

Biographical Summary and Vita (September 2021): Walter Gillis Peacock

Current: Professor of Urban Planning in the Department of Landscape Architecture and Urban Planning ([LAUP](#)), the Sandy and Bryan Mitchell Master Builder Endowed Chair, and Senior Fellow, Hazard Reduction and Recovery Center.

Previous: Program Director, Humans, Disasters, and the Built Environment ([HDBE](#)) Program, Division of Civil, Mechanical, and Manufacturing Innovation ([CMMI](#)), Engineering Directorate, National Science Foundation (Aug. 2019-Aug. 2021); Academic positions at: Florida International University (1992-2002) and University of Alabama – Huntsville (1986-1992).

Education Background: He received his Ph.D. (1986, Sociology) from the University of Georgia where he worked with Frederick L. Bates engaged in a variety of National Science Foundation projects studying long-term recovery following the 1976 Guatemalan Earthquake and assessing disaster impacts on households and housing.

Research Areas and Venues: Research areas: disaster resilience with a focus on disaster impact, housing recovery and restoration, community resilience, hazard mitigation and climate adaptation by households, businesses, and counties/municipalities, social vulnerability, and hurricane evacuation. Research venues: domestic and international with in-depth studies in states and regions in the United States (Texas, Florida, North Carolina, California, and the Gulf and Atlantic coasts) and Countries (Guatemala, Mexico, Peru, Italy, Turkey, India, and the former Yugoslavia).

Research Funding: His research has been funded by a variety of state and federal agencies over his career. The majority of external funding has come from the National Science Foundation (NSF), National Oceanographic Atmospheric Administration (NOAA), the United States Army Corps of Engineers (USACE), and the National Institute for Standards and Technology (NIST).

Teaching: Classroom (graduate/undergraduate): Planning Methods and Analysis, Planning Research Methods, Hazard Mitigation and Disaster Recovery, Quantitative Methods and Statistics. **Graduate:** Chaired/co-chaired 30 graduate committees. Examples of student placement: Arizona State University, University of Minnesota, Virginia Tech, John Jay School for Criminal Justice, Texas A&M University, University of Texas, University of Central Florida, University of Oklahoma, University of North Texas, SUNY-Stoneybrook; and Pusan National University.

Teaching Awards: Outstanding Mentor Award, 2018, Dept. of Landscape Architecture and Urban Planning's Student Advisory Council; Outstanding Professor of the Year Award, 1996, Graduate Student Organization, Dept. of Sociology and Anthropology, FIU; Outstanding Teacher Award, 1991, by *The Exponent*, The Univ. of Alabama in Huntsville Student Newspaper.

Research Awards: The *Quarantelli Award for Social Science Disaster Theory*, 2009, acknowledging significant theoretical work in disaster and hazards research. In 2008 he was awarded the *Rodney L. Dockery Endowed Professorship in Housing and the Homeless* and in 2012 he was awarded the *Sandy and Bryan Mitchell Master Builder Endowed Chair at Texas A&M*. In 2014 he received the *Distinguished Achievement Award in Research* from Texas A&M University.

WALTER GILLIS PEACOCK
September 2021

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Google Scholar webpage: <https://scholar.google.com/citations?user=5Jjuc0gAAAAJ&hl=en>

ResearchGate webpage: https://www.researchgate.net/profile/Walter_Peacock

EDUCATION:

Ph.D. Sociology, August 1986
The University of Georgia, Athens, Georgia
M.A. Sociology, 1982
The University of Georgia, Athens, Georgia
B.A. Sociology, 1978
Columbus State University, Columbus, Georgia

PROFESSIONAL MEMBERSHIPS:

American Planning Association, American Planning Association – Texas Chapter, American Collegiate Schools of Planning, American Sociological Association. Southern Sociological Society, International Sociological Association, International Research Committee on Disasters.

AWARDS AND HONORS:

Outstanding Mentor Award, 2018, awarded by the Department of Landscape Architecture and Urban Planning's Student Advisory Council.
Distinguished Achievement Award in Research, Texas A&M University, April 2014, sponsored by the Association of Former Students, Texas A&M University.
Sandy and Bryan Mitchell Master Builder Endowed Chair, Texas A&M University, August 2012 to present.
President, International Research Committee on Disasters, International Sociological Association, 2011 to 2015.
Enrico L. Quarantelli Award for Social Science Disaster Theory, 2009, in recognition of notable and significant theoretical work by social and behavioral scientists in the disaster area.
Rodney L. Dockery Endowed Professor in Housing and the Homeless, Texas A&M University, 2008 to 2012.
Senior Fellow, Center for Texas Beaches and Shores, Texas A&M University – Galveston. 2010 to present.
Fellow, Institute for Science, Technology and Public Policy, The Bush School of Government and public Service, Texas A&M University. 2008 to present.

Newsmaker Image Award 2006, with Michael Lindell and C. Prater, awarded by Texas A&M University's Office of Marketing and Communications.

Senior Research Fellow, Hazards Reduction and Recovery Center, College of Architecture, Texas A&M University. 2002 to present.

Outstanding Professor of the Year Award, 1996, Graduate Student Organization, Department of Sociology and Anthropology, Florida International University, Miami, Florida.

Outstanding Teacher Award, May 1991, by *The Exponent*, The University of Alabama in Huntsville's Student Newspaper.

Senior Research Associate, Center for the Study of Global Issues, University of Georgia, Athens, Georgia. 1998-2001.

Research Associate, International Laboratory of Socio-Political Ecology, University of Georgia, Athens, Georgia. 1991-1993.

Research Fellow, Institute of International Sociology, Gorizia, Italy. 1988-91.

The B.O. Williams Award to the outstanding graduate in Sociology by the Department of Sociology, University of Georgia for 1986/87.

Certificate of Excellence awarded by the Graduate Faculty, Department of Sociology, the University of Georgia for 1985.

RESEARCH, TEACHING, AND RELATED EMPLOYMENT EXPERIENCE¹:

August 2002 to present

Professor of Urban Planning, Department of Landscape Architecture and Urban Planning and Senior Research Fellow, Hazard Reduction and Recovery Center, Texas A&M University

August 2019 to August 2021

Program Director, Hazards, Disasters, and the Built Environment (HDBE) program, Division of Civil, Mechanical, Manufacturing Innovation (CMMI) Division, Engineering Directorate, National Science Foundation.

September 2004 to July 2019

Director, Hazard Reduction and Recovery Center, Texas A&M University.

January 2014 to May 2016

Associate Director, Texas Census Research Data Center, Texas A&M University

August 2008 to August 2009

Interim Executive Associate Dean, College of Architecture, Texas A&M University.

September 2003 to September 2004

Interim Head, Department of Landscape Architecture and Urban Planning, Texas A&M University.

August 2000 to August 2002

Professor and Chair, Department of Sociology and Anthropology, Florida International University.

August 2000 to August 2002

Associate Director, Laboratory for Social and Behavioral Research, International Hurricane Center, Center for Engineering and Applied Science, Florida International University, Miami, Florida.

¹ Current positions in bold-italic font.

September 1999 to August 2000

Co-Director, Laboratory for Social and Behavioral Research, International Hurricane Center, Center for Engineering and Applied Science, Florida International University, Miami, Florida.

July 1992 to August 2000

Associate Professor, Department of Sociology and Anthropology, Florida International University.

June 1996 - September 1999

Director for Research, International Hurricane Center, Center for Engineering and Applied Sciences, Florida International University, Miami, Florida.

August 1994 - August 1996

Director, Comparative Sociology Graduate Program, Department of Sociology and Anthropology, Florida International University.

September 1991 to June 1992

Associate Professor, Department of Sociology, The University of Alabama in Huntsville.

September 1986 to August 1991

Assistant Professor, Department of Sociology, The University of Alabama in Huntsville.

Summer 1984 to August 1986

Research Assistant, "International Measurement of the Social and Economic Effects of Earthquakes and Other Disasters on Household Domestic Assets." Funded by the National Science Foundation, F.L. Bates (University of Georgia) P.I.

Summer 1984 to June 1986

Research Assistant with the University of Georgia Cooperative Extension Service, Office of Accountability and Evaluation.

January 1984 to June 1984

Graduate Instructor, the Department of Sociology, University of Georgia.

Fall 1982- December 1983

Graduate Research Assistant, Department of Sociology, University of Georgia.
Senior lab Assistant, Department of Sociology's Data Analysis Center.

