defense, Risk Communication Theme. (\$5,000). 2013-2014.

**Investigator/Consultant**, National Center for Food Protection and Defense, Risk Communication Theme. (\$5,000). 2012-2013.

**Investigator**, Comprehensive Testing of Imminent Threat Public Messages for Mobile Devices. University of Maryland, Center for the Study of Terrorism and Responses to Terrorism, U.S. Department of Homeland Security, Science and Technology Directorate. (\$68,000/\$1.2 million total cost). 2012-2015.

**Principal Investigator**, When Online Is Off: Risk Communicating in Disaster following the February 22, 2011, Christchurch, New Zealand, Earthquake. National Science Foundation, IIS-1138901. (\$29,237). 2011-2012.

**Investigator**, Earthquake Engineering Research Institute (EERI) Learning from Earthquake Program, Christchurch, New Zealand. National Science Foundation RAPID Program. (\$24,000). 2011-2012.

**Principal Investigator**, Humanitarian Aid and Disaster Relief, A Workshop. U.S. Office of Naval Research. (\$98,000). 2011-2012.

**Investigator/Consultant**, SCORE: Social Network Data Convergence into Reliable Information for Emergencies. Office of Naval Research, Small Business Innovation Research, ATCorp, Rapid Crisis and Disaster Response Information Discovery, N00014-12-M-0260. (\$10,000). 2011.

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**Investigator**, National Center for Food Protection and Defense, Risk Communication Theme. (\$5,000). 2011-2012.

**Principal Investigator**, Disaster Resilient Rural Communities: The Effect of Information Access on Rural Collective Efficacy. National Science Foundation, CMMI-1049340. (\$399,999). 2010-2014.

**Principal Investigator**, Collaborative Research: Informal Online Communication in Crises and Disaster Events—Content, Structure, and Dynamics. National Science Foundation, CMMI-1031779. With Butts, C. T. (\$358,905). 2010-2014.

**Co-Principal Investigator**, RAPID: Recovery Process and Progress Following the 2009 L'Aquila Earthquake. National Science Foundation, CMMI-0961916. Liel, A., Principal Investigator. (\$39,970). 2009-2010.

**Principal Investigator**, Public Information and Peer-to-Peer Communication as Complementary Processes? Understanding How Public Information Officers Use Social Media during the Democratic National Convention. National Science Foundation, Small Grant for Exploratory Research, CMMI-0902097. (\$37,000). 2008-2009.

**Principal Investigator**, A Guide to Transportation and Hazards Resources. Transportation Research Board of the National Academy of Sciences. (\$75,000). 2007-2008.

**Consultant**, Preparedness Metrics for Households, Businesses, and Communities. The Fritz Institute. (\$3,000). 2006-2007.

**Consultant**, Literature review for National Science Foundation-funded project on Southeast Asia tsunami. (\$1,000). 2006-2007.

**Consultant**, TOPOFF IV Disaster Response Exercise. ICF International. (\$4,000). 2005-2006.

**Principal Investigator**, National Science Foundation and Natural Hazards Center, University of Colorado Boulder, Quick Response Research Grant, CMS-0080977 (\$2,500). 2001-2002.

**Investigator**, Beverly Sears Graduate Student Research Grant (in honor of Sean MacMillan), University of Colorado Boulder. (\$1,000). 2001-2002.

**Principal Investigator**, American Red Cross Research Funding, American Red Cross. (\$7,000). 2001-2002.

**Principal Investigator**, National Science Foundation and Natural Hazards Research and Applications Information Center, University of Colorado Boulder, Quick Response Research Grant. (\$2,500). 2000-2001.

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## Refereed Journal Articles

- *Current or former graduate student or postdoc*

35. McBride, S. K., Bostrom, A., **Sutton, J.**, de Groot, R. M., Baltay, A. S., Terbush, B., Bodin, P., Dixon,

- M., Holland, E., Arba, R., Laustsen, P., Liu, S., & Vinci, M. (under review). Developing post-alert messaging for ShakeAlert, the earthquake early warning system for the West Coast of the United States of America. *International Journal of Disaster Risk Reduction*.
34. Olson, M. K.\*, Vos, S. C.\*, & **Sutton, J.** (forthcoming). Threat and efficacy in television news: Reporting on an emerging infectious disease. *Western Communication Journal*.
- 33. Sutton, J.**, Renshaw, S. L., Vos, S. C.\*, Olson, M. K.\*, Prestley, R.\*, Gibson, C. B., & Butts, C. T. (2019). Getting the Word Out, Rain or Shine: The Impact of Message Features and Hazard Context on Message Passing Online. *Weather Climate and Society*.  
<https://doi.org/10.1175/WCAS-D-19-0021.1>
32. Nateghi, R., **Sutton, J.**, & Murray-Tuite, P. (2019). The frontiers of uncertainty estimation and communication in interdisciplinary disaster research and practice. *Risk Analysis*. <https://doi.org/10.1111/risa.13337>
31. Olson, M. K.\*, Sutton, J., Vos, S.C. \*, Prestley, R.\*, Renshaw, S. L., & Butts, C. T. (2019) Build community before the storm: The National Weather Service's use of social media. *Journal of Contingencies and Crisis Management* . <https://doi.org/10.1111/1468-5973.12267>
30. Vos, S. C.\*, **Sutton, J.**, Gibson, C. B., & Butts, C. T. (2019). Celebrity cancer on Twitter: Mapping a novel opportunity for cancer prevent. *Cancer Control*.  
<https://doi.org/10.1177/1073274819825826>
- 29. Sutton, J.** & Kuligowski, E. (2019). Alerts and warnings on short messaging channels: Guidance from an expert panel process. *Natural Hazards Review*. 20(2)  
[https://doi.org/10.1061/\(ASCE\)NH.1527-6996.0000324](https://doi.org/10.1061/(ASCE)NH.1527-6996.0000324)
28. DeYoung, S.E., **Sutton, J.**, Nichols, K., Farmer, A., and Neal, D. (2019). "Death was not in the agenda for the day": Emotions, behavioral reactions, and perceptions in response to the 2018 Hawaii Wireless Alert. *International Journal of Disaster Risk Research*. In Press.  
<https://doi.org/10.1016/j.ijdr.2019.101078>
- 27. Sutton, J.** (2018). Health communication trolls and bots v. public health agencies' trusted voices. Invited editorial. *American Journal of Public Health*. 108(10) 1281-1282. DOI: 10.2105/AJPH.2018.304661
- 26. Sutton, J.** & Kaufmann, R. (2018). That's a myth! Teaching about disaster myths through experiential learning. *International Journal of Mass Emergencies and Disasters*.36(3) 287-296.
25. Vos, S. C.\*, **Sutton, J.**, Yu, Y., Renshaw, S., Olson, M. K.\*, Gibson, C. B., & Butts, C. T. (2018). Retweeting risk communication: The role of threat and efficacy. *Risk Analysis*. 38(12)
- 24. Sutton, J.**, Vos S. C.\*, Wood, M., & Turner, M. (2018). Designing effective tsunami messages: The role of short messages and fear in warning response. *Weather Climate and Society*. 10(1), 75-87.

