

Dr. Hao-Che (Tristan) Wu
University of North Texas
Emergency Management and Disaster Science
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Education

PhD, Texas A&M University, 2013.
Major: Urban and Regional Science Program
Dissertation Title: Perceptions on Hurricanes Information and Tracking Maps

MA, Ming-Chung University, 2004.
Major: Dept. of Economics
Dissertation Title: Financial Depth and Economic Growth in China

BS, Chinese Culture University, 2001.
Major: Dept. of Economics

Professional Positions

Academic - Post-Secondary

Associate Professor, University of North Texas, Dept. of Emergency Management and Disaster Science. (September 1, 2019 - Present).

Assistant Professor, Oklahoma State University, Division of Engineering Technology. (September 1, 2018 - May 15, 2019).

Assistant Professor, Oklahoma State University, Dept. of Political Science. (September 1, 2014 - May 15, 2018).

Post-Doctoral Research Fellow, Sam Houston State University, Dept. of Political Science. (September 1, 2013 - May 15, 2014).

Research Associate, Hazard Reduction and Recovery Center. (2009 - 2013).

Instructor, Ming-Chung University, Urban Planning and Disaster Management. (2005 - 2006).

Military

Private, Taiwan Coast Guard Administration. (2004 - 2005).

Professional

Co-Editor, International Journal of Mass Emergencies and Disasters, International Sociological Association. (September 1, 2017 - Present).

Editorial Assistant, International Journal of Mass Emergencies and Disasters, International Sociological Association. (2013 - 2014).

RESEARCH

Funded Contracts, Grants and Sponsored Research

Grant - Research

- Wu, H.-C. (Principal), "RAPID/Collaborative Research: Households Immediate Response During a Nighttime Earthquake," Sponsored by National Science Foundation, Federal, \$40,000.00. (June 15, 2018 - June 14, 2021).
- Wu, H.-C. (Principal), Murphy, H. (Co-Principal), "Collaborative Research: An Examination of Household Risk Assessment Judgments and Protective Action Decision during Tornado Threats," Sponsored by National Science Foundation, Federal, \$340,479.00. (September 1, 2017 - August 31, 2021).
- Wu, H.-C. (Co-Principal), Greer, A. (Principal), "Household Risk Perceptions and Hazard Adjustments to Earthquakes in Oklahoma," Sponsored by National Science Foundation, Federal, \$340,570.00. (August 9, 2018 - August 8, 2020).
- Wu, H.-C. (Principal), "Local Communities' Seismic Risk Perceptions and Hazard Adjustment Adoption in Oklahoma," Sponsored by Oklahoma State University, Other, \$3,000.00. (July 1, 2016 - June 30, 2017).
- Wu, H.-C. (Principal), "Flood Emergency Risk Communication and It Missing Link during 2013 September Colorado Flood," Sponsored by Oklahoma State University, Other, \$3,000.00. (July 1, 2015 - June 30, 2016).
- Wu, H.-C. (Principal), "RAPID: Emergency Evacuations and Risk Communication during the 2013 Colorado Flood," Sponsored by National Science Foundation, Federal, \$39,162.00. (March 1, 2014 - February 28, 2016).