Summer 1979-Fall 1982

Research Assistant on two research projects: a) "A Longitudinal and Cross Cultural Study of the Post Impact Phases of a Major Natural Disaster." Funded by the National Science Foundation, F. L. Bates, P.I. and b) "A Longitudinal Study of the Social and Economic Impact of Public Law 480 Food Programs Following the Guatemalan 1976 Earthquake." Funded by US-AID, F.L. Bates, P.I.

Fall 1978-Summer 1979

Teaching Assistant, Department of Sociology, University of Georgia.

RESEARCH GRANTS

1. Co-Principal Investigator, 2020-25, *NIST Center for Risk-Based Community Resilience Planning* funded by Colorado State University from the National Institute of Standards and Technology (NIST). S. Van Zandt PI and Nathanael Rosenheim, Michelle Meyer, and Maria Koliou, co-PIs at TAMU. John van de Lindt (CSU) and Bruce Ellingwood (CSU) directors. (1.5 of 20 million).

2. Co-Principal Investigator, 2018-19, *Coastal Bend Hurricane Evacuation Study: Evacuation Zone Development, Vulnerability and Transportation Analysis*. Andy Mullins, PI, David Bierling, and Darrell Borchardt co-PIs. US Army Corps of Engineers (380K).
3. Co-Principal Investigator, 2017-2018, *RAPID: Critical Infrastructure Disruption and the Food Distribution Network: The Implications for Food Security Following a Natural Disaster*. Nathanael Rosenheim, Principal Investigator. CMMI, National Science Foundation, CMMI #1760726. (54K)
4. Principal Investigator, 2016-2020, *CRISP Type 2/Collaborative Research: Scalable Decision Model to Achieve Local and Regional Resilience of Interdependent Critical Infrastructure Systems and Communities*. Collaborative research between Texas A&M University (Lead University: W.G. Peacock, N. Rosenheim, and D. Goldberg), Colorado State University (B. Ellingwood, E. Chong, and J. van de Lindt E. Chen), University of Illinois-Urbana-Champaign (P. Gardoni and S. Chaudhuri), and East Carolina University (J. Kruse). National Science Foundation (707K of 2.1 million). *Note: August 2019, I divested from this grant to become a program director at NSF.*
5. Principal Investigator and Social Science Team Leader, 2015-20, *NIST Center for Risk-Based Community Resilience Planning* funded by Colorado State University from the National Institute of Standards and Technology (NIST). S. Van Zandt, Yu Xiao, and Nathanael Rosenheim co-team members a TAMU, John van de Lindt (CSU) and Bruce Ellingwood (CSU) directors. (1.3 of 20 million).
6. Co-Principal Investigator, 2014-16, *Valley Study Area Hurricane Evacuation Study: Evacuation Zone Development, Vulnerability and Transportation Analysis*. Andy Mullins, PI, S. Van Zandt, Darrell Borchardt, and Roma Stevens, co-PI. US Army Corps of Engineers (300K).
7. Co-Principal Investigator, 2014-6. *Structures of Long-Term Disaster Recovery: Organizational Roles and Collaboration in Six Cities*. Michelle Meyer, PI., S. Van Zandt, David Bierling, John Cooper Co-PIs National Science Foundation (221K)
8. Co-Principal Investigator, 2014-7. *REU Site: Studies in Social Inequality and Social Vulnerability*. Mark Fossett, PI. National Science Foundation (270K)
9. Co-Principal Investigator, 2014-5. *RAPID: Technological versus Natural Disasters: Consequences for Early Recovery Planning and Decision-Making at the Community and Household Level*. Michelle Meyer, PI, S. Van Zandt, David Bierling, John Cooper Co-PIs. National Science Foundation (43.8K)
10. Principal Investigator, 2012-15. *The Adoption and Utilization of Hazard Mitigation Practices by Jurisdictions along Gulf and Atlantic Coasts*. Co-PIs: S. Van Zandt (Texas A&M) and H. Grover (State University of New York – Buffalo), National Science Foundation (440K).
11. Principal Investigator, 2011-14. *A Workshop on a New Cross-Directorate program on Disaster Resilience, Vulnerability, and Risk Reduction*. Gregory Tripoli (University of Wisconsin-Madison) and Sharon Wood (University of Texas), Co-PIs. National Science Foundation (85K).
12. Co-Principal Investigator, 2011-5. *Texas Census Research Data Center*. Mark Fossett, PI, Rogelio Saenz and Simon Sheather Co-PIs. National Science Foundation. (300K).
13. Co-Principal Investigator. 2009-2013. *Developing a Living Laboratory for Examining Community Recovery and Resilience after Disaster*. S. Van Zandt, PI, W. Highfield, Yu Xaio, and Sam Brody Co-PIs. National Science Foundation. (374K).

14. Principal Investigator. 2008-2010. *A Workshop on the Concept of a National Hazard Vulnerability and Resiliency Observatory Network*. National Science Foundation. (83K).
15. Co Principal Investigator. 2008-2010. *A Coastal Planning Atlas for Decision Makers and Local Residents: Phase II*. National Oceanographic Atmospheric Administration (NOAA), Sea Grant. S.D. Brody, Principal Investigator, Forster Ndubisi, Douglas Wunneburger and June Martin, Co-PIs. (291K).
16. Co-Principal Investigator. 2008-9. *Development of a Land Use Change Early Warning System II*. S.D. Brody, Principal Investigator, S. Highfield, Forster Ndubisi, Doug Wunneburger, Co-PIs. Funded by the National Parks Service. (379K)
17. Principal Investigator. 2007-10. *Information Resources Supporting the Resilience of Coastal Areas in the Us Portion of the Gulf of Mexico*. Funding Agency: NOAA/Coastal Services Center. Sam Brody, Co-PI. (299K)
18. Principal Investigator. 2007-2012. *Status and Trends of Coastal Vulnerability to Natural Hazards*. Texas General Land Office/NOAA Sam Brody, C. Prater, Michael Lindell, Forster Ndubisi, June Martin, and Douglas Wunneburger, Co-PIs. (5 year combined total ~650K)
19. Principal Investigator. 2007. *Hurricane Rita Behavioral Survey*. Michael Lindell and C. Prater co-principal investigators. Funded by the Texas Department of Transportation to Texas Transportation Institute. (67K).
20. Co-principal Investigator. 2005-8. *Developing a Coastal Communities Planning Atlas as an Educational Tool for Decision Makers and Local Residents*. Texas Sea Grant College Program. Sam Body, Principal Investigator, Forster Ndubisi, Douglas Wunneburger and June Martin, Co-PIs. (388K).
21. Co-Principal Investigator. 2006-8. *Development of a Land Use Change Early Warning System I*. Chris Ellis, Principal Investigator, Sam Brody, Forster Ndubisi, Doug Wunneburger, Co-PIs. Funded by the National Parks Service. (130K)
22. Principal Investigator. 2006/7. *Socio-Economic Impacts of Earthquakes*. Funded by the Mid-American Earthquake Center and NSF. (70K)
23. Principal Investigator. 2006/7. *Socio-Economic Impacts of Earthquakes, Memphis Test Bed Supplement*. Funded by the Mid-American Earthquake Center and NSF. (25K).
24. Co-Principal Investigator. 2005. *Social Vulnerability Mapping and GIS in Tsunami Impact Analysis*. Funded by the National Science Foundation. C. Prater, Principal Investigator and Mike Lindell, R. Srinivasan, Todd Snelgove, co-principal investigators. (94K).
25. Co-principal Investigator. 2004-5. *Capital Hill Response to Air Attack*. Department of Naval Defense. George Rogers, PI, Mike Lindell, C. Prater, David Bilbo co-PIs. (45K)
26. Principal Investigator. 2004/5. *Damage Synthesis: Quantitative Models of Social and Economic Consequences*. Funded by the Mid-American Earthquake Center and NSF. C. Prater and Mike Lindell, co-principal investigators. (13.3K).
27. Co-Principal Investigator. 2004/5. *Damage Synthesis: Socio-Economic Impact Assessment*. Funded by the Mid-American Earthquake Center and NSF. C. Prater, Principal Investigator and Mike Lindell, co-principal investigator. (40K).
28. Co-Principal Investigator. 2003/4. *Damage Synthesis: Socio-Economic Impact Assessment* Funded by the Mid-American Earthquake Center and NSF. C. Prater, Principal Investigator and Mike Lindell, co-principal investigator. (40K).
29. Co-Principal Investigator. 2003. *Damage Synthesis: Socio-Economic Impact Assessment* Funded by the Mid-American Earthquake Center and NSF. C. Prater, Principal Investigator and Mike Lindell, co-principal investigator. (40K).