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23. **Sutton, J.**, Vos, S. C.\*, Olson, M. K.\*, Woods, C. W.\*, Cohen, E., Gibson, C. B., Phillips, N., Studts, J., Eberth, J., & Butts, C. T. (2017). Lung cancer messages on Twitter: Content analysis and evaluation. *Journal of the American College of Radiology*.
  22. **Sutton, J.**, Woods, C. W.\*, and Vos, S. C.\* (2017). Willingness to click: Risk information seeking during imminent threats. *Journal of Contingencies and Crisis Management*.
  21. **Sutton, J.**, & Kaufmann, R. (2017). Designing imminent threat messages for an unfamiliar hazard. *Communication Teacher*. <http://dx.doi.org/10.1080/17404622.2017.1372608>
  20. Wood, M., Mileti, D., Bean, H., Liu, B. F., **Sutton, J.**, & Madden, S. (2017). Milling and public warnings. *Environment and Behavior*. DOI: 10.1177/0013916517709561
  19. Liu, B. F., Egnoto M., Wood, M., Bean, H., **Sutton, J.**, Mileti, D., & Madden, S. (2017). Is a picture worth a thousand words? The effects of maps and warning messages on how publics respond to disaster information. *Public Relations Review* 43(3), 493-506.
  18. **Sutton, J.**, & Woods, C. W.\* (2016). Tsunami warning message interpretation and sense making: Focus group insights. *Weather, Climate, and Society*, 8(4), 389-398.
  17. Bean, H., Liu, B. F., Madden, S., **Sutton, J.**, Wood, M., & Mileti, D. (2015). Disaster warnings in your pocket: A qualitative study of how audiences interpret wireless emergency alerts. *Journal of Contingencies and Crisis Management*, 24(3), 136-147.
  16. **Sutton, J.**, Gibson, C. B., Phillips, N. E., Spiro, E. S., League, C., Johnson, B., Fitzhugh, S. M., & Butts, C. T. (2015). A cross-hazard analysis of Twitter warning messages. *Proceedings of the National Academy of Sciences*, 112(48), 14793-14798.
  15. **Sutton, J.**, Spiro, E. S., Gibson, B. C., Fitzhugh, S., Johnson, B., League, C., & Butts, C. T. (2015). What it takes to get passed on: Message content, style, and structure as predictors of retransmission in the Boston marathon bombing response. *PLoS ONE*, 10(8), e0134452. doi:10.1371/journal.pone.0134452
  14. Bean, H., **Sutton, J.**, Liu, B. F., Madden, S., Wood, M., & Mileti, D. (2015). The study of mobile public warning messages: A research review and agenda. *The Review of Communication*, 15(1), 60-80.
  13. **Sutton, J.**, League, C., Sellnow, T., & Sellnow, D. (2015). Terse messaging and public health in the midst of natural disasters: The case of the Boulder Floods. *Health Communication*, 30(2), 135-143.
  12. **Sutton, J.**, Spiro, E. S., Johnson, B., Fitzhugh, S., Gibson B., & Butts, C. T. (2013). Warning Tweets: Serial transmission of warning messages during a disaster event. *Information Communication and Society*, 17(6), 765-787.
  11. Liel, A., Corotis, R. B., Camata, G., **Sutton, J.**, Hotzman, R. & Spacone, E. (2013). Perceptions of decision-making roles and priorities affecting rebuilding after disaster: The example of L'Aquila, Italy. *Earthquake Spectra*, 29(3), 843-68.
  10. **Sutton, J.**, Spiro, E. S., Butts, C. T., Fitzhugh, S., Johnson, B., & Greczek, M.\* (2013). Tweeting the spill: Online informal communications, social networks, and conversational microstructures

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during the Deepwater Horizon Oilspill. *International Journal of Information Systems for Crisis Response and Management*, 5(1), 58-76.

9. **Sutton, J.** (2009). Social media monitoring and the Democratic National Convention: New tasks and emergent processes. *Journal of Homeland Security and Emergency Management*, 6(1).
8. Peek, L. A., **Sutton, J.**, & Gump, J. (2008). Caring for children in the aftermath of traumatic events: A case study of the Church of the Brethren Disaster Child Care Program. *Children, Youth, and Environments*, 18(1), 408-21.
7. Massey, K., & **Sutton, J.** (2007). The faith community's role in responding to disasters. *Southern Medical Journal*, 100(9), 944-45.
6. **Sutton, J.** (2006). Convergence of the faithful: Spiritual care response to disaster and mass casualty events. *Journal of Pastoral Theology*, 16(2).
5. **Sutton, J.**, Graham, L., & Massey, K. (2006). Faith based response to disaster: Resources from the social sciences and organizations active in disaster. *Journal of Pastoral Theology* 16(2).
4. Hunter, L. M., & **Sutton, J.** (2004). Examining the association between hazardous waste and 'rural brain-drain'. *Rural Sociology*, 69(2), 197-212.
3. Hunter, L. M, White, M. J., Little, J. S., & **Sutton, J.** (2003). Environmental risk, migration, and equity. *Population and Environment*, 25(1), 23-39.
2. Peek, L. A., & **Sutton, J.** (2003). An Exploratory Comparison of Disasters, Riots, and Terrorist Acts. *Disasters: The Journal of Disaster Studies, Policy and Management* 27(4): 141-57.
1. **Sutton, J.** (1996). Silent No More. *Church and Society*, May 1996.

#### Peer-Reviewed Conference Proceedings

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13. Shi, J., Kohler M., **Sutton, J.**, & Ampuero, J. P. (2017). Mapping coherent, time-varying wavefronts from the 2011 Tohoku Tsunami into enhanced, time-dependent warning messages. *Proceedings of the 16<sup>th</sup> World Conference on Earthquake, 16WCEE 2017*. Santiago, Chile. Paper No. 4587.
12. **Sutton, J.**, Spiro, E. S., Johnson, B., Fitzhugh, S., Gibson, B., & Butts, C. T. (2014). Terse message amplification in the Boston bombing response. *Proceedings of the 11<sup>th</sup> International ISCRAM Conference*, (pp. 612-621). University Park, Pennsylvania, USA
11. Spiro, E. S., **Sutton, J.**, Fitzhugh, S., Greczek, M.\*, Pierski, N., & Butts, C. T. (2012). Rumoring during extreme events: A case study of Deepwater Horizon 2010. *WebSci '12: Proceedings of the 3rd Annual ACM Web Science Conference*. New York: Association for Computing Machinery, 275-283. [Best Social Science Student Paper Award]
10. **Sutton, J.** (2012). When online is off: Public communications following the February 2011 Christchurch, NZ earthquake. *Proceedings of the 9<sup>th</sup> International ISCRAM Conference*. Vancouver, CA.

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9. **Sutton, J.**, Spiro, E. S., Greczek, M.\*, Johnson, B., Fitzhugh, S., & Butts, C. T. (2012). Connected communications: Network structures of official communications in disaster. *Proceedings of the 9<sup>th</sup> International ISCRAM Conference*. Vancouver, CA.
  8. **Sutton, J.**, Hansard, B., & Hewett, P. (2011). Changing channels: Communicating warning information following the February 2010 tsunami. *3rd International Joint Topical Meeting on Emergency Preparedness & Response and Robotics & Remote Systems 2011: EPRRS- Emergency Management & Robotics for Hazardous Environments*. Red Hook, NY: Curran Associates.
  7. **Sutton, J.** (2010). Twittering Tennessee: Distributed networks and collaboration following a technological disaster. *Proceedings of the 7<sup>th</sup> International ISCRAM Conference*. Seattle, WA.
  6. Shklovski, I., Palen, L., & **Sutton, J.** (2008). Finding community through information and communication technology during disaster events. *CSCW '08: Proceedings of the 2008 ACM Conference on Computer Supported Cooperative Work*. New York: Association for Computing Machinery.
  5. Hughes, A., Palen, L., **Sutton, J.**, Liu, S., & Vieweg, S. (2008). Site-seeing in disaster: An examination of on-line social convergence. *Proceedings of the 5<sup>th</sup> International ISCRAM Conference*. Washington, D.C.
  4. Liu, S., Palen, L., **Sutton, J.**, Hughes, A., & Vieweg, S. (2008). In search of the bigger picture: The emergent role of on-line photo sharing in times of disaster. *Proceedings of the 5<sup>th</sup> International ISCRAM Conference*. Washington, D.C.
  3. **Sutton, J.**, Palen, L., & Shklovski, I. (2008). Back-channels on the front lines: Emerging use of social media in the 2007 Southern California Wildfires. *Proceedings of the 5<sup>th</sup> International ISCRAM Conference*. Washington, D.C.
  2. Vieweg, S., Palen, L., Liu, S., Hughes, A., & **Sutton, J.** (2008). Collective intelligence in disaster: Examination of the phenomenon in the aftermath of the 2007 Virginia Tech shooting. *Proceedings of the 5<sup>th</sup> International ISCRAM Conference*. Washington, D.C.
  1. Palen, L., Vieweg, S., **Sutton, J.**, Liu, S. & Hughes, A. (2007). Crisis informatics: Studying crisis in a networked world. *Proceedings of the Third International Conference on E-Social Science*. Manchester, UK.

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## Chapters in Books and Monographs

- Friedman, S. & **Sutton, J.** (forthcoming). Evolving coverage of risk in the mass and social media. In H. D. O'Hair and M. J. O'Hair (Eds.), *Handbook of Applied Communication Research*. Wiley.
- Sutton, J.**, & Veil, S. (2017). Risk communication and social media. In R. Kasperson (Ed.), *Risk conundrums: Solving unsolvable problems* (pp. 96-111). London: Earthscan.



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Bennett, D., Phillips, B. D., Thomas, D. S. K., Gruntfest, E. & **Sutton, J.** (2013). New ideas for practitioners. In D. S. K. Thomas, B. D. Phillips, W. E. Lovecamp & A. Fothergill (Eds.), *Social vulnerability to disaster* (2<sup>nd</sup> ed., pp. 473-500). New York, NY: CRC Press.

Briese, G., & **Sutton, J.** (2009). New media for incident command systems. In T. Deal & V. Huyck. (Eds.), *Beyond initial response: Using the National Incident Management System's Incident Command System* (pp. 12.1-12.8). Bloomington, IN: AuthorHOUSE.

