

TRICIA WACHTENDORF

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EDUCATION

Ph.D. in Sociology, University of Delaware (2004)

Dissertation: *Improvising 9/11: Organizational Improvisation in the World Trade Center Disaster*. Professor Kathleen J. Tierney, committee chair

Comprehensive Exams in *Disaster, Risk, & Society* and *Gender & Society*

Areas of Research Specialization: Multi-organizational coordination and responses to disaster; Community-based approaches to disaster mitigation, preparedness, response, and recovery; Transnational disasters; Social vulnerability; Qualitative research methods

M.A. in Sociology, University of Delaware (2000)

Thesis: *A River Runs Through It: Cross Border Interaction During the 1997 Red River Flood*. Professor Joanne M. Nigg, committee chair

B.A. in Psychology, University of Manitoba, Canada (1996)

PROFESSIONAL APPOINTMENTS

Current Appointments:

Associate Director, Disaster Research Center, University of Delaware (2008-present)

Core Faculty, Disaster Research Center, University of Delaware (2004-present)

Assistant Professor, Sociology & Criminal Justice, University of Delaware (2004-present)

Assistant Professor, Women's Studies Program, University of Delaware (2008-present)

Past Appointments:

Research Coordinator, Disaster Research Center, University of Delaware (2003-2004)

Field Director, Disaster Research Center, University of Delaware (2000-2003)

Research Assistant, Disaster Research Center, University of Delaware (1997-2000)

Teaching Assistant, Sociology and Criminal Justice, University of Delaware (1996-1997)

Community Outreach Worker, Mount Carmel Clinic, Winnipeg (1993-1996)

GRANTS (FUNDED)

Principal Investigator,

“Resiliency of Transportation Corridors during Disaster: An Examination of Cross-Border Networks.” Funded by the University of Delaware University Transportation Center (\$39,780).

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Co-Principal Investigator,

“DRU: Integrated Optimization of Evacuation and Mass Care Sheltering for Hurricanes”
Funded by the National Science Foundation with Rachel Davidson (PI) University of Delaware and Linda Nozick (Co-PI) Cornell University (\$749,999).

Co-Principal Investigator,

“Infrastructure Security and Emergency Preparedness” Funded by the University of Delaware US Department of Transportation, Research and Innovative Technology Agency, Delaware Center for Transportation and Delaware Department of Transportation with Sue McNeil (PI) Earl Lee, Rachel Davidson, and Joseph Trainor (Co-PIs) University of Delaware (\$111,215).

Principle Investigator,

“Multi-Organizational Collaborative Leadership and Interaction” Funded by the Department of Homeland Security through as a project under the Center of Excellence for Natural Disasters, Coast Infrastructure and Emergency Management with William Waugh (PI) Georgia State University (\$159,627 – project; \$15,000,000 total proposal under COE) (07/01/08-06/30/14).

Principal Investigator,

“Resiliency of Transportation Corridors during Disaster” Funded by the University of Delaware University Transportation Center (\$39,780) (02/01/08-01/31/09).

Principal Investigator,

“Research Experience for Undergraduates (REU) Supplement for Collaborative Research Proposal on Improvisation and Sensemaking in Sudden Crisis” Funded by the National Science Foundation (\$6,000) (09/24/07-08/31/08).

Lead Co-Principal Investigator,

“DRU: Contending with Materiel Convergence: Optimal Control, Coordination, and Delivery of Critical Supplies to the Site of Extreme Events” Funded by the National Science Foundation with Jose Holguin-Veras (PI) Rensselaer Polytechnic Institute, and multiple Co-PIs from the University of Delaware, Rensselaer Polytechnic Institute, and University of Puerto Rico at Mayaguez (\$749,298) (01/01/07-12/31/09).

Senior Personnel,

“Research Experience for Undergraduates.” Funded by the National Science Foundation, Department of Defense, and the University of Delaware with Joanne Nigg (PI); Havidán Rodríguez (Co-PI); Benigno Aguirre (Senior Personnel) (\$268,808 external; \$75,000 internal) 04/01/08 - 03/31/11).

Principal Investigator,

“Research Experience for Undergraduates Supplement Improvisation and Sensemaking in Sudden Crisis” Funded by the University of Delaware Research Foundation (\$3,500 internal) (06/01/06-08/31/06).

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Co-Principal Investigator,

“Small Grant for Exploratory Research: Characterization of the Supply Chains in the Aftermath of an Extreme Event: The Gulf Coast Experience.” Funded by the National Science Foundation with Jose Holguin-Veras (PI) and Satish Ukkusuri (Co-PI) Rensselaer Polytechnic Institute (\$88,592) (01/01/06-12/21/06).

Principal Investigator,

“Research Experience for Undergraduates (REU) Supplement for Collaborative Research Proposal on Improvisation and Sensemaking in Sudden Crisis” Funded by the National Science Foundation (\$6,000) (11/01/05-10/01/06).

Principal Investigator,

“Collaborative Research Proposal on Improvisation and Sensemaking in Sudden Crisis” Funded by the National Science Foundation with James Kendra, University of North Texas (PI); Jasmin Ruback (Senior Personnel) (\$381,734) (09/01/05-08/31/08).

Principal Investigator,

“Improvisation and Sensemaking in Sudden Crisis” Funded by the University of Delaware Research Foundation (\$25,000 internal) (06/01/05-05/31/06).

Senior Personnel,

“Research Experience for Undergraduates.” Funded by the National Science Foundation, Department of Defense, and the University of Delaware with Havidán Rodríguez (PI); Joanne Nigg (Co-PI); Benigno Aguirre and Henry Fischer (Senior Personnel) (\$217,000 external; \$90,000 internal) (06/01/05-05/31/08).