Published Intellectual Contributions

Refereed Journal Articles

- Wu, H.-C. (2020). Households disaster memory recollection after the 2013 Colorado Flood. *Natural Hazards*(102), 1175–1185.
- Wu, H.-C., Greer, A., Murphy, H. (2020). Perceived stakeholder information credibility and hazard adjustments: a case of induced seismic activities in Oklahoma. *Natural Hazards Review*, 20(3), 04020017.
- Greer, A., Wu, H.-C., Murphy, H. (2020). Household adjustment to seismicity in Oklahoma. *Earthquake Spectra*.
- Lindell, M., House, D., Gestring, J., Wu, H.-C. (2019). DynaSearch: A web-based system for collecting process tracing data in dynamic decision tasks. *Behavioral Processes*, 51(6), 2646-2660.
- Chang, R., Greer, A., Murphy, H., Wu, H.-C., Melton, S. (2019). Maintaining the status quo: understanding local use of resilience strategies to address earthquake risk in Oklahoma. *Local Government Studies Journal*, 45(3), 433-452.
- Greer, A., Wu, H.-C., Haley, M. (2018). A serendipitous, quasi-natural experiment: Earthquake risk perceptions and hazard adjustments among college students. *Natural Hazards*, 93(2), 987-1011.
- Murphy, H., Greer, A., Wu, H.-C. (2018). Trusting government to mitigate a new hazard: the case of Oklahoma earthquakes. *Risk, Hazards and Crisis in Public Policy*, 9(3), 357-380.
- Wei, H.-L., Wu, H.-C., Lindell, M., Prater, C., Shiroshita, H., Johnston, D., Becker, J. (2017). Assessment of households' responses to the tsunami threat: A comparative study of Japan and New Zealand. *International Journal of Disaster Risk Reduction*(25), 274-282.
- Aleski, J., Wu, H.-C. (2017). Getting engaged: Facebook and the fire service. (11), 69-79.
- Lindell, M., Mumpower, J., Huang, S.-K., Wu, H.-C., Samuelson, C., Wei, H.-L. (2017). Perceptions of protective actions for a water contamination emergency. *Journal of Risk Research*, 20(7), 887-908.

- Huang, S.-K., Wu, H.-C., Lindell, M., Wei, H.-L., Samuelson, C. (2017). Perceptions, behavioral expectations, and implementation timing for response actions in a hurricane emergency. *Natural Hazards*, 88(1), 533-558.
- Wu, H.-C., Greer, A., Murphy, H., Chang, R. (2017). Preparing for the new normal: Students and earthquake hazard adjustments in Oklahoma. *International Journal of Disaster Risk Reduction*(25), 312-323.
- Steinberg, A., Wukich, C., Wu, H.-C. (2016). Central social media actors in disaster information networks. *International Journal of Mass Emergencies and Disasters*, 34(1), 47-74.
- Lindell, M. K., Prater, C., Wu, H.-C., Huang, S., Johnston, D. M., Becker, J. S., Shiroshita, H. (2016). Immediate Behavioral Responses to Earthquakes in Christchurch New Zealand and Hitachi Japan,. 40(1), 85-111.
- Wu, H.-C., Lin, C.-C. (2016). The Ridership of Airport Rail Transit and Taoyuan. *Journal of Rail Transportation and Urban Development*, 1(1), 7-20.
- Jon, I., Lindell, M. K., Prater, C. S., Huang, S.-K., Wu, H.-C., Johnston, D. M., Becker, J. S., Shiroshita, H., Doyle, E. E.H., Potter, S. H., McClure, J., Lambie, E. (2016). Behavioral Response in the Immediate Aftermath of Shaking: Earthquakes in Christchurch and Wellington, New Zealand, and Hitachi, Japan. 13(11), 1137.
- Lindell, M. K., Mumpower, J. L., Huang, S., Wu, H.-C., Samuelson, C. D. (2015). Exposure path perceptions and protective actions in biological water contamination emergencies. (13-21).
- Lindell, M., Prater, C., Gregg, C. E., Apatu, E. J.I., Huang, S.-K., Wu, H.-C. (2015). Households' Immediate Responses to the 2009 Samoa Earthquake and Tsunami. *International Journal of Disaster Risk Reduction*, 12, 328-340.
- Wu, H.-C., Lindell, M., Prater, C. (2015). Process Tracing Analysis of Hurricane Information Display. *Risk Analysis*, 35(12), 2202-2220.
- Wu, H.-C., Lindell, M., Prater, C. (2015). Strike Probability Judgments and Protective Action Recommendations in a Dynamic Hurricane Tracking Task. *Natural Hazards*, 79(1), 355-380.
- Wu, H.-C., Lindell, M., Prater, C. (2014). Effects of Track and Threat Information on Judgments of Hurricane Strike Probability. *Risk Analysis*, 34(6), 1025-1039.
- Lin, C.-C., Siebeneck, L. K., Lindell, M., Prater, C., Huang, S.-K., Wu, H.-C. (2014). Evacuees' information sources and reentry decision making in the aftermath of Hurricane Ike. *Natural Hazards*, 70, 86882.
- Siebeneck, L., Lindell, M. K., Prater, C., Wu, H.-C., Huang, S.-K. (2013). Evacuees' reentry concerns and Experiences in the Aftermath of Hurricane Ike. *Natural Product Communications*, 65, 2267-2286.
- Huang, S.-K., Lindell, M. K., Prater, C., Wu, H.-C., Siebeneck, L. (2012). Household Evacuation Decision Making in Response to Hurricane Ike. *Natural Hazards Review*, 13(4), 283-296.
- Wu, H.-C., Lindell, M. K., Prater, C. (2012). Logistics of Hurricane Evacuation in Hurricanes Katrina and Rita. *Transportation Research*, 15(4), 445-461.
- Hung, C., Wu, H.-C. (2005). Local State Governance and its Own Basic Industry: Case Study in Quemoy Kaoliang Liquor Inc. *City Planning Review*, 3(1), 26-31.