Liu, S. B., Palen L., **Sutton, J.**, Hughes A. L., & Vieweg S. (2009). Citizen photojournalism during crisis events. In S. Allan & E. Thorsen, *Citizen journalism: Global perspectives* (pp. 43-64). New York, NY: Peter Lang.

**Sutton, J.** (2003). A complex organizational adaptation to the WTC Disaster: An analysis of faith based organizations. In *Beyond September 11: An account of post-disaster research* (pp. 405-428). Boulder, CO: Natural Hazards Research and Applications Information Center, University of Colorado.

## Research Bibliographies

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Bandy, R., Johnson A., Peek L., & **Sutton, J.** (2004). *Public hazards communication annotated bibliography*. Boulder, CO: Natural Hazards Research and Applications Information Center, University of Colorado.

**Sutton, J.**, Mileti, D., Sorensen, J., Sorensen, B. V. (2002). *Hazards public communication bibliography*. Boulder, CO: Natural Hazards Research and Applications Information Center, University of Colorado.

## Book Reviews

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**Sutton, J.** (2009). Review of *Leadership in Disaster: Learning for a Future with Global Climate Change* by R. Murphy. *Canadian Journal of Sociology* 34(4), 1115-17.

**Sutton, J.** (2006). Review of *In the Wake of Disaster: Religious Responses to Terrorism and Catastrophe* by Harold G. Koenig, M.D. *Journal of Homeland Security and Emergency Management* 3(3).

## Research Reports

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**Sutton, J.** & Fischer, L. (2019). *Eye-Tracking the Storm: Preliminary Findings Report*. Report prepared for the SDR-VII Funded Research program in the College of Communication and Information, University of Kentucky.

**Sutton, J.**, Sellnow, T., & Wickline, W.\* (2015). *A cross-disciplinary agenda for disaster, crisis, and risk communication research from the Disaster Communication: Redesigned workshop*. Final report prepared for the National Science Foundation. Retrieved from: [https://issuu.com/ukgradcomm/docs/2014\\_natural\\_hazards\\_and\\_disasters\\_](https://issuu.com/ukgradcomm/docs/2014_natural_hazards_and_disasters_)

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- Bean, H., Liu, B., Madden, S., Mileti, D., **Sutton, J.** and Wood, M. (2014) *Comprehensive testing of imminent threat public messages for mobile devices*. National Consortium for the Study of Terrorism and Responses to Terrorism (START). College Park. Retrieved from: [https://www.dhs.gov/sites/default/files/publications/WEA Comprehensive Testing of Imminent Threat Public Messages for Mobile Devices Updated Findings.pdf](https://www.dhs.gov/sites/default/files/publications/WEA%20Comprehensive%20Testing%20of%20Imminent%20Threat%20Public%20Messages%20for%20Mobile%20Devices%20Updated%20Findings.pdf)
- Eguchi, R., Elwood, K., Lee, E. K., Berger, J., Boulanger, R., Buckle, I., Comerio, M., Davidson, R., Greene, M., Fritz, H., Furukawa, T., Mahin, S., Robertson, I., Sakamoto, Y., **Sutton, J.**, & Tsugawa, M. (2012). *The 2010 Canterbury and the 2011 Christchurch New Zealand earthquakes and the 2011 Tohoku Japan earthquake: Emerging research needs and opportunities*. Workshop Report. Earthquake Engineering Research Institute, Oakland, CA.
- Comerio, M., Elwood, K., Berkowitz, R., Bruneau, M., Dismuke, J., Gavin, H., Gould, N., Jaiswal, K., Kirsch, T., Lai, T., Marshall, J., Mayes, R., Mitrani-Reiser, J., Morgan, T., Mote, T., Peek, L., Sritharan, S., **Sutton, J.**, Turner, F., Wein, A., & Yashinsky, M. (2011). *The M6.3 Christchurch, New Zealand, earthquake of February 22, 2011: Learning from earthquakes special report*. Earthquake Engineering Research Institute, Oakland, CA.
- Sutton, J.** (2009). *Potential contributions of emerging information and communication technologies for community resilience*. Submitted to the Community and Regional Resilience Institute, Oak Ridge National Laboratories, Oak Ridge, TN.
- Tierney, K. J., **Sutton, J.**, Bevc, C. A., & Jordan, A. (2009). *Lessons learned from the participatory research process on community field studies of regional collaboration*. (Research Brief.) Working Group 3, Societal Dimensions of Terrorism, Center for the Study of Terrorism and the Response to Terrorism, University of Maryland, College Park.
- Ritchie, L. A., Tierney, K. J., Austin, D., Beres, M., Bevc, C. A., Gilbert, B., & **Sutton, J.** (2008). *Disaster preparedness among community-based organizations in the city and county of San Francisco*. Natural Hazards Center, University of Colorado Boulder.
- Tierney, K. J., **Sutton, J.**, Kuligowski E., Bevc, C. A., & Jordan, A. (2008). *Preliminary findings on UASI implementation in four communities*. (Research Brief.) Working Group 3 Societal Dimensions of Terrorism, Center for the Study of Terrorism and the Response to Terrorism, University of Maryland, College Park.
- Tierney, K. J., **Sutton, J.**, Kuligowski, E., Bevc, C. A., & Jordan, A. (2008). *A social networks approach to UASI regional collaboration*. (Research Brief.) Working Group 3, Societal Dimensions of Terrorism, Center for the Study of Terrorism and the Response to Terrorism, University of Maryland, College Park.
- Sutton, J.**, & Tierney, K. J. (2006). *Disaster preparedness: Concepts and guidance*. Report for the Fritz Institute Conference on Bay Area Disaster Preparedness.
- Tierney, K. J., & **Sutton, J.** (2005). *Cost and culture: Barriers to the adoption of information technology in emergency management*. Research Accomplishments Volume for RESCUE: Responding to Crises and Unexpected Events.
- Mileti, D., Sorensen, J., Sorensen, B. V., **Sutton, J.** (2004). *Warning America. Final report*. Submitted to the Federal Emergency Management Agency, Washington, D.C.

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**Sutton, J.** (2002). *The response of faith-based organizations in New York City following the World Trade Center attacks on September 11, 2001.* (Quick Response Report #147. ) Boulder, CO: Natural Hazards Research and Applications Information Center, University of Colorado.

## **Other Publications**

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**Sutton, J.** (2017). Communicating imminent threat in wildfire events. *Fire Protection Engineering Magazine*. 4(76): 10-13.

**Sutton, J.,** Johnson, B., Spiro, E. S., & Butts, C. T. (2013). *Tweeting what matters: Information, advisories, and alerts following the Boston Marathon events.* (Online Research Highlight.) Retrieved from Hazards, Emergency Response, and Online Information Communication website: [http://lakshmi.calit2.uci.edu/heroicproject/?page\\_id=565](http://lakshmi.calit2.uci.edu/heroicproject/?page_id=565)

**Sutton, J.,** Spiro, E. S., Johnson, B., Fitzhugh, S., & Butts, C. T. (2013). *Tweeting Boston: The influence of microstructure in broadcasting messages through Twitter.* (Online Research Highlight.) Retrieved from Hazards, Emergency Response, and Online Information Communication website: [http://lakshmi.calit2.uci.edu/heroicproject/?page\\_id=540](http://lakshmi.calit2.uci.edu/heroicproject/?page_id=540)

**Sutton, J.,** Spiro, E. S., Johnson, B., & Butts, C. T. (2012). Following the bombing. (Online Research Highlight.) Retrieved from Hazards, Emergency Response, and Online Information Communication website: [http://lakshmi.calit2.uci.edu/heroicproject/?page\\_id=502](http://lakshmi.calit2.uci.edu/heroicproject/?page_id=502)

Spiro, E. S., **Sutton, J.,** Johnson, B., Fitzhugh, S., & Butts, C. T. (2012). Superstorm Sandy: Exploring the Twitter response. Online Research Highlight. Retrieved from Hazards, Emergency Response, and Online Information Communication website: [http://lakshmi.calit2.uci.edu/heroicproject/?page\\_id=411](http://lakshmi.calit2.uci.edu/heroicproject/?page_id=411)

## **Manuscripts in Progress**

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**Sutton, J.,** & Fischer, L. (Data collection and analysis: Fall 2019 submission). Eye-tracking the storm. Target: *Science Communication*.

**Sutton, J.,** James, L., and Fischer, L. (Data analysis: Fall 2019 submission). Wireless Emergency Alerts and Shake Alert messaging: Testing behavioral responses. Target: *Risk Analysis*.