Co-Principal Investigator,

“A Conference Proposal on Disaster Research and the Social Sciences: Lessons Learned, Challenges, and Future Trajectories” Funded by the National Science Foundation with Havidán Rodríguez (PI); Benigno Aguirre (Co-PI). (\$56,406) (03/15/04 – 10/15/04)

CONSULTING AND CONTRACTS

Federal Emergency Management Agency Higher Education Division; and University of Maryland – Baltimore. (2008-2009). Develop sessions for course on Responses to Catastrophe. Sessions focus on logistics and emergent organizations & networks.

Office of the Surgeon General, Government of the United States; and Z-Tech Corporation (2003) Provide technical assistant to the Office of the Surgeon General and participating communities across the country on the implementation of the Medical Reserve Corps (MRC).

International Joint Commission, Governments of Canada and the United States (1999) Author a commissioned report on actions during cross-border flooding event and provide recommendations for planning.

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OTHER EXAMPLES OF DISASTER RESEARCH CENTER PROJECT INVOLVEMENT 1997-2004

Organizational and Community Resilience in New York City Following the World Trade Center Attack – Project Manager, Funded by the National Science Foundation, the Multidisciplinary Center for Earthquake Engineering Research, and the Public Entity Risk Institute.

Four-Year Evaluation of the Federal Emergency Management Agency’s Disaster Resistant Community Initiative – Project Manager, Funded by the Federal Emergency Management Agency.

Perceptions of Earthquake Impacts and Loss-Reduction Policy Preferences Among Community Residents and Opinion Leaders – Joint Project Manager, Funded by the National Science Foundation’s US/Japan “Common Agenda” collaborative research program

Businesses and Disasters: Consequences of Disaster Victimization for Businesses and Business Districts – Project Member, Funded by the National Science Foundation.

AWARDS:

PRESENT Exemplary Use of Technology in Teaching (Summer, 2008)

PRESENT Summer Faculty Institute (Summer, 2006)

CONNECT Seminar Fellowship Program (Summer, 2005)

Global Citizenship Faculty Fellows Program (Summer, 2005)

OTHER RESEARCH ACTIVITIES

Wenchuan Earthquake (August, 2008)

Member of the Reconnaissance Team to China with funding provided by the Earthquake Engineering Research Institutes and the National Science Foundation.

Indian Ocean Tsunami (January – February, 2005)

Member of the Social Science Reconnaissance Team to India and Sri Lanka with funding provided by the Earthquake Engineering Research Institute, the National Science Foundation, and the Sea Grant College Program at the University of Puerto Rico Mayaguez.

PUBLICATIONS, PRELIMINARY PAPERS, AND PRESENTATIONS

Peer Reviewed Journal Articles:

Wachtendorf, Tricia. 2009. *Trans-System Social Ruptures: Exploring Issues of Vulnerability and Resiliency*, Review of Policy Research 26(3), 379-393.

Wachtendorf, Tricia, Bethany Brown, and Marcia C. Nickle. 2008. *Big Bird, Disaster Masters, and High School Students Taking Charge: The Social Capacities of Children in Disaster Education*, Children, Youth, and Environments 18(1), 456-469.

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Holguín-Veras, Jose, Noel Pérez, Satish Ukkusuri, Tricia Wachtendorf, and Bethany Brown. 2007. *Emergency Logistics Issues Impacting the Response to Hurricane Katrina: A Synthesis and Preliminary Suggestions for Improvement*, Transportation Research Record 2022, 76-82.

Wachtendorf, Tricia, James M. Kendra, Havidan Rodriguez, and Joseph Trainor, 2006. *The Social Impacts and Consequences of the December, 2004 Indian Ocean Tsunami: Observations from India and Sri Lanka*, Earthquake Spectra 22 (3), 693- 714.

Rodríguez' Havidan, Tricia Wachtendorf, James Kendra, and Joseph Trainor, 2006. *A Snapshot of the 2004 Indian Ocean Tsunami: Societal Impacts and Consequences*, Disaster Prevention and Management 15(1), 163-177.

Kendra, James M., and Tricia Wachtendorf, 2003. *Reconsidering Convergence and Convergence Legitimacy in Response to the World Trade Center Disaster*. Terrorism and Disaster: New Threats, New Ideas (ed. Lee Clarke). Research in Social Problems and Public Policy (11), 97-122.

Kendra, James M., and Tricia Wachtendorf, 2003. *Creativity in Emergency Response after the World Trade Center Attack*. Beyond September 11th: An Account of Post-Disaster Research. Special Publication #39 Natural Hazards Research and Applications Information Center, University of Colorado: Boulder, CO.

Kendra, James M., Tricia Wachtendorf, and E.L. Quarantelli, 2003. *The Evacuation of Lower Manhattan by Water Transport on September 11: An Unplanned Success*. Joint Commission Journal on Quality and Safety 29(6), 316-318.

Kendra, James M., and Tricia Wachtendorf, 2003. *Elements of Community Resilience in the World Trade Center Attack*. Disasters, 27 (1), 37-53.

Wachtendorf, Tricia, 2000. *When Disasters Defy Borders: What We Can Learn From the Red River Flood About Transnational Disasters*. The Australian Journal of Emergency Management, 15 (3).

Book Chapters:

Kendra, James M. and Tricia Wachtendorf, 2007. *Improvisation, Creativity, and the Art of Emergency Management*, Understanding and Responding to Terrorism (eds. H. Durmaz, B. Sevinc, A.S. Yala and S. Ekici). IOS Press, NATO Security through Science Series E: Human and Societal Dynamics, Volume 19, 324-335.