30. Co-Principal Investigator. 2001. Hurricane Andrew 10 Years Later: Implications for Disaster Mitigation. Fund by the National Science Foundation. Betty Hearn Morrow, Principal Investigator. Completed. (240K); Supplemental funding obtained in April, 2003 (18K)
31. Co-Principal Investigator. 2001. DCA Housing & Mitigation Options. Florida Department of Community Affairs. Betty Hearn Morrow, Principal Investigator. Funded January 2001. Completed (84K).
32. Principal Investigator, Miami-Dade Hurricane Mitigation Study. Funded by Wharton School of Economics, University of Pennsylvania. Betty Hearn Morrow Co-Principal Investigator. Completed (15K).
33. Co-Principal Investigator, Statewide Baseline Hurricane Mitigation Survey, Funded by the Florida Department of Community Affairs, Division of Housing and Community Development. Betty Morrow, principal Investigator. Funded Spring 1999. Completed (116K).
34. Principal Investigator, Residential Construction Mitigation Program Educational Campaign and Assessment Project. Co-Principal Investigators: Hugh Gladwin, and Ricardo Alvarez Funded by the Florida Department of Community Affairs, Division of Housing and Community Development. Funded Spring 1998. Completed (132K).
35. Principal Investigator, Insurance and Banking Mitigation Incentive Program Planning Project. Co-Principal Investigators: Shahid Hamid, and Krishnan Dandapani Funded by the Florida Department of Community Affairs, Division of Housing and Community Development. Funded Spring 1998. Completed (50K).
36. Principal Investigator, Academic Review of the Residential Construction Mitigation Project. Co-Principal Investigators: Betty Hearn Morrow, Rich Olson, Ricardo Alvarez, Jose Mitrani, Niki Dash, Hugh Gladwin Funded by the Florida Department of Community Affairs, Division of Housing and Community Development. Funded Spring 1998. Completed. (75K).
37. Co-Principal Investigator, Resources for Mitigating Hurricane Vulnerability in Florida, Funded by the Florida Department of Community Affairs, Division of Emergency Management. Hugh Gladwin, principal Investigator, and Stephen Leatherman Co-Principal Investigator. Funded Spring 1998. Completed. (717K)
38. Principal Investigator, Mitigation and Evacuation Decision in the face of an Impending Disaster. Funded by the National Science Foundation. Hugh Gladwin Co-Principal Investigator. Funded Fall 1995. Completed. (49K)
39. Co-Principal Investigator, Homestead Housing Needs and Demographic Data Project. Funded by the City of Homestead. Tom Wilson and Hugh Gladwin co-directors. Funded Fall 1994. Completed. (45K)
40. Co-Principal Investigator, "Hurricane Andrew and the Reshaping of Miami." Research Project funded by the Florida International University Foundation, Inc. Betty Hearn Morrow, co-principal investigator. Funded Summer 1994, Completed: (9.6K).
41. Co-principal Investigator, "Assessing A Community Recovery Function for the ARC Disaster Response Plan." Funded by the American Red Cross. Betty Morrow, principal investigator. Funded Winter 1993-4. Completed. (23K)
42. Co-Director, "Hurricane Andrew Population Impact Study." Funded by the State of Florida's Bureau of Economic and Business Research. Hugh Gladwin, director and Chris Girard, co-director. Funded Spring 1993. Completed. (60K)

43. Principal Investigator, "Pre-Impact Preparation and Post-impact Restoration Activities following Hurricane Andrew." Funded by the National Science Foundation. Hugh Gladwin, co-principal investigator. Funded Fall 1992. Completed. (41K)
44. Principal Investigator, "Hurricane Andrew Disaster Research Project." Funded by the Division of Sponsored Research and Training, Florida International University. Funded Fall 1992. (25K)
45. Principal Investigator, "Social-Systemics and Disaster Research." Funded by the Research Institute, University of Alabama in Huntsville. Spring 1989. Completed. (5K)
46. Associate Investigator, "International Measurement of the Social and Economic Effects of Earthquakes and Other Disasters on Household Domestic Assets." Funded by the National Science Foundation. F.L. Bates, Principal Investigator. June 1987 to August 1990.

BOOKS:

1. Masterson, J.H., W.G Peacock, S. Van Zandt, H. Grover, L. Field Schwarz, and J. Cooper, Jr. 2014. *Planning for Community Resilience: A Handbook for Reducing Vulnerability to Disasters*. Island Press: Washington D.C. Paper ISBN: 9781610915854.
<https://islandpress.org/books/planning-community-resilience>
2. Peacock, W.G., B.H. Morrow, and H. Gladwin Editors. 1997. *Hurricane Andrew: Ethnicity, Gender and the Sociology of Disaster*. London: Routledge.
<https://www.routledge.com/Hurricane-Andrew-Ethnicity-Gender-and-the-Sociology-of-Disasters/Peacock-Gladwin/p/book/9781138867116>
 - 2000. Paperback edition, College Station: Hazard Reduction and Recovery Center.
 - 2012. eBook edition, London: Routledge;
 - 2014. Paperback edition, London: Routledge.
3. Bates, F.L. and W.G. Peacock. 1993. *Living Conditions, Disasters and Development: An Approach to Cross-Cultural Comparisons*. Athens, Georgia: University of Georgia Press.
<https://ugapress.org/book/9780820331225/living-conditions-disasters-and-development/>
 - 2008, Paperback edition, Athens, Georgia: University of Georgia Press.

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ARTICLES:

1. Hamideh, S., Peacock, W.G., Van Zandt, S. (2021). Housing Type Matters for Pace of Recovery: Evidence from Hurricane Ike. *International Journal of Disaster Risk Reduction*. 57. <https://doi.org/10.1016/j.ijdrr.2021.102149>
2. Fereshtehnejad, E., Gidaris, I., Rosenheim, N., Tomczak, T., Padgett, J.E., Cox, D.T., Van Zandt, S., Peacock, W.G. (2021). Probabilistic Risk Assessment of Coupled Natural-Physical-Social Systems: The Cascading Impact of Hurricane-Induced Damages to Civil Infrastructure in Galveston, Texas. *Natural Hazards Review*. 22(3), 04021013
<https://ascelibrary.org/doi/abs/10.1061/%28ASCE%29NH.1527-6996.0000459>
3. van de Lindt, J.W., Peacock, WG, Mitrani-Reiser, J. Rosenheim, N., Deniz, D., Dillard, M., Tomiczek, T., Koliou, M., Graettinger, A., Crawford, S., Harrison, K., Barbosa, A., Tobin, J., Helgeson, J., Peek, L., Memari, M., Sutley, E., Hamideh, S., Gu, D. Cauffman, S. and Fung, J. (2020). Community Resilience-Focused Technical Investigation of the 2016 Lumberton, North Carolina Flood: An Interdisciplinary Approach. *Natural Hazards Review*. 21(3). DOI: [10.1061/\(ASCE\)NH.1527-6996.0000387](https://doi.org/10.1061/(ASCE)NH.1527-6996.0000387).