Prestley, R\*. , Vos, S. C. \*, Olson, M.\*, & **Sutton, J.** (Manuscript preparation: Spring 2019 submission). Content analysis of Hurricane Harvey media coverage. Target: *Bulletin of the American Meteorological Society*.

**Sutton, J.** & Butts, C. T. (Manuscript preparation: Fall 2019 submission). Social media and the Social Amplification of Risk. Target: *Risk Analysis*.

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## Papers Presented at Professional Meetings

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- Sutton, J.**, James, L., & Fischer, L. (2019, December). *Behavioral responses to ShakeAlert Messages: Is "Drop, Cover, Hold On!" Actionable?* Submitted for presentation at the American Geophysical Union Annual Meeting. San Francisco, CA.
- Sutton, J.** & Kuligowski, E. (2019, November). *I've got to warn people! (But what do I tell them?)*. Submitted for presentation at the International Association of Emergency Managers Annual Meeting. Savannah, GA.
- Sutton, J.** & Fischer, L. (2019, June). *Visual risk communication: Attention, Understanding, and Decision Making in Response to a Changing Tornado Scenario*. At the Fifth Conference on Weather Warnings and Communication. San Diego, CA.
- Sutton, J.**, Renshaw, S., Vos, S.C.\*, Olson, M.\*, Prestley, R.\*, & Butts, C.T. (June 2019). *Longitudinal engagement and audience attention: Message contents and features that get passed on*. At the Fifth Conference on Weather Warnings and Communication. San Diego, CA.
- Sutton, J.**, & Fischer, L. (2019, January). *Eye-tracking the storm*. The 14<sup>th</sup> Symposium on Societal Applications: Policy, Research, and Practice. At the American Meteorological Society annual meeting, Phoenix, AZ.
- Renshaw, S., Butts, C. T., & **Sutton, J.** (2018). *Leveraging Inter-organizational actors' extended networks: A relational event model of public National Weather Service communications*. PSA2018, Portland, OR.
- Sutton, J.**, Olson, M. K.\*, Prestley, R.\*, Renshaw, S. L., Vos, S. C.\*, & Butts, C. T. (2018, November) *Build community before the storm: How the National Weather Service uses digital engagement and dialogic strategies on social media*. The National Communication Association: Applied Communication Division. Salt Lake City, UT.
- Sutton, J.**, Olson, M. K., Renshaw, S., Vos, S. C., & Butts, C. T. (2018, January). *Social media communication across the weather continuum: Introducing the social media engagement model for the National Weather Service*. 13<sup>th</sup> Symposium on Societal Applications: Policy, Research, and Practice. At the American Meteorological Society annual meeting, Austin, TX.
- Vos, S. C.\*, Phillips, N. E., & **Sutton, J.** (2017, May). *Identifying naturally occurring interventions related to cancer on social networking sites: Focusing events and public discussion*. Paper presented at the annual meeting of the International Communication Association, San Diego, CA.
- Vos, S. C.\* & **Sutton, J.** (2016, November). *Designing messages for diffusion: Using SNS effectively during a public health crisis*. Paper presented at the annual meeting of the National Communication Association, Philadelphia.
- Vos, S. C.\* & **Sutton, J.** (2016, October). *Increasing the retransmission of public health messages on SNS: Empirically based recommendations from the Zika and Ebola crises*. Paper presented at the annual meeting of the American Public Health Association, Denver, Co.

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- Sutton, J.** (2016, April). *Designing disaster warnings for behavioral change: The intersection of technological innovation and effective messages*. Broadcast Educators Association, Risk and Health Communication Symposium, Las Vegas, NV.
- Phillips, N., League, C., Johnson, B., **Sutton, J.**, & Butts, C. T. (2016, April). *The formation and evolution of state emergency operations plan networks*. 36<sup>th</sup> Sunbelt Conference of the International Network for Social Network Analysis, Fashion Island, CA.
- Sutton, J.**, Lane, D., Williams, G.\*, Burns, W., & Slovic, P. (2015, December). *Online risk talk: An analysis of real time public risk perceptions about terrorism*. Society for Risk Analysis., Washington D.C.
- Bean, H., **Sutton, J.**, Liu, B. F., Madden, S., Wood, M., & Mileti, D. S. (2014, November). *The study of public warning messages delivered over mobile devices: Integrating relevant literatures and setting the communication research agenda*. National Communication Association. Chicago, IL.
- Bean, H., Madden, S., Liu, B. F., **Sutton, J.**, Wood, M., & Mileti, D. S. (2014, November). *Disaster warnings in your pocket: A qualitative study of how audiences interpret Wireless Emergency Alerts*. National Communication Association, Chicago, IL.
- Seeger, M., & **Sutton, J.** (2014, November). *Recipes for disasters: Crisis communication's theory problem*. Panel on Theorizing Crisis Communication, Rhetorical and Communication Theory Division. National Communication Association, Chicago, IL.
- Sutton, J.**, Spiro, E. S., Johnson, B., Fitzhugh, S., Gibson, C. B. & Butts, C. T. (2013, August) *Warning Tweets: Serial transmission of warning messages during a disaster event*. 108<sup>th</sup> Annual Meeting of the American Sociological Association, New York, NY.
- Spiro, E. S., **Sutton, J.**, Fitzhugh, S., Greczek, M.\*, Pierski, N., & Butts, C. T. (2012, June). *Rumoring during extreme events: A case study of Deepwater Horizon 2010*. ACM Web Science 2012 Conference (WebSci12), Evanston, IL.
- Spiro, E. S., **Sutton, J.**, & Butts, C. T. (2012, June). *Shifting attention: The effect of external stimuli on social ties among emergency management organizations*. Political Networks Conference, Boulder, CO.
- Johnson, B., **Sutton, J.**, Spiro, E. S., Fitzhugh, S., & Butts, C. T. (2012, June). *Technology lineage and adoption: Diffusion of microblog technologies among government organization*. Political Networks Conference, Boulder, CO.
- Spiro, E. S., **Sutton, J.**, Fitzhugh, S., & Butts, C. T. (2012, May). *A microstructure topology for hyperedge communication events*. 32<sup>nd</sup> International Sunbelt Social Network Conference, International Network for Social Network Analysis, Redondo Beach, CA.
- Sutton, J.**, Spiro, E. S., Johnson, B., Greczek, M.\*, Fitzhugh, S., & Butts, C. T. (2012, May). *Connected communications: Network structures of official communications in disaster*. 32<sup>nd</sup> International Sunbelt Social Network Conference, International Network for Social Network Analysis, Redondo Beach, CA.

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- Johnson, B., **Sutton, J.**, Spiro, E. S., Fitzhugh, S., & Butts, C. T. (2012, May). *Disruptive diffusion: Adoption of microblog technologies among urban organizations*. 32<sup>nd</sup> International Sunbelt Social Network Conference, International Network for Social Network Analysis, Redondo Beach, CA.
- Spiro, E. S., Acton, R. M., **Sutton, J.**, Greczek, M.\*, Pierski, N., Fitzhugh, S., & Butts, C. T. (2011, May). *Rumoring in informal online communication networks*. 31<sup>st</sup> International Sunbelt Social Network Conference, International Network for Social Network Analysis, St. Pete Beach, FL.
- Sutton, J.**, Benight, C., & Lambert, J. (2011, July). *Disaster resilient rural communities: Access to online information and perceptions of collective efficacy*. 74<sup>th</sup> Annual Meeting of the Rural Sociological Society, Boise, ID.
- Sutton, J.**, Hansard, B., & Hewett, P. (2011, November). *Changing channels: Communicating warning information following the February 2010 tsunami*. 3<sup>rd</sup> International Joint Topical Meeting on Emergency Preparedness and Response and Robotics and Remote Systems, Knoxville, TN.
- Sutton, J.**, & Bevc, C. A. (2008, June). *Collaboration across boundaries: Research on regional preparedness networks*. National Urban Areas Security Initiative (UASI) Conference, Charlotte, NC.
- Bevc, C. A., Barlau A., **Sutton, J.**, Kuligowski E., & Jordan, A. (2008, May). *Across town ties: A comparison of regional collaboration networks*. 28<sup>th</sup> International Sunbelt Social Network Conference, International Network for Social Network Analysis, St. Pete Beach, FL.
- Palen, L., Vieweg, S., **Sutton, J.**, Liu, S., & Hughes, A. (2007, June). *Crisis informatics: Studying crisis in a networked world*. Third International Conference on e-Social Science, Ann Arbor, MI.
- Sutton, J.**, Palen, L., & Liu, S. (2007, July). *Studying disaster in a networked world: How expanding scale, technology, & attention challenge empirical study*. 2007 Hazards and Disasters Researchers Meeting, Boulder, CO.
- Sutton, J.** (2006, June). *Convergence of the faithful: Spiritual care response to disaster and mass casualty events*. Society for Pastoral Theology, Denver, CO.
- Sutton, J.**, & Tierney, K. J. (2006, May). *Disaster research as a specialized field of inquiry: History and human subjects considerations*. National Education Conference: Special Populations/Special Research Situations, U.S. Department of Health and Human Services Office for Human Research Protections, Denver, CO.
- Bevc, C. A., Butts, C. T., Lind, B., Liu S., Petrescu-Prahova, M., **Sutton, J.**, & Tierney, K. J. (2006, May). *Predictors of dyadic interaction in emergent multiorganizational networks following the World Trade Center Attacks*. 26<sup>th</sup> International Sunbelt Social Network Conference, International Network for Social Network Analysis, Vancouver, BC.
- Sutton, J.** (2004, August). *Therapeutic religion as a faith-based solution to social problems in disaster: An analysis of disaster spiritual care at the World Trade Center*. American Sociological Association, San Francisco, CA.