Kendra, James M., and Tricia Wachtendorf, 2006. *Community Innovation and Disasters*. The Handbook on Disaster Research (eds. Havidan Rodriguez, E.L. Quarantelli, and Russell R. Dynes). Springer: New York, NY.

Other Published Material:

TRICIA WACHTENDORF

Wenchuan Earthquake Reconnaissance Team, Earthquake Engineering Research Institute (EERI) and Geo-Engineering Earthquake Reconnaissance (GEER), (2008). *Learning from Earthquakes: The Wenchuan, Sichuan Province, China, Earthquake of May 12, 2008*, 2008. EERI Special Earthquake Report (October). Tricia Wachtendorf, Team Member.

Wachtendorf, Tricia. 2007. *Disaster Myths and Realities*, Training program created for the Public Entity Risk Institute. <https://www.riskinstitute.org/peri/content/view/680/40/> Accessed May 1, 2009.

Kendra, James, and Tricia Wachtendorf, 2007. *Emergence and Convergence in the Post-Disaster Environment: Recent Research Perspectives*, Training program created for the Public Entity Risk Institute. <https://www.riskinstitute.org/peri/content/view/680/40/> Accessed May 1, 2009.

Wachtendorf, Tricia and James M. Kendra, 2007. *Integrating Improvisation in Disaster Response: A Look at the World Trade Center Disaster*, Training program created for the Public Entity Risk Institute. <https://www.riskinstitute.org/peri/content/view/680/40/> Accessed May 1, 2009.

Wachtendorf, Tricia and James M. Kendra, 2005. *Improvising Disaster in the City of Jazz: Organizational Response to Hurricane Katrina*, Understanding Katrina: Perspectives from the Social Sciences. Social Science Research Council. http://understandingkatrina.ssrc.org/Wachtendorf_Kendra/ Accessed October 15, 2005.

Wachtendorf, Tricia, 2005. *Suggestions for Canadian Interorganizational Collaboration in Disaster Mitigation*, Emergency Management Canada. 1(2), 18, 20-22, 24-25

Rodriguez, Havidan, Tricia Wachtendorf, Joseph Trainor, and James Kendra, 2005. *The Great Sumatra Earthquake and Indian Ocean Tsunami of December 26, 2004*, Earthquake Engineering Research Institute Newsletter, May (5).

Trainor, Joseph, Havidan Rodriguez, Tricia Wachtendorf, and James Kendra, 2005. *More than a Wave: Exploring the Social Impacts of the Indian Ocean Tsunami*. Natural Hazards Observer, May.

Rodriguez, Havidan, Tricia Wachtendorf, and Carla Russell, 2004. *Disaster Research in the Social Sciences: Lessons Learned, Challenges, and Future Trajectories*. International Journal of Mass Emergencies and Disasters. 22(2), 117-135.

Kendra, James. M, Tricia Wachtendorf, and E.L. Quarantelli, 2002. *Who Was in Charge of the Massive Evacuation of Lower Manhattan by Water Transport on September 11? No One Was, Yet It Was an Extremely Successful Operation. Implications?* Securitas, 1 (5).

Webb, Gary R., Tricia Wachtendorf, and Anne Eyre, 2000. *Bringing Culture Back In: Exploring the Cultural Dimensions of Disaster*. International Journal of Mass Emergencies and Disasters, 18 (1), 5-19.

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Journal Editor:

Rodriguez, Havidan, and Tricia Wachtendorf, 2004. *Special Issue: Disaster Vulnerability and Society: An International and Multi-Disciplinary Approach*. Co-editors. *International Journal of Sociology and Social Policy*, 24(10/11).

Eyre, Anne, Tricia Wachtendorf, and Gary R. Webb, 2000. *Special Issue: Popular Culture of Disasters*. Co-editors. *International Journal of Mass Emergencies and Disasters*, 18 (1).

Dissertation:

Wachtendorf, Tricia, 2004. *Improvising 9/11: Organizational Improvisation in the World Trade Center Disaster*, Dissertation #35. Disaster Research Center: Newark, DE.

Master's Thesis:

Wachtendorf, Tricia, 1999. *A River Runs Through It: Cross Border Interaction During the 1997 Red River Flood*, Thesis #11. Disaster Research Center: Newark, DE.

Technical Reports:

Rodriguez, Havidan, Joanne M. Nigg, and Tricia Wachtendorf, 2005. *Social Science Research: Priority Areas for the National Plan for Research and Development*. Disaster Research Center: Newark, DE.

Rodriguez, Havidan, Tricia Wachtendorf, Joseph Trainor, James Kendra, and A. Subramanian, 2005. *The Indian Ocean Tsunami: Preliminary Field Report on India*. Disaster Research Center: Newark, DE.

Rodriguez, Havidan, Tricia Wachtendorf, Joseph Trainor, James Kendra, and Ram Alagan, 2005. *The Indian Ocean Tsunami: Preliminary Field Report on Sri Lanka*. Disaster Research Center: Newark, DE.

Rodriguez, Havidan, Tricia Wachtendorf, Joseph Trainor, and James Kendra, 2005. *Preliminary Findings from India and Sri Lanka*. Disaster Research Center: Newark, DE.

Wachtendorf, Tricia, Rory Connell, Brian Monahan, and Kathleen J. Tierney, 2002. *Disaster Resistant Communities Initiative: Assessment of the Non-Pilot Communities*. Disaster Research Center: Newark, DE.