Book Chapters

- Wu, H.-C., Huang, S.-K., Lindell, M. (2020). Evacuation Planning. *The Handbook of Urban Disaster Resilience: Integrating Mitigation, Preparedness and Recovery Planning* (1st ed., pp. 206-222). New York, NY: Taylor & Francis Group.
- Wu, H.-C., Arlikatti, S., Prelog, A., Wukich, C. (2017). Household response to flash flooding in the United States and India: A comparative study of the 2013 Colorado and Uttarakhand disasters. In M. Companion & M. Chaiken (Eds.), *Understanding Vulnerability, Building Resilience: Responses to Disasters and Climate Change* (1ed ed., pp. 37-48). New York, NY: CRC Press.
- Wu, H.-C., Lindell, M., Prater, C. (2014). The Logistics of Household Hurricane Evacuation during Hurricane Ike. *Logistics: Perspectives, Approaches and Challenges* (pp. 127-140). Hauppauge, NY: NOVA Science Publishers.

Hung, C., Wu, H.-C., Cao, M. J. (2014). The post-Olympic Games' spatial socio-economic vulnerability and its restructure process: case study at a central area of the Olympic games in Beijing, China. *Urban Planning: Practices, Challenges and Benefits* (pp. 73-88). Hauppauge, NY: NOVA Science Publishers.

Presentations Given

Demonstration

Wu, H.-C. (Author & Presenter), Provencio, A. (Author), Prelog, A. (Author & Presenter), Weld County Commissioner Meeting, "Emergency Evacuation Information Source during the 2013 Colorado Floods.," Greeley, CO, United States of America. (July 2015).

Oral Presentation

Greer, A. (Author & Presenter), Wu, H.-C. (Author & Presenter), Murphy, H. (Author & Presenter), 91st Annual Southern Political Science Association Conference, "Hazards in Oklahoma: Exploring the Relationship between Political Attitudes and Hazard Information Sources," Southern Political Science Association, San Juan, PR, United States of America. (January 9, 2020 - January 11, 2020).

Website Address: <https://spsa.net/annual-meeting/2020-91st-annual-spsa-conference/>

Alex, G. (Author & Presenter), Wu, H.-C. (Author), Murphy, H. (Author), The Fourth Northern European Conference on Emergency and Disaster Studies, "A Tale of Two Cities: Household Adjustment to Seismicity in Oklahoma," Uppsala, Sweden, Sweden. (June 10, 2019 - June 12, 2019).

Website Address: <https://needs2019.com/>

Murphy, H. (Author & Presenter), Wu, H.-C. (Author & Presenter), Huang, S.-K. (Author), Lin, C.-C. (Author), 90th Annual Southern Political Science Association Conference, "The Effect of Risk Communication in Tornado Scenarios on Individual Preparedness and Resilience," Austin, TX, United States of America. (January 17, 2019 - January 19, 2019).