- Sutton, J.** (2006, August). *Vulnerability and convergence in the World Trade Center Disaster: Social management of people-types in crises*. Society for the Study of Social Problems Annual Meeting, San Francisco, CA.
- Sutton, J.** (2003, July). *Communicating emergency warnings to the public: An assessment of the state-of-the-art*. 28<sup>th</sup> Annual Natural Hazards Research Applications and Information Workshop, Boulder, CO.
- Hunter, L. M., & **Sutton, J.** (2002, July). *Rural outmigration as related to hazardous waste facilities*. Rural Sociological Society, Chicago, IL.
- Peek, L. A., & **Sutton, J.** (2002, August). *Framing the terrorist attacks of September 11, 2001: Examining theoretical approaches to disaster*. American Sociological Association, Chicago, IL.
- Sutton, J.** (2002, July). *A complex organizational adaptation to the WTC disaster: An analysis of the ARC-SAIR Team*. 27<sup>th</sup> Annual Natural Hazards Research Applications and Information Workshop, Boulder, CO.
- Sutton, J.** (2001, September). *The social construction of prairie dogs*. Human Dimensions of Natural Resources in the Western U.S. Conference, Alta, WY.
- Hunter, L. M., & **Sutton, J.** (2001, August). *Rural outmigration as related to the introduction of hazardous facilities*. American Sociological Association Annual Meeting, Anaheim, CA.
- Hunter, L. M., & **Sutton, J.** (2001, July). *The demographic implications of hazardous facility development in rural America*. 26<sup>th</sup> Annual Natural Hazards Research Applications and Information Workshop, Boulder, CO.

### Posters Presented at Professional Meetings

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- Sutton, J.**, Renshaw, S. L., Gardner, R., Olson, M., Prestley, R., Vos, S. C., Gibson, B., Yue, Y., & Butts, C. T. (2019, July). *Social media engagement strategies and message retransmission across threat contexts*. 44<sup>th</sup> Annual Natural Hazards Research and Applications Workshop, Broomfield, CO.
- Sutton, J.**, & Fischer, L. (2018, December). *Eye-tracking the storm*. The Society for Risk Analysis annual meeting. New Orleans, LA.
- Sutton, J.** & Kuligowski, E. (2018, July). *Creating alerts and warnings for short messaging channels*. 43<sup>rd</sup> Annual Natural Hazards Research and Applications Workshop, Broomfield, CO.
- Sutton, J.**, Studts, J., & Silberman, W. \* (2018, April). *Lung Cancer Focus Groups*. Kentucky Conference on Health Communication, Lexington, KY.
- Sutton, J.**, Olson, M. K.\*, Prestley, R., Renshaw, S., Vos, S. C.\*, & Butts, C. T. (2017, December). *Modeling social media engagement across the disaster continuum*. Society for Risk Analysis, Arlington, VA.

- Vos, S. C.\*, Olson, M. K.\*, & **Sutton, J.** (2017, April). *Public conversations about cancer on social networking sites: Analyzing responses to Ben Stiller's prostate cancer moment*. DC Health Communication Conference, Fairfax, VA
- Olson, M. K.\*, **Sutton, J.**, & Vos, S. C.\* (2017, April). *Threat and efficacy messages in television news following local transmission of the Zika virus in the United States*. DC Health Communication Conference, Fairfax, VA
- Vos, S. C.\*, **Sutton, J.**, & Olson, M. K.\* (2016, December). *Communicating visual risk: Threat, efficacy, and emotion in SNS messages about Zika*. Society for Risk Analysis, San Diego, CA.
- Olson, M. K.\*, **Sutton, J.**, & Vos, S. C.\* (2016, December). *Communicating threat and efficacy through the media: An analysis of news broadcasts about the Zika virus*. Society for Risk Analysis, San Diego, CA.
- Vos, S. C.\*, & **Sutton, J.** (2016, April). *Is a picture worth a thousand retweets? Images in the diffusion of public health messages on SNS*. Kentucky Conference on Health Communication, Lexington, KY.
- Williams, G.\*, **Sutton, J.**, Lane, D., Burns, W. & Slovic, P. (2015, July). *Online risk talk: An analysis of real time public risk perceptions about terrorism*. 40<sup>th</sup> Annual Natural Hazards Research and Applications Workshop, Broomfield, CO.
- Shi, X. **Sutton, J.**, Kohler, M., & Jean-Paul Ampuero (2015, July). *Mapping observations of the 2011 Tohoku tsunami into enhanced, time-dependent warning messages*. 40<sup>th</sup> Annual Natural Hazards Research and Applications Workshop, Broomfield, CO.
- Kohler, M., Ampuero, J. P., **Sutton, J.**, & Bowden, D. C. (2015, February). *Time dependent geo-targeted alerts and warnings enabled by dense observations of the 2011 Tohoku tsunami*. Seismological Research Letters. Volume 86, number 2B, Page 665.
- Vos, S. C.\*, & **Sutton, J.** (2015, May). *Messaging in a public health crisis: Using Twitter to identify effective message strategies*. DC Health Communication Conference, Fairfax, VA.
- Sutton, J.**, Benight, C., Shoji, K., Lambert, J. & Johnson, B. (2013, July). *Disaster resilient rural communities: Predictors of collective efficacy and the role of the Internet following two rural mountain disaster events*. 38<sup>th</sup> Annual Natural Hazards Research and Applications Workshop, Broomfield, CO.
- Sutton, J.**, Butts, C. T., Spiro, E. S., Johnson, B., Fitzhugh, S., & Gibson, B. (2013, July). *HEROIC: Hazards, Emergency Response, and Online Informal Communications*. 38<sup>th</sup> Annual Natural Hazards Research and Applications Workshop, Broomfield, CO.
- Tagliacozzo, S., & **Sutton, J.** (2012, July). *The use of ICTs in the stage of recovery in L'Aquila*. 37<sup>th</sup> Natural Hazards Research and Applications Workshop, Broomfield, CO.
- Sutton, J.** (2012, May). *When online is off: Public communications following the February 2011 Christchurch, NZ earthquake*. Japan-New Zealand National Science Foundation Rapid Workshop, Arlington, VA.



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- Spiro, E. S., Butts, C. T., **Sutton, J.**, Greczek, M.\*, Fitzhugh, S. M., & Pierski, N. M. (2011, July). *Informal online communication in the Deepwater Horizon Disaster*. 36<sup>th</sup> Annual Natural Hazards Research and Applications Workshop, Broomfield, CO.
- Spiro, E. S., Butts, C. T., **Sutton, J.**, Greczek, M.\*, Pierski, N., & Fitzhugh, S. (2011, July). *Rumoring during Extreme Events: Deepwater Horizon 2010*. Political Networks Conference, Ann Arbor, MI.
- Sutton, J.**, Hansard, B., & Hewett, P. (2011, July). *Changing channels: Communicating warning information following the February 2010 Tsunami*. 36<sup>th</sup> Annual Natural Hazards Research and Applications Workshop, Broomfield, CO.
- Sutton, J.**, & Benight, C. (2011, July). *Disaster resilient rural communities: Access to online information and perceptions of collective efficacy*. 36<sup>th</sup> Annual Natural Hazards Research and Applications Workshop, Broomfield, CO.
- Sutton, J.** (2011, April). *Information technology and humanitarian assistance/disaster relief: A workshop*. 2011 Mountain Lion Research Day, University of Colorado Colorado Springs.
- Sutton, J.**, & Benight, C. (2011, April). *Disaster resilient rural communities*. 2011 Mountain Lion Research Day, University of Colorado Colorado Springs.
- Sutton, J.**, & Greczek, M.\* (2011, April). *Oil tweets are crude: Online informal communication during the Deepwater Horizon Oil Spill*. 2011 Mountain Lion Research Day, University of Colorado Colorado Springs.
- Spiro, E. S., Acton, R. M., **Sutton, J.**, Greczek, M.\*, Pierski, N., Fitzhugh, S., & Butts, C. T. (2011, May). *Rumoring in informal online communication networks*. 31<sup>st</sup> International Sunbelt Social Network Conference, International Network for Social Network Analysis, St. Pete Beach, FL.
- Bevc, C. A., Butts C. T., Petrescu-Prahova, M., Cross, R., Jasny, L., Lind, B., **Sutton, J.**, & Tierney, K. J. (2006). *Emergent multiorganizational networks following the World Trade Center Attacks*. RESCUE: Responding to Crises and Unexpected Events All Hands Meeting, Irvine, CA.
- Sutton, J.**, & Tierney, K. (2005). *Cost and culture: Barriers to the adoption of information technology in emergency management*. National Science Foundation site visit for RESCUE: Responding to Crises and Unexpected Events, Irvine, CA.