Wachtendorf, Tricia, Rory Connell, and Kathleen J. Tierney with assistance from Kristy Kompanik, 2001. *Disaster Resistant Communities Initiative: Assessment of the Pilot Phase—Year 3*. Disaster Research Center: Newark, DE.

Wachtendorf, Tricia, and Kathleen J. Tierney, 2001. *Disaster Resistant Communities Initiative: Local Community Representatives Share Their Views: Year 3 Focus Group Final Report*. Disaster Research Center: Newark, DE.

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Wachtendorf, Tricia, 2000. *Interaction Between Canadian and American Governmental and Non Governmental Organizations During the Red River Flood of 1997*. Report Submitted to the International Joint Commission Ottawa/Washington, Disaster Research Center: Newark, DE.

Wachtendorf, Tricia, Jasmin K. Riad, and Kathleen J. Tierney, 2000. *Disaster Resistant Communities Initiative: Focus Group Analysis*. Disaster Research Center: Newark, DE.

Nigg, Joanne M., Jasmin K. Riad, Tricia Wachtendorf, and Kathleen J. Tierney, 2000. *Disaster Resistant Communities Initiative: Evaluation of the Pilot Phase Year 2*. Disaster Research Center: Newark, DE.

Nigg, Joanne, M., Jasmin K. Riad, Tricia Wachtendorf, Angela Tweedy, and Lisa Reshaur, 1998. *Executive Summary: Disaster Resistant Communities Initiative: Evaluation of the Pilot Phase Year 1*. Disaster Research Center: Newark, DE.

Forthcoming

Wachtendorf, Tricia, James M. Kendra, and Brandi Lea (Forthcoming 2010). *Community Behavior and Response to Disaster*, in International Disaster Nursing (ed. Robert Powers). World Association of Disaster and Emergency Medicine and Cambridge Press: Victoria, Australia.

Under Review

Wachtendorf, Tricia, and James M. Kendra. *Reproductive Improvisation and the Virtues of Sameness: The Art of Reestablishing New York's Emergency Operations Center*. Submitted and under review at Organizational Science.

Presentations and Preliminary Papers:

Wachtendorf, Tricia. 2009. Disaster Myths and Realities. Invited presentation to the Maryland Volunteers Active in Disasters. Columbia, MD. September 11.

Barsky, Lauren and Tricia Wachtendorf. 2009. Who is Responsible for At-Risk Populations? The Role of Media in Shaping Perceptions of Responsibility. Paper presented at the annual meeting of the American Sociological Society San Francisco, CA. August 11.

Wachtendorf, Tricia, and James M. Kendra. 2009. Diffuse Sensemaking in Large-Scale Crisis Environments. Paper presented at the International Research Committee on Disasters Workshop, Boulder, CO July 19

Wachtendorf, Tricia. 2007. Are Catastrophes Different? Invited Presentation for a Panel on Catastrophic Events: More than Just Big Disasters? at the annual Hazards Research and Applications Workshop. Boulder, CO. July 17.

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Wachtendorf, Tricia, and James M. Kendra. 2009. The Making of a Megacrisis: 9/11 as a Case for the Concept. Paper presented at the Conference on Mega Crisis., The Hague, Netherlands. June 18.

Barsky, Lauren, and Tricia Wachtendorf. 2009. Examining Perceptions of Individual Verses Collective Responsibility in the Aftermath of Routine Periods and Extreme Events. Paper presented at the annual meeting of the Eastern Sociological Society. Baltimore, MD. March 21.

Wachtendorf, Tricia, Bethany Brown, Jose Holguin-Veras, and Satish Ukkusuri, 2008. Network Visibility in Emergency Supply Chain Management. Paper presented at the workshop on Improving Disaster Supply Chain Management: Key supply chain factors for humanitarian relief sponsored by the Stephenson Disaster Management Institute, Baton Rouge, LA. November 18.

Holguin-Veras, Jose, Miguel Jaller, Satish Ukkusuri, M. Bromm, C. Torres, Tricia Wachtendorf, Bethany Brown . 2008. An Analysis of the Temporal Distributions of Requests for Critical Supplies after Hurricane Katrina. Paper presented at the XV Pan-American Conference of Traffic and Transportation Engineering (PANAM XV). Cartagena, Colombia. September 14-17.

Holguin-Veras, Jose, Satish Ukkusuri, Tricia Wachtendorf. 2008. Contending with Materiel Convergence: Optimal Control, Coordination, and Delivery of Critical Supplies to the Site of Extreme Events. Poster presented at the National Science Foundation's Human and Social Dynamics Principal Investigators Meeting. Washington, DC. September 14-15.

Wachtendorf, Tricia. 2008. Disaster Vulnerability Captured on Film: The Benefits and Pitfalls of Student Documentary Projects in Exploring National and Cross-National Hegemonies. Presentation at the annual meeting of the National Women Studies Association. Cincinnati, OH. June 20.

Wachtendorf, Tricia. 2008. Improvising Disaster: The Waterborne Evacuation of Lower Manhattan. Presentation at the Department of Sociology Spring Colloquium Series. Rutgers University: New Brunswick, NJ. April 23.

Wachtendorf, Tricia. 2008. Resiliency of Transnational Systems to Extreme Events. Paper presented the workshop Surviving Future Disasters, sponsored by the Swedish National Defence College and the Stephenson Disaster Management Institute, Louisiana State University: Baton Rouge, LA. April 8.

Kendra, James, Brandi Lea, and Tricia Wachtendorf. 2008. Coordination and Partnerships in the Waterborne Evacuation of Manhattan on September 11, 2001. Presentation at the annual meeting of the Association of American Geographers. Boston, Massachusetts. April.