4. Rosenheim, N., R. Guidotti, P. Gardoni, and WG Peacock. (2019). Integration of Detailed Housing Unit Characteristic Data with Critical Infrastructure and Its Implementation to Post-Hazard Resilience Modeling. *Sustainable and Resilient Infrastructure*. <https://doi.org/10.1080/23789689.2019.1681821>
5. Meyer, M., J.C. Purdum, K. Breen, J. Aggrey, D. Forrest, C. Nunez, and W.G. Peacock. (2019). Perspectives from Nongovernmental Organizations on Education and Training Needs for Community Disaster Recovery. *Journal of Emergency Management*, 17(3) <http://dx.doi.org/10.5055/jem.2019.0422>
6. Hamideh, S., W.G. Peacock, and S. Van Zandt. (2018) Housing Recovery After Disasters: Primary versus Seasonal/Vacation Housing Markets in Coastal Communities. *Natural Hazards Review*, 2018, 19(2): 04018003. [https://doi.org/10.1061/\(ASCE\)NH.1527-6996.0000287](https://doi.org/10.1061/(ASCE)NH.1527-6996.0000287)
7. Maghelal, P., Li, X. and Peacock, W. G. (2017). Highway Congestion during evacuation: examining the household's choice of number of vehicles to evacuate. *Natural Hazards*. 87:1399-1411. DOI: 10.1007/s11069-017-2823-5
8. Maghelal, P., Peacock, W.G., and Li, X. (2017). Evacuating Together or Separately: Factors Influencing Split Evacuations Prior to Hurricane Rita. *Nat. Hazards Rev.* 18(2), [https://doi.org/10.1061/\(ASCE\)NH.1527-6996.0000226](https://doi.org/10.1061/(ASCE)NH.1527-6996.0000226)
9. Ellingwood, B.R., H. Cutter, P. Gardoni, W.G. Peacock, J.W. van de Lindt, and N. Yang. (2016). The Centerville Virtual Community: a Fully integrated decision model of interacting physical and social infrastructure systems. *Sustainable and Resilient Infrastructure*, 1(3-4):95-107. <http://dx.doi.org/10.1080/23789689.2016.1255000>
10. Zhu, L., S.M. Quiring, I. Gunalp, W.G. Peacock. (2015). Variations in tropical cyclone-related discharge in four watersheds near Houston, Texas. *Climate Risk Management*, 7:1-10 or [doi:10.1016/j.crm.2015.01.002](https://doi.org/10.1016/j.crm.2015.01.002)
11. Peacock, W.G., S. Van Zandt, Y. Zhang, and W. Highfield. (2014). Inequities in Long-term Housing Recovery After Disasters. *Journal of the American Planning Association*. 14(4): DOI:10.1080/01944363.2014.980440
 - Reprinted: 2017 in *Urban Planning After Disasters*. Volume 4: Housing and Economic Recovery. Edited by Robert Olshansky. Chapter 59. Routledge: London.
 - Reprinted: (forthcoming, 2021) in *The Affordable Housing Reader*, 2nd Edition, Routledge.
12. Xiao, Y. and W.G. Peacock. (2014). Does Hazard Mitigation and Preparedness Reduce Physical Damage to Businesses in Disasters: The Critical Role of Business Disaster Planning. *Natural Hazards Review*. DOI: 10.1061/(ASCE)NH.1527-6996.0000137 or *15(3):01014007-1-11*
13. Highfield, W., W.G. Peacock, and S. Van Zandt. (2014). Mitigation Planning: Why Hazard Exposure, Structural Vulnerability, and Social Vulnerability Matter. *Journal of Planning Education & Research*. DOI: 10.1177/0739456X14531828 or 34(3):287-300.
14. Brody, S.D., W.G. Peacock, and J. Gunn. (2012). Ecological Indicators of Flood Risk Along the Gulf of Mexico. *Ecological Indicators* 18(July):493-500 or [doi:10.1016/j.ecolind.2012.01.004](https://doi.org/10.1016/j.ecolind.2012.01.004).
15. Van Zandt, S., W.G. Peacock, D. Henry, H. Grover, W. Highfield, and S. Brody. (2012). Mapping Social Vulnerability to Enhance Housing and Neighborhood Resilience. *Housing Policy Debate*, 22(1):29-55 <http://dx.doi.org/10.1080/10511482.2011.624528>

16. Brody, S., J. Gunn, W.G. Peacock, and W. Highfield. (2011). Examining the Influence of Development Patterns on Flood Damages along the Gulf of Mexico. *Journal of Planning Education and Research*, 31(4):438-48 or DOI: 10.1177/0739456X11419515
17. Ge, Y., W.G. Peacock, M.K. Lindell. (2011). Florida Households' Expected Response to Hurricane Hazards Mitigation Incentives. *Risk Analysis*, 31(10):1676-91 or DOI: 10.1111/j.1539-6924.2011.01606.x
18. Kang, J.E., W.G. Peacock, and R. Husein. (2010). An Assessment of Coastal Zone Hazard Mitigation Plans in Texas. *Journal of Disaster Research*, 5(5):526-34. doi: 10.20965/jdr.2010.p0526
19. Arlikatti, S., W.G. Peacock, C. Prater, H. Grover and A.G. Sekar. 2010. Assessing the Impact of the Indian Ocean Tsunami on Households the Domestic Assets Approach *Disasters*, 34(3):705-31 or doi:10.1111/j.0361-3666.2010.01166.x
20. Zhang, Y. and W.G. Peacock. 2010. Planning for Housing Recovery: Lessons Learned from Hurricane Andrew. *Journal of the American Planning Association*, 76(1):5-24 or DOI 10.1080/01944360903294556
 - Reprinted: 2017 in *Urban Planning After Disasters*. Volume 4: Housing and Economic Recovery. Edited by Robert Olshansky. Chapter 58. Routledge: London.
21. Gladwin, H., J.K. Lazo, B.H. Morrow, W.G. Peacock, and H.E. Willoughby. 2009. Social Science Research Needs for the Hurricane Forecast and Warning System. *Bulletin of the American Meteorological Society*, January:25-29 or DOI:10.1175/2008BAMS2606.1
22. Chiu, Y.C., H. Zheng, G.A. Villalobos, W.G. Peacock, R.H. Henk. 2008. Evaluating Regional Contra-Flow and Phased Evacuation Strategies for the Houston-Galveston Area Using a Large-Scale Dynamic Simulation and Assignment Model. *Journal of Homeland Security*. 5(1):Article 34 (pp. 1-29) or DOI: 10.2202/1547-7355.1409
23. Zahran, S., S.D. Brody, W.G. Peacock, H. Grover, A. Vedlitz. (2008). Social Vulnerability and the Natural and Build Environment: a model of flood Casualties in Texas. *Disasters* 32(4): 537-560 or doi:10.1111/j.0361-3666.2008.01054.x
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2. Gu, D., G. Newman, W.G. Peacock, N. Rosenheim, and S. Hamideh, (2019) Post-Disaster Residential Redevelopment: The Duration of Vacancy After Hurricane Ike. Paper presentation, *American Collegiate Schools of Planning Annual Conference*, October 24-7, 2019, Greenville, South Carolina.
3. Wade, H. and W.G. Peacock (2019) State Coastal Management Programs Under the Coastal Zone Management Act: When Do Local Plans and Ordinances Matter? Paper presented at the 2019 Hazards Researchers Meeting, July 15-16, Broomfield, Colorado.
4. Gu, D., W.G. Peacock, and N. Rosenheim. (2019) Residential Household Dislocation After Three Hurricanes. Poster presented at the *44rd Annual Natural Hazards Research and Applications Workshop*, July 12-15, Broomfield, Colorado.
5. Meyer, M., W.G. Peacock, S. Van Zandt, and N. Rosenheim. (2019) The Texas A&M University Hazard Reduction and Recovery Center at 30 Years. Poster presented at the *44rd Annual Natural Hazards Research and Applications Workshop*, July 12-15, Broomfield, Colorado.
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90. Peacock, W.G.. 1987. "Ethno-Cultural Change in the Central Highlands of Guatemala: A Diffusion-Erasure Perspective." Paper presented at the Rural Sociological Society's annual meetings, August 11-15, Madison, Wisconsin.
91. Hoover, Greg A., W.G. Peacock, and C.D. Killian. 1986. "Inequality in World Development and World Systems Theory: A Decomposition Analysis." Paper presented at the Southern Sociological Society's annual meetings, New Orleans, Louisiana.

92. Bates, F.L., W.G. Peacock, and C.D. Killian. 1985. "Cross-Cultural Measurement of Social and Economic Development at the Household Level: The Domestic Assets Approach." Paper presented at the American Association for the Advancement of Science's annual meetings, Los Angeles, California.
93. Peacock, W.G., Greg A. Hoover, C.D. Killian, and F.L. Bates. 1984. "Alterations in Community Complexity and Household Recovery Following the 1976 Guatemalan Earthquake." Paper presented at the American Sociological Association's annual meetings, San Antonio, Texas.
94. Killian, C.D., W.G. Peacock, and F.L. Bates. 1984. "Decomposing Inequality Trends Following the 1976 Guatemalan Earthquake." Paper presented at the Southern Sociological Society's meetings, Knoxville, Tennessee.
95. Killian, C.D., W.G. Peacock, and F.L. Bates. 1983. "The Impact of the 1976 Guatemalan Earthquake on Inequality of Household Domestic Assets." Paper presented at the MidWestern Sociological Society's annual meetings. Kansas City, Missouri.
96. Peacock, W.G.. 1980. "A History of Network Analysis." Presentation at the annual meetings of the Georgia Sociological Society's annual meetings, Jekyll Island, Georgia.
97. Peacock, W.G.. 1980. "Ethnic Group Differences in the Reconstruction and Recovery Process: The 1976 Guatemalan Earthquake." Presentation at the Southern Sociological Society's annual meetings, Louisville, Kentucky.