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#### **Guest Lectures and Invited Public Presentations**

- Sutton, J.** & Kuligowski, E. (2019, April). Creating alerts and warnings for short messaging channels. NOAA Central Library, virtual presentation.
- Sutton, J.** (2018, August). *Build community before the storm: Social media engagement for crisis communication*. NOAA VLab, virtual presentation.
- Sutton, J.** (2018, April). *An alternative approach to health messaging when targeting a defensive audience*. KCHC Preconference, Lexington, KY.

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- Sutton, J.** (2018, March). *National Weather Service Engagement on Social Media*. NOAA: Silver Spring, MD.
- Sutton, J.** (2018, January). *Lightning Talk! Matt Parker Communication Workshop on Consistent Weather Messaging*. American Meteorological Society.
- Sutton, J.** (2017, December). *(Social) media risk communication*. Round Table on Scientific and Public Understanding of Risk: The Role of Social Sciences at the Society for Risk Analysis, Arlington, VA.
- Sutton, J.** (2017, October). *Public Alerts and Warnings on Social Media*. IPAWS Advisory Committee, Working Group 3.
- Vos, S. C.\* & **Sutton, J.** (2017, March). *Zika risk communication on Twitter: Message design features*. Zika Communication Summit, Annenberg Public Policy Center, Philadelphia, PA.
- Sutton, J.** (2017, February). *Visualizing risk communication: Zika messages on Twitter*. Faculty research seminar series, College of Communication and Information, University of Kentucky.
- Sutton, J.** (2017, February). *Communicating effective public warnings on short messaging devices*. National Tornado Summit, Norman, OK.
- Sutton, J.** (2016, December). *Communicating effective public warnings*. Warning Coordination Meteorologist Training, Regional Forecasting Office, National Weather Service, St. Louis, MO.
- Sutton, J.** (2016, August). *Episodic risk communication over short messaging devices*. The Future of Emergency Alert and Warning Systems: Research Directions, National Academy of Sciences, Washington, D.C.
- Sutton, J.** (2016, March). *Episodic risk communication over short messaging devices*. Regional Forecasting Office, National Weather Service, Jackson, KY.
- Sutton, J.** (2015, November). *Episodic risk communication over short messaging devices*. NIOSH/CDC guest lecture, College of Communication and Information, University of Kentucky, Lexington, KY.
- Sutton, J.** (2015, November). *Terse messaging on social media*. Communications Security, Reliability, and Interoperability Committee, Working Group 2, Subcommittee on Alerts and Warnings, Federal Communications Commission. (Virtual Presentation.)
- Sutton, J.** (2015, November). *Effective crisis communication on social media and other short-messaging platforms*. Enabling Fellows Seminar, National Science Foundation. (Virtual Presentation.)
- Sutton, J., & Vos, S. C.\*** (2015, August). *Effective crisis communication on social media and other short-messaging platforms*. Centers for Disease Control and Prevention, Atlanta, GA.

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- Sutton, J.** (2015, August). *Communications in crisis: Analyzing risk communication in social media*. Center for Human Dynamics in the Mobile Age, San Diego State University, San Diego, CA.
- Sutton, J.** (2015, August). *Risk communication: Alerts and warnings on social media*. American Meteorological Society Summer Community Meeting, Raleigh, NC.
- Sutton, J.,** Morse, R., Teutonico, R., Jenkins-Smith, H. (2015, May). *Interdisciplinary collaboration: Living with extreme weather*. National Weather Center, University of Oklahoma, Norman, OK.
- Sutton, J.** (2015, June). *Alerts and warnings over social media*. Workshop on using social media to evaluate risk perception and enhance decision support, University of Maryland, Baltimore, MD.
- Sutton, J.** (2015, May). *Social media and disaster response*. Operation Dragon Fire, National Voluntary Organizations Active in Disaster, New Orleans, LA.
- Sutton, J.** (2015, March). *Designing for disaster*. Keeping Current Research Series, Department of Computer Science, University of Kentucky, Lexington, KY.
- Sutton, J.** (2014, October). *Communications in crisis: Analyzing risk communication in social media*. Japan-US Risk Communication Symposium, Japan's Graduate Institute for Policy Studies, Tokyo, Japan.
- Sutton, J.,** Tapia, A., Goggins, S., Thiry, E., Lalone, N. J., & Unsworth, K. (2014, May). *Crowdsourcing crisis response: The Boston Marathon Bombing*. 11<sup>th</sup> International ISCRAM Conference – University Park, Pennsylvania, USA.
- Sutton, J.,** Burns, W., Slovic, P., John, R., Rosoff, H., Dillon-Merrill, R., & Sellnow, T. (2014, April). *Risk perception and communication panel*. CREATE Homeland Security Center Pre- Anniversary Event, University of Southern California. USA.
- Sutton, J.** (2014, May). *Warnings*. Disaster Research Center 50<sup>th</sup> Anniversary Event. University of Delaware, USA.
- Sutton, J.** (2013, November). *The sociology of disaster and social media*. Institute for Public Relations Research, Trustees Research Symposium, Yale Club, New York, NY.
- Sutton, J.** (2013, November). *Online hazard communication in the terse regime: Salience and amplification of disaster warning messages*. Research Seminar, College of Communication and Information, University of Kentucky, Lexington, KY.
- Sutton, J.** (2013, May). *Alerts, warnings, and social media: What works, what doesn't, and what makes a difference*. Association of Contingency Planners, Colorado Rocky Mountain Region, Greenwood Village, CO.
- Sutton, J.** (2013, June). *Public messaging with social media: An overview*. National Urban Areas Security Initiative (UASI) Conference, Los Angeles, CA.

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- Sutton, J.** (2013). *Social media and disaster response: A brief historical overview*. Production Operations Management Society: Humanitarian Operations and Crisis Management Mini Conference, Denver, CO.
- Sutton, J.** (2013). *Serial transmission of tweets during the Waldo Canyon fire*. *Risk Communication Theme*, National Center for Food Protection and Defense. (Virtual Presentation.)
- Sutton, J.** (2013). *It's more than just chatter: Social media and disaster response*. Department of Industrial and Systems Engineering, Texas A&M University, College Station, TX..
- Sutton, J.** (2013). *Summary of findings from public responses to alerts and warnings on mobile devices*. National Academies of Science, Washington, DC.
- Sutton, J.** (2012). *Social media for disaster response*. White House Office of Science and Technology Policy, Subcommittee on Disaster Reduction, White House Conference Center, Washington, DC.
- Sutton, J.** (2012, March). *Informal Online Communication: Uses and Abuses of Social Media in Disaster*. Earthquake Engineering Research Institute, Annual Meeting and Earthquake Conference, Memphis, Tennessee.
- Sutton, J.** (2012). *Informal online communications: Changing channels in disaster response*. Utah Governor's Public Safety Conference, Layton, UT.
- Sutton, J.,** Wood, M., Bean, H., & Mileti, D. (2012, July). *Sirens in their pockets*. World Conference on Disaster Management, Toronto, Canada.
- Sutton, J.** (2011, October). *Social media and emergency management panelist*. San Francisco Fleet Week, Senior Leaders Seminar, San Francisco, CA.
- Sutton, J.** (2011). *Changing channels: Social media and disaster communications*. Los Angeles Emergency Management Department, Los Angeles, CA.
- Sutton, J.** (2010). *On the line, in fire*. Denver Shared Strategies Conference, Denver Urban Area Security Initiative, Denver, CO.
- Sutton, J.** (2010). *Perils and pitfalls of social media for public information officers*. Chemical Stockpile Emergency Preparedness Program Integrated Process Team Meeting, Little Rock, AR.
- Sutton, J.** (2010). *Crisis communications: What's new?* American Society for Industrial Security, Denver Chapter, Denver, CO.
- Sutton, J.** (2010). *Social media for disaster response: Lessons from research*. Church World Service Forum on Domestic Disaster Ministry, New Windsor, MD.
- Sutton, J.** (2010). *Warning systems, risk communication, and new social media: How technological innovation is changing the landscape for disaster communications*. Wisconsin Emergency Management, 43rd Annual Governor's Conference on Homeland Security and Emergency Management, Appleton, WI.