Holguin-Veras, Jose, Miguel Jaller, Satish Ukkusuri, M. Bromm, C. Torres, Tricia Wachtendorf, Bethany. Brown. 2008. An Analysis of the Temporal Distributions of Requests for Critical Supplies after Hurricane Katrina. Presentation at the annual meeting of the Transportation Research Board. Washington, DC. January 22.

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Lea, Brandi, James Kendra, and Tricia Wachtendorf, 2007. Coordinating Spontaneous Resources: The Waterborne Evacuation of Lower Manhattan on 9/11. Presentation at the annual conference of the International Association of Emergency Managers Reno, NV. November.

Wachtendorf, Tricia and James M. Kendra 2007. The Waterborne Evacuation of Lower Manhattan on September 11: A Case of Distributed Sensemaking? Presented at the International Research Committee on Disasters Meeting at the Annual Meeting of the American Sociological Association, New York City, NY. August 13.

Wachtendorf, Tricia and Nicholas J. Madonia, 2007. A Tale of Two Cities: Personal Disaster Convergence in Washington and New York City, Paper presented to the annual meeting of the Society for the Study of Social Problems. New York City, NY. August 12.

Wachtendorf, Tricia. 2007. Considering the Role of Improvisation in Disaster Response, Invited Presentation for a Panel on Improvisation in Disaster Response at the Annual Hazards Research and Applications Workshop. Boulder, CO. July 10.

Lea, Brandi, James Kendra, and Tricia Wachtendorf. 2007. Uncharted Waters: The Waterborne Evacuation of Lower Manhattan on September 11th. Presented at the 10th Annual Emergency Management Higher Education Conference, Federal Emergency Management Agency, Emmitsburg, Maryland, June.

Kendra, James and Tricia Wachtendorf, 2007. Geographic Aspects of Sensemaking: The Waterborne Evacuation of Lower Manhattan on September 11, 2001. Presentation at the Annual Meeting of the Association of American Geographers, San Francisco, California, April.
Wachtendorf, Tricia, Bethany Brown, Jose Holguin-Veras, Satish Ukkusuri, and Noel Perez, 2006. Communicating Convergence: Contending with Supplies Following Hurricane Katrina. Presentation at the Katrina Research Symposium: Social Science Research of the Katrina Aftermath, New Orleans, LA, November 3.

Holguin-Veras, Jose, Noel Perez, Satish Ukkusuri, Tricia Wachtendorf, and Bethany Brown, 2006. Characterization of the Supply Chains in the Aftermath of Katrina: Logistical Issues and Lessons From an Integrated Social Sciences-Engineering Perspective. Presentation at the Katrina Research Symposium: Social Science Research of the Katrina Aftermath. New Orleans, LA., November 3.

Holguin-Veras, Jose, Noel Perez, Satish Ukkusuri, Tricia Wachtendorf, and Bethany Brown, 2006. Characterization of the Supply Chains in the Aftermath of Katrina: Logistical Issues and Lessons From an Integrated Social Sciences-Engineering Perspective. Poster presentation at the National Science Foundation's Human and Social Dynamics Principal Investigators Meeting. Washington, DC, September 14-15.

Kendra James M. and Tricia Wachtendorf, 2006. Improvisation and the Art of Emergency Management. Paper presented at the NATO Advanced Research Workshop on Understanding and Responding to Terrorism: A Multi-Dimensional Approach. Sponsored by NATO and the

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Turkish National Police/ Turkish Institute for Police Studies at the University of North Texas. Washington, DC, September 8-9.

Wachtendorf, Tricia, 2006. Exploring Social Vulnerability in Hurricane Katrina. Presentation to the University of Delaware's Research on Race, Ethnicity and Culture Lecture Series. Newark, DE, April 12.

Rodriguez, Havidan, Tricia Wachtendorf, James M. Kendra, and Joseph T. Trainor, 2005. A Snapshot of the 2004 Indian Ocean Tsunami: Societal Impacts and Consequences. Presentation at the 1st Annual Symposium for Coastal and Marine Applied Research, University of Puerto Rico Sea Grant College Program. Mayaguez, PR, September 2.

Wachtendorf, Tricia, and James M. Kendra, 2005. A Typology of Organizational Improvisation in Disasters. Paper presented to the annual meeting of the American Sociological Association. Philadelphia, PA, August 14.

Trainor, Joseph, Havidan Rodriguez, Tricia Wachtendorf, and James Kendra. 2005. After the Wave: Preliminary Social Science Insights from India and Sri Lanka, Presentation to the Annual Meeting of the American Sociological Association, Philadelphia, PA. August 13.

Wachtendorf, Tricia and James M. Kendra, 2005. Invited Panelist for Improvised Thought, Action and Structure in Emergency Response Improvised Structure, Role and Process at the Annual Hazards Research and Applications Workshop Boulder, CO. July 13.

Kendra, James M., Tricia Wachtendorf, Joseph Trainor, and Havidán Rodríguez, 2005. Boats, Nets, and Motors: Recovery Issues after the 2004 Indian Ocean Tsunami. Invited Presentation at the Annual Hazards Research and Applications Workshop Boulder, CO. July 12.

Wachtendorf, Tricia, James M. Kendra, Havidan Rodriguez, and Joseph Trainor, 2005. Invited Panelist for Gender Issues in Disasters at the Annual Hazards Research and Applications Workshop Boulder, CO. July 12.

Wachtendorf, Tricia, Havidan Rodriguez, James M. Kendra, and Joseph Trainor, 2005. Social Impacts of the Indian Ocean Tsunami: Preliminary Findings from India and Sri Lanka. Invited presentation to the National Academies of Science. Washington, DC, June, 21.