SELECTED PROFESSIONAL ACTIVITIES:

Editorial Board, Sustainable and Resilient Infrastructure, Taylor and Francis. 2017-2019
 Associate Editor, *Natural Hazards Review*, 2003-2011
 Book Review Editor, *International Journal of Mass Emergencies and Disasters*, 1997 to 2002.
 Reviewer, 2014-15, 2017, *Journal of Planning Education and Research*
 Reviewer, 2014 *Journal of Planning Literature*
 Reviewer, 2013-4, 2017, *Journal of the American Planning Association*
 Reviewer, 2011, *Housing Policy Debate*
 Reviewer, 2010, *Science*
 Reviewer, 2009-10, *Risk Analysis*
 Reviewer, 2008, *Journal of Environmental Planning and Management*
 Reviewer, 2006-7, 2008-9, 2012, *Disasters*
 Reviewer, 1993 – 99, 2002, 2004, 2014-5, 2016, *National Science Foundation*
 Reviewer, 1996-7 *Sociological Forum*
 Reviewer, 1999, 2000, 2001 *Sociological Spectrum*
 Reviewer, 2000, 2001 *Environmental Hazards*
 Reviewer, 2001, 2003, 2004-11, 2014-17 *Natural Hazards Review*
 Reviewer, 2003, *Urban Studies*
 Reviewer, 2005-7, *Earthquake Spectra*
 Reviewer, 2006-7, *Journal of Marine Technology and Society*.
 Reviewer, 2006, *Natural Hazards*.
 Reviewer, 2006-7, *Weather and Forecast*.
 Reviewer, 1991-1994, 2001, 2012 *American Sociological Review*
 Reviewer, 1992, 1997, 2009, 2011 *International Journal of Mass Emergencies and Disasters*
 Reviewer, 1991-1993, 1997 *Social Forces*
 Reviewer, 1995, 1996, 1997 *Sex Roles*

Reviewer, Routledge, Cornell University Press.

Invited Participant, Research Methods Meeting for Hurricane Maria Technical Investigations – Disaster Failures Studies and the National Construction Safety Team (NCST) Act. National Institute of Standards and Technology and the National Center for Disaster Medicine and Public Health. Henry M. Jackson foundations Headquarters, Bethesda Maryland, 6-7 September 2018.

Invited Participant and Presenter, Immediate Occupancy Performance Objectives Workshop, National Institute of Standards and Technology. Held at the Institute for Defense Analyses, Systems and Analyses Center, Alexandria, VA. January 16-17, 2018.
<https://doi.org/10.6028/NIST.SP.1224>

Member, National Advisory Committee on Windstorm Impact Reduction (<https://www.nist.gov/el/materials-and-structural-systems-division-73100/national-windstorm-impact-reduction-program-1>). This committee, established by Congressional Mandate and organized by the National Institute for Standards and Technology, was organized to review the National Windstorm Impact Reduction Plan (NWIRP).

Steering Committee member and invited participant: NSF, Division of Civil, Mechanical and Manufacturing Innovation (CMMI), workshop on *Building a CMMI Data Infrastructure Community*. Peter Voorhees and Steve French, PIs on this workshop.

Invited participant and speaker, plenary session entitled: What's New? Insights from U.S. Hazard Research Centers, at the 2016 Natural Hazards Workshop, Broomfield Colorado. Talk entitled: The Hazard Reduction and Recovery Center: Some Recent Research Findings and their implications for Practice.

Convener and presenter at the Hazard Reduction and Recovery Center's 25th Anniversary Workshop. Talk: Understanding Vulnerability to Hazards. Texas A&M University, College Station, Texas, April 2014.

Invited participant and speaker, Disaster Research Center's 50th Anniversary Workshop and Celebration Talk: Recovery: Can we get there from here? Presentation at the, University of Delaware, May, 2014.

Invited speaker, GIS Day, Texas A&M University. Talk: GIS, Hazards and Social Vulnerability. Presentation to GIS Day, Texas A&M University, College Station, Texas, November 21, 2013.

Invited participant and speaker, Association of Collegiate Schools of Planning Administrator's Conference. Presentation: Disaster Research Centers in Planning Programs: The Hazards Reduction and Recovery Center. The Ohio State University, Columbus, Ohio; November 2013.

Co-Organizer and Speaker, Planning for Sustainable Coastal Communities Symposium, Texas A&M Galveston. Gave five presentations: Hazard Mitigation: An Overview; Mitigation Strategies: Coastal Policies that are Under-Utilized, Coastal Planning Atlas: Social Vulnerability Scenarios; On the Map; and Where do we go from Here, 2012.

Invited Speaker, Imagining New Futures Workshop, Texas A&M University. Talk entitled: Planning For disaster Resilience and Sustainability in a new Era of Catastrophes: Where we stand along the Texas coast. January, 2012.

Invited Participant and Speaker, Virginia Tech's third international conference on Community Resilience, Davos, Switzerland. Talk entitled: Implementing Hazard Mitigation Strategies at

- the Local Level: Determinants and the implication for Community Resilience.
<http://ncr.vt.edu/highlights/Highlight-112912.html>
- Invited Participant and Speaker, Pan American Academy of Engineering Annual Meeting. Talk entitled: Toward Transformative Cross-Disciplinary Approaches for Disaster Resilience and Vulnerability and Risk Reduction. Mexico City, Mexico, October 2-4, 2012.
- Invited Participant, Adaption to Sea Level Rise: Minimizing Risk to the Built, Natural and Economic Environments Along the Texas Gulf Coast. University of Texas Marine Science Institute. September 18-19, 2012.
- Steering Committee and Speaker, of a National Academies of Science, Science and Technology for Sustainability Workshop entitled: *Pathways to Urban Sustainability: A Focus on the Houston Metropolitan Region*. Rice University, Houston Texas, January 18th & 19th, 2012.
<http://sites.nationalacademies.org/PGA/sustainability/HoustonUrban/index.htm>
- Invited Participant and Speaker, Community Resiliency: Technology, Policy, and Resiliency: Moving Resilience from Concept to Reality. Virginia Tech, Second Conference on community Resiliency, Virginia Tech Research Center – Arlington Virginia. Talk entitled: *Assessing community Resilience: A community Disaster Resilience Framework*. September 18, 2011. <http://www.ncr.vt.edu/arlington/resiliency.html>
- Convener, coordinator and Co-host of a NSF Workshop to explore a cross directorate program addressing resiliency, vulnerability and risk reduction to Create a more Resilient America (CaMRA). Sponsored by the National Science Foundation’s Social, Behavioral and Economic Sciences Directorate (SBE), Engineering (ENG) and Geoscience (GEO). Washington, D.C., June 1-2, 2011. <http://archone.tamu.edu/hrrc/camra/>
- Invited Speaker, Gulf Coast Ecosystem Restoration Task Force meeting, Galveston, Texas, June 27, 2011. Presentation available at: http://archone.tamu.edu/hrrc/Publications/presentations/11-01_pres_peacock_ecosystems_coastal_haz_and_sv.pdf.
- Invited Speaker on a panel entitled, Planners Roles in Large Multi-Disciplinary Research Projects, at the Associate of Collegiate Schools of Planning, Administrators Conference & New Chairs’ School, May 5, 2011.
- Invited Participant, NSF Workshop to explore the future of Observatories in the Social Sciences. Sponsored by National Science Foundation’s Social, Behavioral and Economic Sciences Directorate (SBE), Washington DC. December 9-10, 2010.
- Invited Participant, NSF workshop addressing a new cross-directorate program on disaster resilience, vulnerability and risk reduction, sponsored by three directorates within NSF: Engineering; Geosciences; and Social, Behavioral and Economic Sciences [SBE]. Washington, D.C., November 5, 2010.
- Invited Participant, Theory of Disaster Recovery Workshop. NSF sponsored workshop put on by The Public Entity Risk Institute, in collaboration with the University of North Carolina, Chapel Hill and California Polytechnic State University. University of North Carolina – Chapel Hill, November 11-12, 2010.
- Invited Speaker, keynote panel entitled: The development of a Resiliency and Vulnerability Observatory Network (RAVON). International Research Committee of Disasters Researchers’ Meeting Omni Interlocken Resort, Broomfield, Colorado, July 13th 2010.
- Invited Speaker, for a session entitled “Do We Need a Coordinated Disaster Research Agenda” Natural Hazards Workshop, Omni Interlocken Resort, Broomfield, Colorado, July 11th 2010.
- Invited Speaker, Subcommittee for Disaster Reduction, President’s National Science and Technology Council, White House Conference Center, Lincoln Room, April 1, 2010.