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- Sutton, J.** (2010). *Warning systems, risk communication, and new social media: how technological innovation is changing the landscape for disaster communications*. Minnesota Department of Public Safety, Emergency Management, and Homeland Security, 45<sup>th</sup> Annual Governor's Homeland Security and Emergency Management Conference, Minneapolis, MN.
- Sutton, J.** (2010). *How social media are changing the landscape for crisis communications*. Midwest Disasters 2.0., Overland Park, KS.
- Sutton, J.** (2010). *Social media and disasters: Ripple effects for alerts and warnings*. Midwest Disasters 2.0., Overland Park, KS.
- Sutton, J.** (2009). *Warning systems, risk communication, and new social media: How technological innovation is changing the landscape for disaster communications*. Utah Public Officials Conference, Salt Lake City, UT.
- Sutton, J.** (2009). *Crisis communications: What's new?* The Conference Board, New York, NY.
- Sutton, J.** (2009). *Warning systems, risk communication, and new social media: How technological innovation is changing the landscape for disaster communications*. Association of Emergency Medical Services Ontario Annual Conference, Toronto, QC.
- Sutton, J., & Mileti, D.** (2009). *Social media and public disaster warnings*. Ogma Workshop, Naval Postgraduate School, Monterey, CA.
- Sutton, J.** (2009, July). *Warning systems, risk communication, and new social media: How technological innovation is changing the landscape for disaster communications*. World Conference on Disaster Management, Toronto, Canada.
- Sutton, J.** (2009). *Twittering Tennessee: Emerging applications of microblogging in disaster response*. Invited presentation to the U.S. Department of Homeland Security, Private Sector Office, Washington, DC.
- Sutton, J.** (2008). *New social media in extreme events: Peer-to-peer communication channels and situational awareness*. National Emergency Managers Association 35<sup>th</sup> Annual Meeting, Portland, OR.
- Sutton, J., & Palen, L.** (2008). *Crisis informatics: Understanding ICT-enabled peer-to-peer communications*. Briefing to FEMA Region VIII, Lakewood, CO.
- Sutton, J.** (2008, July). *Peer-to-peer communication in emergency events: A crisis informatics perspective*. 33<sup>rd</sup> Annual Natural Hazards Research Applications and Information Workshop, Boulder, CO.
- Sutton, J.** (2008). *Crisis informatics at the University of Colorado*. Group Transactions, Professor Gordon Gow, University of Alberta. (Virtual Lecture.)
- Sutton, J.** (2008). *2007 Southern California wildfire research*. Professor Nalini Venkatasubramanian, University of California, Irvine. (Virtual Lecture )
- Sutton, J.** (2007, July). *Preparedness for terrorism and extreme events*. National Urban Areas Security Initiative (UASI) Conference, Miami, FL.
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- Sutton, J.** (2007). *Preparing for human continuity is more than just psychological first aid*. Spring World 2007, Disaster Recovery Journal, Orlando, FL.
- Sutton, J.** (2007). *The Natural Hazards Center*. Weathering Disasters, NWS 2007 Disaster and Emergency Services Workshop, Montana Disaster and Emergency Services. (Virtual Lecture.)
- Sutton, J., & Tierney, K.** (2006). *Preparedness guidance and metrics*. Assessing Disaster Preparedness Conference, Fritz Institute, Sebastopol, CA.
- Sutton, J.** (2006). *The Natural Hazards Center and social science research*. Environmental Studies Orientation, University of Colorado Boulder, Boulder, CO.
- Sutton, J., & Tierney, K.** (2006). *Vulnerability science and disaster*. Graduate Division Course on Environment and Society, University of Colorado Boulder, Boulder, CO.
- Sutton, J.** (2006). *The Natural Hazards Center and research on vulnerability science*. Qwest Business Continuity Division, Denver, CO.
- Sutton, J.** (2006). *Social science research and disasters*. The Boulder Optimist Club, Boulder, CO.
- Sutton, J.** (2006). *Effective warning systems for hazards and disasters*. Multidisciplinary Tsunami Symposium, University of Colorado Boulder, Boulder, CO.
- Sutton, J., & Gruntfest, E.** (2004). *How and why sociologists study disasters: Methods, theory, and findings*. Disasters and Society, University of Colorado Colorado Springs, Colorado Springs, CO.
- Sutton, J.** (2004). *Is disaster spiritual care becoming therapeutic religion?* Church World Service Emergency Response Program Forum on Domestic Disaster Ministry, Princeton, NJ.
- Sutton, J.** (2004). *Participant observation*. Sociology in Progress Series. University of Colorado Boulder, Boulder, CO.
- Sutton, J.** (2004). *Social movements*. Social Movements, University of Colorado Boulder, Boulder, CO..
- Sutton, J.** (2003). *Ethnographic methods: Field interviews and data gathering*. Ethnographic Methods, University of Colorado Boulder, Boulder, CO.
- Sutton, J.** (2003). *Faith-based organization responses to the World Trade Center disaster*. West Midlands Fire Service, Emergency Planning Unit: Cultural Awareness in Emergency Planning, Birmingham, England.
- Sutton, J.** (2002). *Using EndNote for bibliographic references*. Institute for Behavioral Science, University of Colorado Boulder, Boulder, CO.
- Sutton, J., & Hunter, L. M.** (2002). *Hazardous waste and rural America*. Institute for Behavioral Science Colloquia, University of Colorado Boulder, Boulder, CO.

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**Sutton, J.** (2001). *Faith community responses to terrorist attacks in New York City*. Learning from Urban Disasters, National Science Foundation Response and Opportunities for Future Research Workshop, New York, NY.

**Sutton, J.** (2001). *Faith community responses to terrorist attacks in New York City*. Sociology in Progress Series, University of Colorado Boulder, Boulder, CO.

**Sutton, J., & Hunter, L. M.** (2000). *Sociology of religion*. Analyzing Society, University of Colorado Boulder, Boulder, CO.

### Courses Taught

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2015-2019	COM 535. Risk and Crisis Communication, University of Kentucky (taught twice each academic year)
2018	CJT 721. Risk Communication, University of Kentucky.
2016	CJT 780. Special Topics: Communication Across the Disaster Lifecycle, University of Kentucky
2010	Societal Impacts of and Responses to Terrorism—Center for the Study of Terrorism and Responses to Terrorism, U.S. Department of Homeland Security Center of Excellence, University of Maryland

### Instructional Development

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Project Management, Engineering Management Program, University of Colorado Boulder. (2007).

Teaching Sociology Graduate Seminar, University of Colorado Boulder. (2005).

Graduate Teacher Program Spring Intensive, University of Colorado Boulder. (2005).

Graduate Teacher Program Spring Intensive, University of Colorado Boulder. (2003).

Supervisor in Training, Clinical Pastoral Education Program, Presbyterian/St. Luke Medical Center, Denver, CO. (1998).

### Journal Article Reviewer

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- *Bulletin of the American Meteorological Society*
- *Children, Youth and Environment*
- *Communication Monographs*
- *Communication Research*
- *Communication Studies*
- *Disasters: Journal of Disaster Studies, Policy, and Management*
- *Environment and Behavior*
- *Environment and Society*

- *Environmental Sociology*
- *European Journal of Information Systems*
- *Health Communication*
- *Hurricane Katrina Quick Response Research*
- *International Journal of Disaster Risk Reduction*
- *International Journal of E-Planning Research*
- *International Journal of Environmental Research and Public Health*
- *International Journal of Human Computer Interaction*
- *International Journal of Information Management*
- *International Journal of Mass Emergencies and Disasters*
- *Journal of Applied Communication Research*
- *Journal of Broadcasting and Electronic Media*
- *Journal of Communication*
- *Journal of Contingencies and Crisis Management*
- *Journal of Flood Risk Management*
- *Journal of Homeland Security and Emergency Management*
- *Journal of Human and Ecological Risk Assessment*
- *Population and Environment*
- *Proceedings of the National Academy of Sciences*
- *Risk Analysis*
- *Risk, Hazards, and Crisis in Public Policy*
- *Royal Society Interface*
- *Rural Studies Review*
- *Safety Science*
- *Social Problems*
- *Social Science Journal*
- *Social Science Quarterly*
- *Weather, Climate, and Society*

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## Editorial Positions

**Trial Editor**, *Natural Hazards Review*. (2018 - 2019)

**Assistant Co-Editor**, *Natural Hazards Review*. (2004 -2005.)

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## Fellowships, Honors, and Recognitions

**Faculty Fellow in Science Communication**, University of Kentucky, Center for Appalachian Research in Environmental Sciences (2018).