Rodriguez, Havidan, Tricia Wachtendorf, James M. Kendra, and Joseph T. Trainor, 2005. The Indian Ocean Tsunami: A Preliminary Assessment of Societal Impacts and Consequences. Paper presented at the FEMA Emergency Management Higher Education Conference, Emmitsburg, MD, June 7-9.

Trainor, Joseph, Havidan Rodriguez, Tricia Wachtendorf, and James M. Kendra. 2005. More than a Wave: Selected Social Science Insights from the December 26th Indian Ocean Tsunami. Invited presentation to the Symposium on Emergency Management and Disaster Abatement, Arnhem, The Netherlands, May 25.

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Rodríguez, Havidan, Tricia Wachtendorf, James M. Kendra, and Joseph T. Trainor, 2005. Societal Impacts of the Indian Ocean Tsunami: Preliminary Findings from India and Sri Lanka. Presentation to the EERI Technical Briefing: The Great Sumatra Earthquake and Tsunami of December 26, 2004, Marvin Center, George Washington University. Washington, DC, May 23.

Rodríguez, Havidan, Tricia Wachtendorf, James M. Kendra, and Joseph T. Trainor, 2005. Socio-economic Impact and Consequences of the Indian Ocean Tsunami: Preliminary Findings from India and Sri Lanka. Invited Presentation at the National Disaster Medical Systems Conference. Orlando, FL. May 4.

Wachtendorf, Tricia, 2005. Partnering to Foster Disaster Resistant Communities. Invited presentation to the Disaster Resistant California Conference. Sacramento, CA, May 17.

Wachtendorf, Tricia, Havidan Rodriguez, James M. Kendra, and Joseph Trainor, 2005. Social Impacts of the Indian Ocean Tsunami: Preliminary Findings from India and Sri Lanka. Invited presentation to the Understanding Tsunamis 2005 – Online Teacher Workshop, College of Exploration and National Science Foundation, May 6-11.

Wachtendorf, Tricia, Havidan Rodriguez, James M. Kendra, and Joseph Trainor, 2005. Social Impacts and Consequences of the Indian Ocean Tsunami: Preliminary Observations from India and Sri Lanka. Invited presentation at the National Disaster Medical Systems Conference. Orlando, FL. May 3.

Wachtendorf, Tricia, Havidan Rodriguez, Joseph Trainor, and James M. Kendra 2005. Social Impacts of the Indian Ocean Tsunami: Preliminary Findings from India and Sri Lanka. Invited presentation to the Mid American Earthquake Center, University of Illinois. Urbana-Champaign, IL. April 21.

Kendra, James M. and Tricia Wachtendorf. 2005. Storming the Barricades: Post-disaster Convergence as Locational Conflict. Paper presented to the annual meeting of the American Association of Geographers. Denver, CO, April.

Kendra, James M., Havidán Rodríguez, Tricia Wachtendorf, and Joseph Trainor, 2005. Social Science Implications of the Indian Ocean Tsunami. Invited presentation to the Earthquake Engineering Research Institute. Seattle, WA, March 21.

Wachtendorf, Tricia, 2005. Cross-Border Disaster Response and Planning: A Look at Canada and the U.S. Invited Presentation at the Crossing Workshop on Cross-Border Security Cooperation, Wayne State University, Detroit, MI, March 14.

Wachtendorf, Tricia and James M. Kendra, 2005. Fostering Resilience by Bolstering Improvisation Capacity: Findings from the World Trade Center Disaster. Invited presentation at the International Workshop on Resilience. University of Kent, Canterbury, UK. February 25.

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Wachtendorf, Tricia and James M. Kendra. 2004. Considering Convergence, Coordination, and Social Capital in Disasters. Paper presented to the 1st Annual Canadian Research on Hazards Network Symposium. Winnipeg, Canada. November 19.

Wachtendorf, Tricia, 2004. The Sociology of Disaster, Invited lecture, The Communications Department. University of the West Indies, Teleconference, March 23.

Wachtendorf, Tricia, and James M. Kendra, 2004. Integrating Improvisation in Disaster Response Planning. Invited presentation at the European Crisis Management Academy International Conference. Poljce, Slovenia, March 12.

Kendra, James M., and Tricia Wachtendorf, 2004. Creativity and Coordination in Disaster Response. Invited paper presented at the 4th Workshop for Comparative Study on Urban Earthquake Disaster Management. Kobe, Japan, January.

Wachtendorf, Tricia, 2003. Inter-organizational Response to the World Trade Center Attack: Lessons Learned. Paper presented at the Annual World Conference on Disaster Management. Toronto, Canada, June 23.

Kendra, James M., and Tricia Wachtendorf, 2002. Rebel Food...Renegade Supplies: Convergence after the World Trade Center Attack. Paper presented at the annual meeting of the American Sociological Association. Chicago, IL, Aug 17.

Wachtendorf, Tricia, and James M. Kendra, 2002. Rising from the Ashes: Organizational Adaptation Following the September 11th, 2001 World Trade Center Attack. Paper presented at the International Research Committee on Disasters Meeting at the Meeting of the International Sociological Association's World Congress of Sociology. Brisbane, Australia, July 11.

Wachtendorf, Tricia, 2002. Emergency Management in a Changing World: Lessons Learned from the 9/11 World Trade Center Disaster. Invited presentation for the Social Perspectives on Disaster Workshop Sponsored by Emergency Management Australia. Mt. Macedon, Australia, July 2.

Kendra, James M., and Tricia Wachtendorf, 2002. Creativity in Emergency Response after the World Trade Center Attack. Paper presented at the Annual Meeting of the International Emergency Management Society. Waterloo, Canada, May 14.