Invited Speaker, Toward Sustainable Urban Systems: Natural Hazards, Vulnerability, and Resiliency. Presentation to the National Academies' of Science, Second Sustainability Research and Development Forum. National Academies Headquarters, Washington DC, September 23, 2009.

Invited Speaker, Some Considerations on the Notion of Community Resilience. Honorary lecture given at the presentation of the E.L. Quarantelli Award for Social Science Disaster Theory at the International Research Committee of Disasters Researchers' Meeting Omni Interlocken Resort, Broomfield, Colorado, July 18th 2009

Invited Speaker, The Need for Resiliency and Vulnerability Observatory Network: RAVON. Presentation to the International Research Committee on Disasters Researchers' Meeting, Omni Interlocken Resort, Broomfield, Colorado, July 19th 2009.

Invited speakers, Advancing Coastal Community Resiliency. Resiliency Workshop, Omni Interlocken Resort, Broomfield, Colorado, July 14th 2009.

Invited Speaker, Toward a Resiliency and Vulnerability Observatory Network: RAVON. Presentation at the United States Geological Survey Headquarters, Reston Virginia, June 25th 2009.

Chair, Steering Committee, Toward a National Observatory for Hazard and Disaster Resiliency and Vulnerability, 2007-2008, Funded and supported by United States Geological Survey and the National Science Foundation.

Steering Committee, Hurricane Forecast Social and Economic Working Group 2004-2007. Funded and supported by NCAR/NOAA to develop a social science research agenda for NOAA related to Hurricane Forecast and Warning.

Invited Speaker. Katrina and Social Vulnerability: Another Neglected Message. Southern Sociological Society Annual Meetings. April 2006. New Orleans, Louisiana.

Invited Presenter. Update on Data Set Development for Long-term Housing Recovery and Population Dislocation Estimation, by W.G. Peacock, Y. Zhang, Jing-Chein Lu, and Liang Chang. Mid-American Earthquake Annual Meeting, Austin, Texas. January 2006.

Invited Presenter. SE-2: Necessary Inputs and Probable Outputs by W.G. Peacock, Y. Zhang, Jing-Chein Lu, and Liang Chang. Integrating Damage and Consequence Models Workshop, Sponsored by the Mid-American Earthquake Center, Chicago, Illinois, February, 2006.

Invited Presenter. Population Dislocation, Temporary Shelter and Permanent Housing Recovery Estimation, by W.G. Peacock, Y. Zhang, Jing-Chein Lu, and Yi Sz Lin Mid-American Earthquake Center NSF Cite Visit, University of Illinois-Urbana, November 14, 2006.

Invited Speaker. Resiliency, Sustainability, and Vulnerability: Some Notes on the Concept of Resiliency. Resilience Index Session, Natural Hazards Workshop, Boulder Colorado. July 11, 2006.

Invited Participant and Speaker. Forecast Uncertainty and Hurricane Hazard Warning Research: Some Uncertain Research Issues. Presentation to the Workshop on North American THORPEX Societal and Economic Research And Applications, National Center for Atmospheric Research, Boulder Colorado, August 13-7, 2006.

Invited Speaker. Hurricane Forecast Socio-Economic Working Group: Building a Social Science Research Agenda on Hurricane Forecast and Warning, by W.G. Peacock, Hugh Gladwin Jeffrey K. Lazo, Betty Hearn Morrow and Hugh E. Willoughby. Presentation to National Oceanographic and Atmospheric Administration (NOAA) Headquarters, Silver Springs, Maryland. April, 14, 2006.

Invited participant. *Community Resilience Salon*. National Center for Atmospheric Research, Boulder Colorado. Sponsored by the NOAA Coastal Services Center. July 7th, 2006, Boulder Colorado.

Invited speaker and presenter, National Science Foundation's National Science Board Presentation, National Center for Atmospheric Research, Center Green Campus, Boulder Colorado, February 7, 2006.

Invited Speaker. Toward a Social Science Research Agenda on Hurricane Forecast and Warning Issues. Presentation at the National Science Foundation Headquarters, April 13, 2006.

Invited Speaker. Long-term Housing Recovery. *Student Disaster Symposium*. Texas A&M University, October, 5, 2006.

Organizer and Host, Hazards and Disaster Researcher's Annual Meeting, Boulder Colorado, July, 2006.

Interviewed and quoted by the following reporters and newspapers following Hurricane Katrina: Battalion; Sharon Kohn, AP, Chicago; Patrick Johnson, Christian Science Monitor; Susan Martin, St. Petersburg times; Bob Elder, Austin American Statesman; Niles Stanish, (Ireland) Sunday Business Post; Katharine Louis, New House Press Service; Constance Holden, Science News; Mark Bishop, British Columbia; Josh White, Washington Post; Scott Parks, Dallas News; Boston Herald; Kathy Human, Denver Post; Cheryl Glazer, Market Place; John Mc Kinner, Wall Street Journal; Matoko Rich, New York Times; Dan Feldstein, Houston Chronicle; Jose Diaz Briseno, REFORMA, largest newspaper in Mexico; Manon Boivin, Parallax Film Productions, Vancouver BC, Discovery Channel; Chuck McCutcheon, Newhouse News Service, Washington DC.; Susan Glasser, Washington Post; Bob Tanner, Associated Press; Margaret Lenord, National Real Estate Investor; Mitch Perry, Tampa tribune; Frank Lankfitt, NPR; S.h Moore, Beaumont Enterprise; Linda Niemi, Lexington Herald-Leader; Anne Applebaum, Washington Post; Pittsburg Post; McNelly Torres, Sun Sentinel.

Invited Speaker. Hurricane Andrew and Katrina: Lessons Learned, Unlearned, and Relearned. Presentation at the George Bush Presidential Library sponsored by the Texas A&M Integrative Center for Homeland Security. October 20, 2005.

Invited Presenter. Single Family Housing Recovery After Hurricane Andrew in Miami-Dade County, by, W.G. Peacock and Y. Zhang, Global Symposia Presentations Research on the Build & Virtual Environments, College of Architecture, November 14, 2005.

Invited Speaker. Disaster and Emergency Planning. Invited presentation to the Texas American Planning Association Annual Conference, Forth Worth, Texas, October, 2005.

Invited Participant and Speaker, Natural Hazards Research and Applications Workshop, July 2005. Talk entitled: "Disaster Myths" in a session similarly titled, Hurricane Andrew 10 Years Later: Implications for Disaster Mitigation.

Organizer and Host, Hazards and Disaster Researcher's Annual Meeting, Boulder Colorado, July, 2005. Attended by over 60 researchers.

Steering Committee, 1st Americas Conference for Wind Engineering sponsored by the American Association for Wind Engineering and held at Clemson University, June 4-6, 2001.

Invited Participant and Speaker, Natural Hazards Research and Applications Workshop, July 2002. Talk entitled: "Demographic Changes Since Hurricane Andrew." Session entitled, Hurricane Andrew 10 Years Later: Implications for Disaster Mitigation

Invited Speaker, *Hurricane Andrew +10 Summit*, Miami, Florida, Thursday, May 30-31, 2002. I was invited to give two talks, the first was a Thematic Address entitled, "Hurricane

Andrew's Socio-Economic Impact." The second was entitled "The new Practice of Mitigation in Miami-Dade County.

Invited participant and Speaker, 25th Hazards Research and Applications Workshop, July 9-13, 2000. Talk entitled: "Enhancing Local Sustainability, Lessons for Hurricane Andrew." Session entitled, Using the Disaster Recovery Period and Process to Build Local Sustainability.

Discussant, Reaching Women and Children in Disasters Conference, session entitled, Regional Patterns and Action Issues. Miami Beach, Florida, June 4-6, 2000.

Invited Speaker, 14th Annual Governor's Hurricane Conference. Talk entitled, "Understanding and Undertaking Social Vulnerability Analysis," in session entitled, Vulnerability Assessment - A Foundation for Mitigation. May 22-26, 200, Tampa Convention Center, Tampa, Florida.

Invited Speaker with Hugh Gladwin, 14th Annual Governor's Hurricane Conference. Talk entitled, "Hurricane Evacuation, Preparation and More," in session entitled Behavioral Studies vs. Reality –What's Happening? May 22-26, 200, Tampa Convention Center, Tampa, Florida.

Invited Speaker, The International Emergency Management Society Annual Meeting. Talk entitled "Survey Research and Emergency Management." May 17, 2000, Orlando, Florida..

