

RESEARCH INTERESTS

Natural Hazards • Disaster Vulnerability • Aging and Older Adults • Mixed-methods Research

EDUCATION

Ph.D., Geography, Pennsylvania State University, University Park, PA. 2011 – 2016.

- Dissertation Title: *Hurricane Risk Perception, Preparedness and Evacuation Intention among Older Adults* (Advisor: Brent Yarnal)

Master of Science, Geography, Pennsylvania State University, University Park, PA. 2009 – 2011.

- Thesis Title: *Trapped in Place: The Vulnerability of the Elderly to Hurricane Hazards in Sarasota, Florida* (Advisor: Brent Yarnal)

Bachelor of Science, Geography with emphasis in Geographical Information System (GIS), East China Normal University, Shanghai, China. 2003 – 2007.

PUBLICATIONS

Hung, L.-S., **Wang, C.**, & Yarnal, B. (2016). Vulnerability of families and households to natural hazards: a case study of storm surge flooding in Sarasota County, Florida. *Applied Geography*, 76, 184-197.

Retchless, D., Frey, N., **Wang, C.**, Hung, L.-S., & Yarnal, B. (2014). Climate extremes in the United States: recent research by physical geographers. *Physical Geography*, 35(1), 3-21.

Wang, C., & Yarnal, B. (2012). The vulnerability of the elderly to hurricane hazards in Sarasota, Florida. *Natural Hazards*, 63(2), 349-373.

Knight, C. G., **Wang, C.**, May, M., Broucek, A., Paskewicz, E. M., Sagoe, R., Sayre, R., Hillkirk, R.S., Norris, A., & Nelson, K.K. (2009). Water governance and sustainable development, pp. 349-354. In Huseyin Padem et al. [eds.], *International Symposium on Sustainable Development, Volume 1, Economy and Management*. Sarajevo, Bosnia and Herzegovina: International Burch University (ISBN 978-9958-9965-0-2).

PRESENTATIONS

Wang, C. *Hurricane risk perception, preparedness and evacuation intention among senior residents of Sarasota County, Florida*. Presentation at the Association of American Geographer's Annual Meeting, San Francisco, CA, March 31, 2016.

Wang, C. *The facilitators and impediments of hurricane preparedness and evacuation among the elderly populations*. Presentation at the Association of American Geographer's Annual Meeting, Tampa, FL, April 23, 2014.

Wang, C. *Trapped in place: the vulnerability of the elderly to hurricane hazards in Sarasota, Florida*. Presentation at the Association of American Geographer's Annual Meeting, Seattle, WA, April 13, 2011.

RESEARCH EXPERIENCE

Visiting Postdoctoral Scholar, Department of Human Development and Family Studies, Pennsylvania State University, University Park, PA. Fall 2016 – present.

- Supervised by Lesley Ross. Conducting analyses of GPS and accelerometer data to understand the temporal and spatial driving habits and patterns of older adults.

Research Assistant, Department of Geography, Pennsylvania State University, University Park, PA. Summer 2012.

- Supervised by Brent Yarnal. Assisted with the research on the vulnerability of mobile home residents to natural hazards supported by funding from the NOAA Sectoral Applications Research Program-Coasts.

Research Assistant, Department of Geography, Pennsylvania State University, University Park, PA. Spring 2010.

- Supervised by Brent Yarnal. Assisted with the preliminary studies on the vulnerability of the older populations to natural hazards in preparation for an NSF grant proposal.

Research Assistant, Key Lab of GIScience, Ministry of Education, East China Normal University, Shanghai, China. 2007 – 2008.

- Supervised by Minghe Ji. Built geodatabase and performed georeferencing for the pilot study of Shanghai Street Vender Management Information System; conducted a literature review on household travel survey method for the project funded by the Natural Science Foundation of China (NSFC).

Research Assistant, Key Lab of GIScience, Ministry of Education, East China Normal University, Shanghai, China. 2006 – 2007.

- Supervised by Zhongyang Guo. Assisted with compiling and digitizing the Vegetation Map for the project funded by Shanghai Municipal Agricultural and Forestry Bureau (MAFB).

TEACHING EXPERIENCE

Instructor, Geography 430 (Web): *Human Use of Environment*. Pennsylvania State University, University Park, PA. Fall 2015.

Instructor and Instructional Materials Developer, Geography 030 (Web), *Geographic Perspectives on Sustainability and Human-Environment Systems*. Pennsylvania State University, University Park, PA. Fall 2014 & Spring 2012.

Instructor, Geography 364: *Spatial Analysis*. Pennsylvania State University, University Park, PA. Fall 2013.

Instructor, Geography 333: *Human Dimensions of Natural Hazards*. Pennsylvania State University, University Park, PA. Spring 2013.

GRANTS AND AWARDS

Graduate Academic Enrichment Support, Group B – Climate and Nature/Society. Department of Geography. Pennsylvania State University, University Park, PA. 2014.

Thesis Award Winner, **Gilbert F. White Thesis Award**, Hazards Specialty Group of the Association of American Geographers. 2012.

Ruby S. Miller Endowment for Geographic Excellence, Department of Geography. Pennsylvania State University, University Park, PA. Fall 2014 & 2010.