Website Address: https://spsa.net/wp-content/uploads/2019/02/01.03.18.SPSA_2018.Program.8.5X10.875.2.HR_.pdf

Wu, H.-C. (Author & Presenter), Caffee, B. (Author), Fire-Rescue International Conference & Expo, "Firefighter occupational Cancer Risk Adjustment," Dallas, TX, United States of America. (August 9, 2018 - August 11, 2018).

Jon, I. (Author), Huang, S.-K. (Author), Lindell, M. (Author), Wu, H.-C. (Author & Presenter), XIX International Sociological Association World Congress of Sociology, "Perceptions and Reactions to Tornado Warning Polygons: Would a Gradient Polygon be Useful?," Toronto, Canada, Canada. (July 15, 2018 - July 21, 2018).

Website Address: <https://www.isa-sociology.org/en/conferences/world-congress/toronto-2018/>

Wu, H.-C. (Author & Presenter), Murphy, H. (Author), Greer, A. (Author), Western Social Science Association Conference, "Oklahomans' Perceived Stakeholder Role Relationships: A Case of Induced Earthquake," San Antonio, TX, United States of America. (April 4, 2018 - April 7, 2018).

Website Address:

https://www.wssaweb.com/documents/archive/66890_WSSA_2018_Program_proof_2.pdf

Wu, H.-C. (Author & Presenter), The Third Northern European Conference on Emergency and Disaster Studies, "Households' Disaster Memory Recollection after the 2013 Colorado Flood," Amsterdam, Netherlands, Netherlands. (March 21, 2018 - March 23, 2018).

Wu, H.-C. (Author & Presenter), Greer, A. (Author), Murphy, H. (Author), 2017 Taiwan Urban and Regional Planning Conference, "Perceived Stakeholders' Trustworthiness of Earthquake Information: A Case of Induced Seismic Activities in Oklahoma," Taipei, Taiwan, Taiwan. (December 16, 2017).

- Murphy, H. (Author & Presenter), Wu, H.-C. (Author & Presenter), Greer, A. (Author), Chang, R. (Author), 75th Annual Midwest Political Science Association Conference, "The role of Individual Belief in Government's Ability to Prevent Disasters on Household Preparedness," Chicago, IL, United States of America. (April 6, 2017 - April 9, 2017).
Website Address: <https://convention2.allacademic.com/one/mpsa/mpsa17/>
- Chang, R. (Author & Presenter), Greer, A. (Author & Presenter), Murphy, H. (Author), Wu, H.-C. (Author), 88th Annual Southern Political Science Association Conference, "Earthquake Mitigation and Preparedness in Oklahoma," New Orleans, LA, United States of America. (January 12, 2017 - January 14, 2017).
Website Address: https://spsa.net/wp-content/uploads/2017/01/12.16.16.SPSA_2017.Program.LR.pdf
- Wu, H.-C. (Author & Presenter), Lindell, M. (Author), Prater, C. (Author), Huang, S. (Author), Johnston, D. (Author), Becker, J. (Author), Shiroshita, H. (Author), 2016 Conference on Disaster Prevention and Protection, "Immediate behavioral response to earthquakes in Christchurch, New Zealand, and Hitachi, Japan," Taiwan National Fire Association, Taipei, Taiwan, Taiwan. (November 14, 2016).
Website Address: https://www.wssaweb.com/documents/archive/66890_WSSA_2018_Program_proof_2.pdf
- Wu, H.-C. (Author), Oklahoma Political Science Association Conference, "Oklahoma Disaster Roundtable," Oklahoma City, OK, United States of America. (November 10, 2016 - November 11, 2016).
- Huang, S. (Author), Wu, H.-C. (Author & Presenter), Lindell, M. (Author), Samuelson, C. (Author), 3rd International Sociology Association Forum of Sociology, "Individuals' Responses to Tornado Warning Polygons," Vienna, Austria, Austria. (July 10, 2016 - July 14, 2016).
Website Address: <https://www.isa-sociology.org/en/conferences/forum/vienna-2016/>
- Wu, H.-C. (Author), The Bill Anderson Fund Student Council Workshop Series, "Peer Review Process for Grant Proposals and Research," Online, United States of America. (November 7, 2015).
- Wu, H.-C. (Author), Oklahoma Political Science Association Conference, "Emergency Response and Communication Technology," Edmond, OK, United States of America. (November 5, 2015 - November 6, 2015).
- Wu, H.-C. (Author & Presenter), Disaster Mitigation and Emergency Management Conference, "Disaster Risk Information Use and Protective Action Decision Making," Taoyuan, Taiwan, Taiwan. (September 18, 2015).
- Prelog, A. (Author & Presenter), Wu, H.-C. (Author), Wukich, C. (Author), 2015 Researchers Meeting, "Emergency Management and the Communication of Risk during the 2013 Colorado Floods," International Sociological Association Research Committee on Disasters, Broomfield, CO, United States of America. (July 22, 2015 - July 23, 2015).
Website Address: <https://hazards.colorado.edu/workshop/2019/researchers-meeting/overview>
- Wu, H.-C. (Author & Presenter), Wukich, C. (Author), Prelog, A. (Author), Khemka, A. (Author), 73th Annual Midwest Political Science Association Conference, "Emergency Evacuation and Risk Communication during the 2013 Colorado Flood," Midwest Political Science Association, Chicago, IL, United States of America. (April 16, 2015 - April 19, 2015).
Website Address: <https://convention2.allacademic.com/one/mpsa/mpsa17/>
- Wu, H.-C. (Author & Presenter), Lindell, M. (Author), Prater, C. (Author), XVIII International Association of Sociology World Congress of Sociology, "Perceptions on Hurricanes Information and Protective Action Decisions," International Association of Sociology, Yokohama, Japan, Japan. (July 13, 2014 - July 19, 2014).
Website Address: <https://www.isa-sociology.org/en/conferences/world-congress/yokohama-2014/>