**Visiting Scientist, Hazardous Weather Testbed**. University of Oklahoma, Severe Storms Lab. (2018).

**College Research Award**, College of Communication and Information, University of Kentucky (2016).



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**Next Generation Scholar**, Consortium for Science, Policy, and Outcomes, University of Arizona, Tempe (2010)

**Outstanding Graduate Student Paper Award**, Department of Sociology, University of Colorado Boulder (2004)

**First Place Winner, Graduate Student Paper Award**, Society for the Study of Social Problems, Theory Division (2004)

## **Professional Activities**

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**Mentor**, Bill Anderson Fund, University of Delaware, 2019

**Member**, Department of Homeland Security, Science and Technology; Alerts, Warnings, and Notifications Working Group, 2019.

**Subject Matter Expert**, USGS ShakeAlert Joint Committee for Communication, Education, and Outreach, 2018-2019.

**Subject Matter Expert**, National Center for Disaster Medicine and Public Health, State of Disaster Survey. 2017.

**Member**, Markey Cancer Center, Cancer Prevention and Control Program. 2017 - 2018.

**Member**, National Institute for Standards and Technology, National Construction Safety Team Advisory Board. 2017-present.

**Working Group Appointee**, National Alliance for Social behavioral Systems and Extreme Environmental Events, University of Oklahoma. 2016-2017.

**Member**, Technical Advisory Panel, Standardizing Community-Wide Public Alerts in Emergencies, Fire Protection Research Foundation, National Institution of Standards and Technology. 2016-2017.

**Invited Summit Participant**, White House Office of Science and Technology Policy, White House Earthquake Resiliency Summit. 2016.

**Working Group Appointee**: Federal Communications Commission (FCC) Communications Security Reliability and Interoperability Council (CSRIC). Wireless Emergency Alerts. 2015-2016.

**Member, National Visiting Committee**, San Diego State University, National Science Foundation Human Dynamics In the Mobile Age, IBSS project. 2015-2017.

**Invited Symposium Participant**, Japan-US Risk Communication Symposium, National Science Foundation and Japan Science and Technology Agency. 2014.

**Advisory Board Member and External Reviewer**, Centers for Disease Control and Prevention, Crisis Emergency Response Communication (CERC) Manual (2012 edition). 2012.

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**Workshop Steering Committee Member**, American Meteorological Society, Summer Community Meeting. 2012.

**Workshop Steering Committee Member**, The 2010 Canterbury and the 2011 Christchurch, New Zealand Earthquakes and the 2011 Tohoku, Japan Earthquake: Emerging Research Needs and Opportunities. 2012.

**Conference Co-Organizer**, Denver Urban Areas Security Initiative, Shared Strategies Conference. 2010.

**Invited Workshop Participant**, Experts in Medical Surge, Community Medical Resiliency in Disasters, U.S. Department of Homeland Security. 2010.

**Committee Co-Chair**, Public Responses to Alerts and Warnings on Mobile Devices, National Academy of Sciences. 2010.

**Grant Review Ad Hoc Reviewer**, National Oceanic and Atmospheric Administration Coastal Storms Program, Mississippi-Alabama Sea Grant Consortium. 2009.

**Invited Meeting Participant**, Social Networks for Community Resiliency, National Academies of Science. 2009.

**Advisor**, Vice Chancellor's Committee on Campus Emergency Alerts and Messaging, University of Colorado Boulder. 2009.

**Conference Co-Organizer**, Church World Service Disaster Forum on Domestic Disaster Ministry. 2007.

**Conference Co-Organizer**, Hazards and Disasters Research Meeting. 2007.

**Steering Committee Member**, Building Human Security, Church World Service Disaster Forum on Domestic Disaster Ministry. 2006.

## **Professional and Community Service**

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**External Reviewer**, National Institute for Standards and Technology. 2019

**Subject Matter Expert**, Government Accountability Office, IPAWS. 2019

**Grant Review, Ad Hoc**, Oregon Sea Grant. 2019

**Session Reviewer**, 16<sup>th</sup> International conference on Information Systems for Crisis Response and Management – CoRe Paper – Social Media in Crises and Conflicts. 2018.

**Grant Review Panelist**, National Science Foundation. 2018.

**Session Reviewer**, Computer Supported Collaborative Work. 2017.

**Grant Review Panelist**, National Science Foundation. 2017.

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**Session Reviewer**, 2017 Social Media and Society conference. 2017.

**Session Reviewer**, 11<sup>th</sup> International conference on Information Systems for Crisis Response and Management – Social Media Track. 2017.

**Session Reviewer**, Association for Education in Journalism and Mass Communication, Communicating Science Health and Environmental Research. 2016.

**Session Reviewer**, National Communication Association, Health Communication 2016.

**Grant Reviewer**, Army Office of Research. 2016.

**Grant Review Ad Hoc Reviewer**, National Science Foundation. 2014.

**Grant Review**, Oregon Sea Grant: Coastal Resilience and Adaptation Fellowship. 2014.

**Grant Review Ad Hoc Reviewer**, Oregon Sea Grant Social Science and Human Dimension Research. 2014.

**Grant Review Panelist**, National Science Foundation. 2013.

**Grant Review Ad Hoc Reviewer**, Texas Sea Grant College Program. 2013.

**Grant Review Panelist**, National Institutes of Mental Health. 2012.

**Grant Review Panelist**, National Science Foundation. 2012.

**Grant Review Ad Hoc Reviewer**, National Science Foundation. 2011.

**Grant Review Panelist**, National Institutes of Health. 2011.

**Session Reviewer**, 7<sup>th</sup> International Conference on Information Systems for Crisis Response and Management, Networks and Collaboration. 2010.

**Session Reviewer**, CHI 2010, ACM Conference on Human Factors in Computing Systems. 2010.

**Session Reviewer**, CSCW 2008, Computer Supported Collaborative Work. 2008.

**Session Reviewer**, 5<sup>th</sup> International Conference on Information Systems for Crisis Response and Management, Virtual Teams and Virtual Communities in Emergency Preparedness and Response. 2008.

**Grant Review Panelist**, National Science Foundation. 2010.

**Session Reviewer**, 6<sup>th</sup> International Conference on Information Systems for Crisis Response and Management, Virtual Teams and Virtual Communities in Emergency Preparedness and Response. 2007.

**Graduate Student Representative**, Recruitment Committee, Junior Hire in Environmental Sociology, Department of Sociology, University of Colorado Boulder. 2002.

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**Graduate Student Representative**, Recruitment Committee, Senior Hire in Environmental Sociology, Department of Sociology, University of Colorado Boulder. 2002.

### **Service to the University**

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**Outside Examiner**, University of Kentucky Graduate School, PhD Defense and Examination for Dr. Andrea Deal. (August 2019).

**Member**, Markey Cancer Center, Cancer Prevention and Control Program (2017-present)

### **Service to the College**

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**Representative**, Faculty Council, College of Communication and Information (2019-2020)

**Director**, Risk and Disaster Communication Center, College of Communication and Information (2014-present)

**Member**, Graduate Admissions Committee, College of Communication and Information (2016; 2017; 2018)

**Member**, Risk Sciences Curriculum Development Committee, College of Communication and Information (2016; 2017)

### **Service to the Department**

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**Member**, Personnel Committee, Department of Communication (2019-2020).

**Chair**, Search Committee, Organizational Communication, Department of Communication (2017)

**Member**, Resource Committee, Department of Communication (2016; 2018; 2019)

**Member**, Search Committee for Postdoctoral Teaching Scholars, Department of Communication (2016)

**Member**, Search Committee for Postdoctoral Research Scholars, Department of Communication (2016)

### **Advisees**

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Sarah Vos (Postdoctoral Scholar)

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Michele Olson (Co-Chair, PhD)

Eleanor Hudd (Chair, MA)

Robert Prestley (Chair, MA, 2019)

Brooke Salters (Chair, MA, 2019)

Taban Flores Herrington (Committee member, MA, 2019)

Lydia McManus (Committee member, MA, 2019)

Rachel Dixon (Committee member, MA, 2017)

### **Professional Affiliations**

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- American Sociological Association
- National Communication Association
- Society for Risk Analysis
- American Meteorological Society
- American Geophysical Union