

Maria Katherine Watson

Ph.D. Candidate, Department of Landscape Architecture and Urban Planning

Assistant Researcher, Hazard Reduction and Recovery Center (HRRC)

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Education

Ph.D., Urban and Regional Science. Expected 2018.

Texas A&M University, College Station, TX.

Dissertation: "Business Recovery and the Value of Time: financing recovery after Hurricane Ike"

Committee: Yu Xiao (chair), Shannon Van Zandt, Walter Peacock, Patricia Thornton

Master of Urban Planning, 2014.

Texas A&M University, College Station, TX.

Environmental Hazards Management Certificate, Texas A&M University. 2014.

Bachelor of Science, City and Regional Planning, Magna Cum Laude, 2012.

The Ohio State University, Columbus, OH.

Research Experience

Research Assistant, 2015-present, "NIST Center of Excellence for Risk-Based Community Resilience Planning" funded to Colorado State University, by the National Institute of Standards and Technology (NIST). 2015-2020. Project Total: \$20 million; TAMU: \$1.3 million. Walter Peacock (TAMU) Social Science Team Leader, John van de Lindt (CSU) and Bruce Ellingwood (CSU) directors.

Research Assistant, May 2016, "Interdependency in Decision Making, a Holistic Approach to Understanding Community Recovery from Catastrophes", National Science Foundation (CMMI-1333132), 2013-2016, Project Total: \$390,094; TAMU (Lead Institution): \$177,603. Yu Xiao Principal Investigator.

Co-Principal Investigator, 2013-2014, "Business Recovery Financing: A Case Study of Galveston, TX Five Years after Hurricane Ike," unfunded. Yu Xiao Principal Investigator.

Publications

Peer-reviewed Publications:

Xiao, Yu and **Maria Watson**. Guidance on Conducting a Systematic Literature Review.

Journal of Planning Education and Research. Accepted (18-Jun-2017).

Watson, Maria, Patricia Thornton and Yu Xiao. Institutional Logics and the Value of Time: the paradox of aid in business recovery after natural disasters. For submission to *The Academy of Management Journal*. In preparation.

Non-peer-reviewed Publications:

International Economic Development Council. (2015). Leadership in Times of Crisis. Retrieved from:
<http://restoreyoureconomy.org/toolkit/>

Articles Featuring my Work

Simon, Ruth. (2016, September 16). "After Disaster, Speed Matters for Small Business." *The Wall Street Journal*. Retrieved from: <https://www.wsj.com/articles/after-disaster-speed-matters-for-small-business-1474054297>

Presentations

Conferences

Watson, Maria. "Big Data and Resilience". Presented at Resilience: Policy and Practice, held by the U.S. Agency for International Development (USAID), Bangkok, Thailand, October 16-17, 2014.

Xiao, Yu (presenter) and **Maria Watson**. Guidance on Conducting a Systematic Literature Review. To be presented at the Association of Collegiate Schools of Planning Annual Conference, Denver, Colorado, October 12-15, 2017.

Xiao, Yu (presenter) and **Maria Watson**. Firm-Level Models for NIST IN-CORE. Presented at the Nation Institute of Standards and Technology Center of Excellence Semi-Annual Meeting, Fort Collins, Colorado, April 27-28, 2017.

Conference Posters

Watson, Maria and Yu Xiao. "Systematic Review Results: Individual Business Impacts and Recovery." Presented at the Nation Institute of Standards and Technology Center of Excellence Semi-Annual Meeting, Fort Collins, Colorado, April 27-28, 2017.

Watson, Maria and Yu Xiao. "A Review of Individual Business Outcomes and their Predictors Post-

Disaster.” Presented at the Nation Institute of Standards and Technology Center of Excellence Semi-Annual Meeting, Fort Collins, Colorado, April 28-29, 2016.

Watson, Maria and Yu Xiao. “Business Recovery Financing: A Case Study of Galveston, TX after Hurricane Ike.” Presented at the American Planning Association 2014 National Planning Conference, Atlanta, Georgia, April 26-30, 2014.

Professional Experience

Intern, City of Bryan Planning and Development Services. Bryan, Texas. 2015-2016.

Description: Assisted with general land use planning duties, Planning and Zoning meetings, Historic Landmark Commission meetings, and Zoning Board of Adjustment meetings.

Intern, United States Agency for International Development Regional Development Mission for Asia (USAID RDMA). Bangkok, Thailand and College Station, Texas. 2014.

Description: Assist in integrating disaster risk management measures into USAID's development planning and project investments for the Regional Development Mission for Asia. Duties included assisting in the running of the Urban Futures Workshop in (October 14 - 15, 2014, Bangkok, Thailand) and assisting in preparing a resilience training for USAID employees in missions across Asia (October 16 - 17, 2014, Bangkok, Thailand).

Intern, International Economic Development Council (IEDC). Washington, DC. 2013-2014.

Description: Assisted with IEDC's disaster recovery grants from the U.S. Economic Development Administration for fiscal years 2010 and 2011. Created an access to capital workshop curriculum for small businesses and entrepreneurs in Lake Charles, LA. Developed case studies, documented best practices, and wrote a chapter on economic diversification strategies for inclusion in IEDC's Disaster Recovery Toolkit.

Intern, Coalition on Homelessness and Housing in Ohio. Columbus, Ohio. 2010-2011.

Description: Monitored the effectiveness of permanent supportive housing, transitional housing and other affordable housing programs, assisted rural homeless agencies compete against larger urban entities for federal funding, helped run training programs for agencies across the state, and discussed the benefits of the Ohio Housing Trust Fund with Ohio State Representatives.

Teaching and Related Experience

Courses I Have Taught

URPN 201: The Evolving City (co-instructor), Spring 2017

Courses I Have Assisted With

Graduate:

URSC 632: Structure and Function of Cities, TA, Fall 2016

PLAN 647 Disaster Recovery and Hazard Mitigation, Guest Lecturer, Fall 2014

Undergraduate:

URPN 201: The Evolving City, TA, Spring 2015

URPN 201: The Evolving City, TA, Spring 2016

URPN 340: Housing and Community, grader, Spring 2013

URPN 301: Urban and Regional Planning, grader, Fall 2013

URPN 301: Urban and Regional Planning, grader, Fall 2012

Administrative Experience

2012-2013, Texas A&M University, Graduate Assistant under June Martin

Assisted in the APA accreditation of the Bachelor of Science in Urban Planning (BS-URPN) program, developed strategies for program marketing and recruitment for the BS-URPN program, collected and synthesized materials needed for program curriculum review, created and distributed a former student survey and organized data on the success of the BS-URPN program.

2011-2012, The Ohio State University, Undergraduate Advising Assistant under Angela Vorwerk Beer

Assisted in advising for city and regional planning undergraduate students by scheduling classes and providing general academic counseling, led the freshman orientation program for incoming students to Ohio State, directed and led tours of the School of Architecture to future students, designed documents and advised students for the University's transition from quarters to semesters

Awards

AICP Outstanding Student Award, Texas A&M University, April 2014

Jesus "Chuy" Hinojosa Academic Excellence Award, Texas A&M University, April 2014

Lechner Fellowship, Texas A&M University, 2013

Provost Scholarship, The Ohio State University, 2008-2012

Leadership and service

President: Association of Student Planners, Texas A&M University, 2013-2014

President: Folclor Hispano, The Ohio State University, 2009-2010

Committee Member: University-wide Council of Hispanic Organizations, 2009-2010