Wachtendorf, Tricia, 2002. Building Capacities and Confronting Constraints in Community-Based Disaster Mitigation. Paper presented at the annual meeting of the Southwestern Social Science Association. New Orleans, LA, March 29.

Wachtendorf, Tricia, 2002. A Changing Risk Environment: Lessons Learned from the 9/11 World Trade Center Attack. Invited presentation for the Manitoba Disaster Management Conference, Special Session Sponsored by the Canadian Emergency Preparedness Association. Winnipeg, Canada, March 6.

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Wachtendorf, Tricia, and Xuewen Sheng, 2002. Influences of Social Demographic Factors and Past Earthquake Experience on Earthquake Risk Perception. Invited paper presented for the Annual Workshop for the Comparative Study on Urban Earthquake Disaster Management Sponsored by Kyoto University and Tokyo University. Kobe, Japan, Feb. 15.

Wachtendorf, Tricia, 2002. The Future of Disaster Research: An American Perspective. Invited panelist for the Panel on Young Scholars in the Field of Disaster Research, Annual Workshop for the Comparative Study on Urban Earthquake Disaster Management, Sponsored by Kyoto University and Tokyo University. Kobe, Japan, Feb. 15.

Tierney, Kathleen, J., Benigno Aguirre, James M. Kendra, and Tricia Wachtendorf, 2001. Organizational and Community Resilience in the World Trade Center Disaster. Invited presentation at the Learning from Urban Disasters: National Science Foundation Response and Opportunities for Future Research Workshop Sponsored by the National Science Foundation and the Institute for Civil Infrastructure Systems. New York City, NY, December 12.

Kendra, James M., and Tricia Wachtendorf, 2001. Response and Resilience in the World Trade Center Attack. Invited presentation at the Department of Geography Colloquium, Rutgers University. New Brunswick, NJ, December 7.

Kendra, James M., and Tricia Wachtendorf, 2001. Elements of Community Resilience in the World Trade Center Attack. Paper presented at the annual meeting of the Regional Science Association International. Charleston, SC, November 17.

Wachtendorf, Tricia, 2001. The Implementation of Community-Based Disaster Mitigation Initiatives: Findings from an Ongoing Assessment. Invited presentation at the annual Hazards Research and Applications Workshop. Boulder CO, July 17.

Wachtendorf, Tricia, 2001. Building Community Partnerships Toward a National Mitigation Effort: Inter-Organizational Collaboration in the Project Impact Initiative. Invited paper presented at the annual workshop for the Comparative Study on Urban Earthquake Disaster Management. Kobe, Japan, January 18.

Wachtendorf, Tricia, and Kristy Kompanik, 2000. An Ongoing Assessment of the Project Impact Implementation Process: Recommendations and Lessons Learned. Poster presented at the Annual Project Impact Summit. Washington, DC, November 13.

Wachtendorf, Tricia, 2000. What is a Disaster? Exploring the Question Using Multiple Feminist Frameworks. Paper presented at the International Research Committee on Disasters Meeting at the annual meeting of the American Sociological Association. Washington, DC, August 13.

Wachtendorf, Tricia, 2000. Addressing Standardization Issues in Transnational Disasters. Paper presented at the annual meeting of the Southern Sociological Society. New Orleans, LA, April 20.

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Webb, Gary, and Tricia Wachtendorf, 2000. Sociological Themes in the Popular Culture of Disaster. Paper presented at the joint annual meetings of the Popular Culture Association and the American Culture Association, New Orleans, LA, April 20.

Wachtendorf, Tricia, 1999. Cross-Border Issues in Disaster Response. Invited online presentation, Red River Basin Disaster Information Network Virtual Workshop, <http://www.emforum.org/redriver/> August 26.

Wachtendorf, Tricia, 1999. Exploring the Popular Culture of Disaster. Invited panelist for the Popular Culture of Disasters Panel International Research Committee on Disasters meeting at the annual meeting of the American Sociological Association. Chicago, IL, August 8.

Wachtendorf, Tricia, 1999. Transnational Disasters: A Look at the 1997 Red River Flood. annual Hazards Research and Applications Workshop. Boulder, CO, July 14.

Wachtendorf, Tricia, 1999. Defending Property, Defending Identity From Disaster: Arendt, Goffman, and the Symbolic Meaning of Property. Paper presented at the annual meeting of the Eastern Sociological Society, Boston, MA, March 7.

Wachtendorf, Tricia, 1999. Lessons Learned From The Popular Culture Of Disaster. Invited online presentation for the Emergency Information Infrastructure Partnership Virtual Forum Roundtable <http://www.emforum.org>, February 23.

Wachtendorf, Tricia, 1998. A River Runs Through It: Cross Border Interaction During the 1997 Red River Flood. Paper presented at the International Research Committee on Disasters meeting at the meeting of the International Sociological Association's World Congress of Sociology. Montreal, PQ, July 27.

Riad, Jasmin, K. and Tricia Wachtendorf, 1998. Project Impact: Evaluation Methodology. Invited presentation at the annual Hazards Research and Application Workshop Add-On Session. Boulder, CO, July 17.

Wachtendorf, Tricia, 1998. Issues of Transition: Moving From an All-Women to a Co-Ed Therapeutic Community. Paper presented at the annual meeting of the Eastern Sociological Society. Philadelphia, PA, March 19.