Invited Speaker with Hugh Gladwin, Roundtable on Rainfall Index for Hurricanes. Talk entitled, "South Florida Hurricane Irene Survey Results." May 10, 2000, Florida International University.

Invited Speaker, Caribbean Consensus Climate Outlook Forum. Talk entitled, "Potential Socio-Economic Value of Climate Information Forecasts." Santo Domingo, Dominican Republic, May 3, 2000.

Invited Speaker, 3rd Caribbean Hurricane Conference, Barbados, October 12-16, 1999. Talk entitled, "Climate Variations and Human Communities: Issues in Integrating Climate Information into Sustainable Community Development."

Invited Speaker, South Florida Local Emergency Management Network, W.t Palm Beach, August 13, 1999. Talk entitled, "Social Vulnerability."

Invited Speaker with Hugh Gladwin, South East Regional Planning Directors Institute Annual Meeting, Biloxi, Mississippi. Talk entitled, "Integrating Hurricane Mitigation into Development and Redeveloping Planning." May 17, 1999.

Invited Speaker, 1998, Southeast Hurricane Conference, Broward County Convention Center, May. Delivered a speech entitled, "Statewide Hurricane Vulnerability Mapping Project."

Invited Participant and Speaker, 23rd Annual Hazards Research and Applications Workshop, Boulder Colorado, July 12-15, 1998. Delivered a speech on the Central Florida Tornadoes, Session entitled, The Florida Tornadoes: Response and Mitigation Conundrum.

Invited Speaker, Governor's Hurricane Conference, Tampa Florida, June 1-5, 1998. Delivered a speech on the Florida High Resolution Hurricane Hazards Mapping Project.

Rapporteur, Climate Change and Extreme Events Workshop, Kovens Conference Center, Florida International University. Session entitled Climate Change and Socio-economic Impact. March, 1998.

Organizer, 1st Annual Researchers Add-on Meeting. Boulder Colorado, July, 1997. Attended by over 50 national and international researchers.

Organizer and Host, Pan-Caribbean Climate Applications and Research Consortium (CARICA) Planning Meeting. November 11-12, 1997, International Hurricane Center, Miami, Florida.

Guest Editor, *Hemisphere*, Volume 8, Number 1, Fall 1997.

Invited participant and presider, Hurricane Marilyn Economic Summit, Sponsored to University of the Virgin Islands, US-VI, November 10-12, 1996.

Organizer, Hemispheric Congress on Disasters and Sustainable Development, Miami Florida September 30 - October 2, 1996. Sponsored by the International Hurricane Center, Organization of American States, LA RED, and OFDA. Attended by over 200 researchers from throughout the world.

Session moderator, Caribbean Studies Association, San Juan, Puerto Rico, May 26-29, 1996.

Invited participant and session organizer, presider, and presenter, 1996, Hazards Research and Application Workshop, Denver Colorado, July 7-10.

Technical Advisor and FIU President Modesto A. Madique's representative, *Academic Task Force on Hurricane Catastrophe Insurance for the State of Florida*, June-Oct. 1995.

Invited participant and presenter, 9th Annual Governor's Hurricane Conference, Tampa Florida, June 6-9, 1995.

Invited participant and presenter 1995 Hazards Research and Applications Workshop, University of Colorado, Boulder Colorado.

Presenter along with Hugh Gladwin at a special mini-conference to South Florida County Emergency Managers and personnel on the topic of Evacuation and Preparation prior to Hurricane Andrew. April, 1995.

Professional Briefings been provided to various Federal, State, and Local officials regarding Hurricane Andrew recovery processes and Evacuation. Officials include: U.S. Representative Carrie Meek; Assistant Secretary of HUD Otis Pitts; State Senator Daryl Jones; State Senator Kendrick Meek; Governor's Coordinator Phyllis Bleiweis; Joe Gavin, U.S. Army Corp of Engineers; Mike McDonald, State of Florida Department of Emergency Management; Kate Hale, Dade County Emergency Management; Lisa Coats, Monroe County Emergency Management; Ricky Keck, Central Florida Regional Planning Council; Tim Murphy, South Florida Regional Planning Council; Metro-Dade Police; State Insurance Commissioners office.

Interviewed by and quoted in Washington Post; New York Times; Newsweek, TIME, and The Miami Herald.

Invited Participant, Dade County Evacuation Planning Task Force, 1996-1997.

Invited Participant, Florida Regional Evacuation Planning, 1997.

Invited Participant and moderator, 1996, Economic Summit, Hurricane Marilyn and the US Virgin Islands.

Invited Participant and Speaker, National Hurricane Conference, March, 1994, New Orleans, LA. Presentation title: Economic and Demographic Influences in Response to Hurricane Andrew in Dade County, Florida.

Organizer of a Special Session entitled, "Disaster and Social Change" at the 1993 Annual Meetings of the American Sociological Association, Miami Beach, Florida.

Co-organizer with Betty Hearn Morrow of a Tour entitled, "Hurricane Andrew Recovery Process," at the 1993 Annual Meetings of the American Sociological Association, Miami Beach, Florida.

Invited Participant and Speaker, 1993. Hazards Research and Application Workshop, Natural Hazards Center, University of Colorado, Boulder, Colorado. Topic: Neglected Topics of Social Research: The Case of Hurricane Andrew in Dade County.

Invited Participant and Speaker, University of Miami's, National Research conference on Hurricane Hazard Mitigation, March 19-21, 1993.

Invited Participant and presenter, Post-Disaster Recovery and Redevelopment: International Lessons for U.S. Housing and Urban Policy Symposium. Sponsored by the Latin American and Caribbean Center and Fannie Mae. February 26, 1993.

Discussant for a session entitled, Torn Asunder: Social and Cultural Responses to Hurricane Andrew, 1993 Society for Applied Anthropology Annual Meetings, March 10-14, 1993, San Antonio, Texas

Presider for a session entitled "Quality of Life and the Rural-Urban Continuum." at the Rural Sociological Society's annual meetings, August 1990, Norfolk, Virginia.

Co-presider and presenter on a round table entitled "Issues in the Quantitative Study of Inequality in the World System," sponsored by the Political Economy of the World System Section of the American Sociological Association at the American Sociological Association's 1988 annual meetings, Atlanta, Georgia.

Presider and discussant for a session entitled "Agriculture, Agribusiness and Localities," at the Rural Sociological Society's annual meetings, August 1987, Madison, Wisconsin.

TEACHING AREAS:

Planning Methods and Analysis, Planning Research Methods, Hazard mitigation and long-term recovery, Graduate and Undergraduate Quantitative Methods and Statistics, Social Organization and Structure, Theory Construction, Race and Ethnicity, Research Methods, Comparative Social Stratification, Sociology of Hazards and Disasters, Sociology of Development and Underdevelopment, Urban Sociology, and Environmental Sociology.

GRADUATE STUDENT COMMITTEES CHAIRED OR CO-CHAIRLED:

1. Fayola Jacobs (2018) Ph.D. Dissertation title: Insuring Inequality: An Intersectional Analysis of the Community Rating System. Co-Chaired with Phil Berke. Currently: Assistant Professor, University of Minnesota.
2. Emily Sullivan (2018) MUP. Professional Paper: Do hazard mitigation plans represent the resilience priorities and exposure of residents in vulnerable Texas coastal counties? A case study of Brazoria, Cameron, Galveston, and Nueces Counties, TX. Co-Chaired with Jennifer Horney.
3. Kate de Gennaro (2017) MUP. Professional Paper: An Assessment of a Coastal Community's Floodplain Management Plan, Its Strengths and Opportunities for Improvement. Texas Sea Grant, Extension Agent, Brownsville, Texas.
4. Gargi Singh (2017) MUP. Professional Paper: Getting More out of the TxDOT Travel Survey Data. Co-Chaired with David Bierling. Texas A&M Transportation Institute.
5. Tiffany Cousins (2016) MUP. Professional Paper: *Participatory GIS: Assessing Potential Neighborhood Flooding*. Doctorate prog., urban and regional Planning, Virginia Tech Univ.
6. Hung-Lung Wei, (2016) Ph.D. Dissertation title: *Washington Households' expected responses to the volcanic threat of Mt. Rainier*. Committee co-chaired with Michael Lindell. Assistant Professor, John Jay School for Criminal Justice.
7. Nathanael Proctor Rosenheim (2016), Ph.D. Dissertation title: *Consequences of Commuting Patterns and the Structure of Food Retail Markets for SNAP redemption: Implications for Food Access*. Associate Research Scientist, Texas A&M University.