Selected Radio Interviews:

Canada: Canadian Broadcasting Corporation's 'Cross-Country Check-Up,' 'Information Radio,' 'Sounds Like Canada' and 'This Morning' regarding the Disaster Research Center's study on the response to the World Trade Center disaster;

United States: KNPR Nevada "State of Nevada", WILM radio Wilmington, WNYC Public Radio 'Brian Lehrer Show,' WUML University of Massachusetts Lowell, and Nation Public Radio "Talk of the Nation"

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Australia: Interviewed on five radio stations throughout Australia regarding the Disaster Research Center's study on the response to the World Trade Center disaster

Television Interviews:

United States: *KYW-TV Channel 3 News CBS Affiliate* (Philadelphia, PA), *WHYY-PBS* (Wilmington, DE); *NBC Affiliate* (Champaign-Urbana, IL), *WBOC* (DE);
Documentary *Answering the Call: Ground Zero's Volunteers*;

Print Interviews:

Canada: *The Winnipeg Free Press* (Winnipeg, Manitoba)
Macleans Magazine (National)
Toronto Star (Toronto, Ontario)

Australia: *The Risk Report*

Selection of

United States: *The Christian Science Monitor* (Washington, DC)
Philadelphia Inquirer (Philadelphia, PA)
The Grand Forks Herald (Grand Forks, ND)
Newsday (New York City, NY)
The Journal News (New York City, NY)
The National Journal (Washington, DC)
Kansas City Star (Kansas City, MO)
Charlotte Observer (Charlotte, NC)
Biloxi Sun Herald (Biloxi, MS)
The Daily Camera (Boulder, Colorado)
The Denton Chronicle (Denton, Texas)
WKYC.com (Cleveland, OH)
The Miami Herald (Miami, FL)
Tallahassee Democrat (Tallahassee, FL)
The News Journal (Wilmington, Delaware)
The Update (University of Delaware)
Los Angeles Times (Los Angeles, CA)

TEACHING

Courses Taught at the University of Delaware

Introduction to Sociology

Disasters & Society

Disaster, Vulnerability, and Development

Approaches to Qualitative Inquiry

Qualitative Research Methods (graduate seminar)

TRICIA WACHTENDORF

Completed Thesis and Dissertation Committees

Chair: Lauren Barsky: M.A. *“Hands Off My Property: An Assessment of the Local, National, and International Print Media’s Portrayal of Looting in Disasters”*

Chair: Bethany Brown: Ph.D. *“Organizational Response and Recovery of Domestic Violence Shelters in the Aftermath of Disaster”*

Committee Member: Mary Chaffee: Ph.D.; Joseph Training; Ph.D.; Lynn Letukas: M.A.

Thesis and Dissertation Committees in Progress

Chair: Lauren Barsky: Ph.D.

Committee Member: Manuel Torres: Ph.D.

SERVICE

Departmental Service:

Graduate Policy Committee	(2007-present)
Methods Comprehensive Exam Committee	(2007-present)
Disasters and Collective Behavior/Social Movements Comprehensive Exam Committee:	(2004-present)
Center for Drug and Alcohol Studies Director Search Committee	(2007)
Undergraduate Policy Committee:	(2004-2007)
Core Faculty Disaster Research Center:	(2004-2006)
Department Chair Search Committee	(2006)
Department Search Committee:	(2005)

University Service:

Associate Director, Disaster Research Center	(2008-present)
Joint Appointment, Women’s Studies Program	(2007-present)
Faculty Adviser, UD-EERI Student Chapter	(2007-present)
Core Faculty Disaster Research Center	(2006-present)
DRC Director Search Committee	(2009)
DRC Strategic Planning Committee	(2007)
DRC Director Search Committee:	(2006)
Faculty Mentor: First Year Experience Program	(2005)

Professional Service:

Advisory Board: Learning from Earthquakes, Earthquake Engineering Research Institute (2005-present)

Student Activities

Board: Earthquake Engineering Research Institute (2005-present)

Contributing Author: Canadian Assessment of Natural Hazards Project

TRICIA WACHTENDORF

Manuscript Reviewer: International Journal of Mass Emergencies and Disasters;
Natural Hazards Review
McGill University Press
Southern Rural Sociology

Session Organizer Society for the Study of Social Problems Annual Meetings
Discussant: American Sociological Association Annual Meetings
Moderator: Annual Workshops on Hazards Research and Application
Recorder: Annual Workshops on Hazards Research and Applications
Panel Reviewer: National Science Foundation
Proposal Reviewer: National Science Foundation

Community Service:

Information dissemination:

Regularly provide information to such organizations as the Federal Emergency Management Agency, local Chamber of Commerce organizations, community based groups, and local emergency management organizations on disaster related issues.

Moderator: Congressional Briefing for Congressman Patrick Kennedy's Ready, Willing and Able Act, July 2005

Presenter: College of Exploration - Online tsunami workshop, funded by the National Science Foundation, for approximately 800 elementary and secondary school educators

Invited participant: "*The Networked Disaster*" Sponsored by Institute for Information Technology and Culture, Wayne State University, Detroit, PA November 13, 2007

Invited participant: Foundation for Educational Exchange between Canada and the United States meeting "*Emergency Preparedness: Joint Responses to Common Threats*" Ottawa March 23, 2006

Invited participant: "*Managing Extreme Events: Transatlantic Perspectives*" Sponsored by European Union Center of Excellence at the University of Pittsburgh, the Swedish Defence College Stockholm, Sweden and the Crisis Research Center, Leiden University, The Netherlands, University of Pittsburgh, Pittsburgh, PA March 3-4, 2006.

CURRENT PROFESSIONAL AFFILIATIONS

American Sociological Association
Society for the Study of Social Problems
International Sociological Association Research Committee on Disasters
Earthquake Engineering Research Institute
Institute for Operations Research and Management