8. Hye Kyung Lee. (2015) Ph.D. *A Spatial Assessment of Green Infrastructure and Its Potential Effectiveness on Streamflow*. Committee co-chaired with Samuel Brody. c, Urban and Regional Planning. Assistant Professor, School of Urban Planning and Real Estate Studies, College of Social Science, Dankook University
9. S. Hamideh (2015) Ph.D. Dissertation title: *Planning for Disaster Recovery: Lessons from Hurricane Ike for Theory and Practice*. Committee co-chaired with S. Van Zandt. Assistant Professor, SUNY-Stoneybrook.
10. Andrew Wallick (2015) MUP. Professional Paper title: *Developing the Teas Planning Atlas*. Committee co-chaired with Douglas Wunneburger.
11. Kai Wu (2014) MUP. Professional Paper title: *Investigation Comprehensive Plan Adoption by Jurisdictions along Gulf and Atlantic Coasts*. PhD candidate, Texas A&M University.
12. Pat Morrison Kultgen (2014) MUP. Thesis title: *Perceived Risk and the Siting of a Controversial Wastewater Treatment Plant in Central Texas*. Committee co-chaired with C. Prater.
13. Rahmawati (Ama) Husein (2012) Ph.D. Dissertation title: *Examining Local Jurisdictions' Capacity and commitment for Hazard Mitigation Policies and Strategies along the Texas Coast*. Committee co-chaired with Michael Lindell. Social and Political Sciences, University of Muhammadiyah, Yogyakarta and Vice Chair, Muhammadiyah Disaster Management Center.
14. Yue (Gurt) Ge. (2012) Ph.D. Dissertation title: *Planners' Perceptions of Land Use Planning Tools in the U.S. Pacific States*. Committee co-chaired with Michael Lindell. Assistant Professor, Public Administration, University of Central Florida.
15. Travis Young (2011) MUP. Professional Paper title: *Disaster Planning and Informal Settlements: Policies Impacting the Colonias of Cameron County, Texas*. PhD Student, Cornell.
16. Uttara Nilawar (2011) MUP. Committee co-chaired with Yu Xiao.
17. Yi-Sz Lin (2009) Ph.D. Dissertation title: *Development of Algorithms to Estimate Post-Disaster Population Dislocation – A Research Based Approach*. Committee co-chaired with Michael Lindell.
18. J.E. Kang (2009) Ph.D. Dissertation title: *Mitigation Flood Loss Through Local Comprehensive Planning In Florida*. Committee co-chaired with S.D. Brody. Associate Professor, Pusan National University.
19. J. Stephen Mayunga (2009) Ph.D. Dissertation title: *Using a Multi-dimensional scale model to measure community disaster resilience in the U.S. gulf Coast Region*. Head, Computer Systems Development, Ardhi University, Tanzania.
20. Pratik Chandrashekar Mhatre (2009) Ph.D. Dissertation title: *Examination of Housing Price Impacts on Residential Properties before and after Superfund Remediation Using Spatial Hedonic Modeling*. Committee co-chaired with S. Van Zandt. Scientific Director, Texas Behavioral Science & Policy Institute, University of Texas at Austin.
21. Meghan Wieters (2009) Ph.D. Dissertation title: *Integrating Walking for Transportation and Physical Activity for Sedentary Office workers in Texas*. Committee co-chaired with Chanam Lee. Assistant Professor, Regional and City Planning, University of Oklahoma.
22. Jing-Chein Lu (2007) Ph.D. Dissertation title: *A comparative Study of Single Family and Multifamily Housing Recovery Following the 1992 Hurricane Andrew in Miami-Dade County, Florida*. Assistant Professor, Graduate School of Disaster Management, Central Police University.

23. Kimberly Galindo. (2007) Ph.D. *Dissertation title: Variations in Disaster Aid Acquisition Among Ethnic Groups in a Rural Community*. Committee co-chaired with Dennis Wenger.
24. Y. Zhang. (2006) Ph.D. Modeling single family housing recovery after Hurricane Andrew in Miami-Dade County, Florida. Associate Professor, Virginia Tech University.
25. Jason Schubert (2005) MUP. Professional paper title: *An Analysis of the National Flood Insurance Program and Related Floodplain Ordinances: A Case Study of Asheville, North Carolina*. Transportation Planning Coordinator, College Station Texas.
26. Ruchi Mulninder (2005) MUP.
27. Jitender S. Ramchandani (2005) MUP. Professional paper title: *Determinants of Household Hazard Adjustment: A Study of Single Family Homeowners in Florida*. Office of Intermodal Planning and Investment, Virginia.
28. Anthony Simmons (2005) MUP.
29. Anthony A. Peguero. (2001) MS Thesis title: *The Dissemination of Hurricane Mitigation Information Among Florida's Ethnically Diverse Homeowners*. Professor, School of Criminology & Criminal Justice, Arizona State University.
30. Nicole Dash (2002) Ph.D., Dissertation Title: *Dissertation: Understanding Decision-Making in Risky Settings: Re-thinking Hazard-Related Perceptions and Action*. MS, Thesis title: *Inequality in Disaster: The case of Hurricane Andrew and Florida City*. Academic Associate Dean, College of Health and Public Service and Associate Professor, Dept. Emergency Management and Disaster Science, University of North Texas.

SELECTED UNIVERSITY SERVICE ACTIVITIES:

Administrative Service:

Director, Hazard Reduction and Recovery Center, Texas A&M University, 2004-2019
 Interim Executive Associate Dean, College of Architecture, Texas A&M University, August 2008 to August 2009.
 Interim Department Head, Dept. of Landscape Architecture and Urban Planning, TAMU, 2003-2004.
 Department Chair, Department of Sociology and Anthropology, Florida International University, 2000-2002.
 Director for Research, International Hurricane Center, Center for Engineering and Applied Sciences, Florida International University, Miami, Florida. 1996-1999.
 Director, Comparative Sociology Graduate Program (MA and PhD), Department of Sociology and Anthropology, Florida International University, 1994 – 1996.

Other Selective Service Activities:

Elected Member, Texas A&M Council of Principal Investigators, 2013-2014.
 Member, College Research and Interdisciplinary Council, College of Architecture, Texas A&M University (TAMU), 2004-August, 2019.
 Member, College of Architecture Promotion and Tenure Committee, Texas A&M University, 2004-2007 and 2009-August, 2019.
 Member, Urban and Regional Science (PhD) Program Committee, Dept. of Landscape Architecture and Urban Planning (LAUP), TAMU, 2004-2007 and 2009-August 2019.

Member, Urban and Regional Science (BS) Committee, Dept. of Landscape Architecture and Urban Planning, TAMU, 2006-2008 and 2009-2017.

Member, Council of Principal Investigators, Texas A&M University, 2011-2014.

Chair, College of Architecture Promotion and Tenure Committee, 2008 to 2009.

Chair, College of Architecture IT committee. August 2008 to August 2009.

Chair, Department Promotion and Tenure Committee, Landscape Architecture and Urban Planning Texas A&M University, 2003-2004 and 2008

Member, Masters of Urban Planning Committee, Dept. of Landscape Architecture and Urban Planning, spring 2006.

Vice President, FIU Chapter, United Faculty of Florida, Florida International University (FIU), 1999-2000.

Chair, Academic Steering Committee, International Hurricane Center, FIU, 1996-8

Member, Graduate Program Committee, Dept. of Sociology and Anthropology, FIU, 1992-2000

Member, Personnel Committee, Dept. of Sociology and Anthropology, FIU, 1997-8, 2000.

Chair, Graduate Program Committee, Dept. of Sociology/Anthropology, FIU, 1993-96.

Member, Executive Committee, United Faculty of Florida, FIU, 1993-6, 1999-2001.

Co-chair Membership, United Faculty of Florida, FIU, 1993-94 and 1995-96

Senator, United Faculty of Florida State Senate, FIU, 1993-6, 1999-2001.

Vice President, Faculty Senate, University of Alabama in Huntsville (UAH), 1991-92.

Member, Faculty Senate Executive Committee, UAH, 1989-92.

Chair, Faculty Senate Finance Committee, UAH, 1991-92.

Chair, Faculty Senate Admissions and Scholastic Affairs Committee, UAH. 1990-91.

Member, Faculty Handbook Rewrite Committee, UAH, 1990-92.

Member, Faculty Senate Personnel Committee, UAH, 1989-90.

Member Faculty Senate, Joint Committee on Sexual Harassment Policy, UAH, 1990-91.