- Hung, C. (Author & Presenter), Wu, H.-C. (Author), International Disaster Conference & Expo, "Government's Adaptive Planning Strategies when Facing Secondary Disasters: Case Studies in Beichuan-Qiang and Qing-Ping," Federal Emergency Management Agency, New Orleans, LA, United States of America. (January 7, 2014 - January 10, 2014).
Website Address: <https://www.isa-sociology.org/en/conferences/world-congress/yokohama-2014/>
- Wu, H.-C. (Author), 2013 Young Scientist Conference, "Hurricane Tracking and Hurricane Information Search," Taiwan Academia Sinica, Taipei, Taiwan, Taiwan. (October 2013).
- Wu, H.-C. (Author & Presenter), Lindell, M. (Author), Prater, C. (Author), 2013 Researchers Meeting, "Process Tracing Analysis of Hurricane Information Displays," International Sociological Association Research Committee on Disasters, Broomfield, CO, United States of America. (July 2013).
Website Address: <https://hazards.colorado.edu/workshop/2019/researchers-meeting/overview>
- Wu, H.-C. (Author & Presenter), Lindell, M. (Author), Prater, C. (Author), Huang, S. (Author), The 2013 National Hurricane Conference, "Assessing Patterns of Information Search in a Hurricane Tracking Task Using DynaSearch," New Orleans, LA, United States of America. (March 2013).
Website Address: <https://hazards.colorado.edu/workshop/2019/researchers-meeting/overview>
- Wu, H.-C. (Author & Presenter), Lindell, M. (Author), Prater, C. (Author), 2012 Researchers Meeting, "Communicating Hurricane Information," International Sociological Association Research Committee on Disasters, Broomfield, CO, United States of America. (July 2012).
Website Address: <https://hazards.colorado.edu/workshop/2019/researchers-meeting/overview>
- Wu, H.-C. (Author & Presenter), Lindell, M. (Author), Prater, C. (Author), 2011 Researchers Meeting, "Logistics of Hurricane Evacuation in Hurricanes Katrina and Rita," International Sociological Association Research Committee on Disasters, Broomfield, CO, United States of America. (July 2011).
Website Address: <https://hazards.colorado.edu/workshop/2019/researchers-meeting/overview>
- Hung, C. (Author), Wu, H.-C. (Author & Presenter), Ming Chuan University International Academic Seminar, "The Influence of Institutional Change on Local State Governance and its Own Industry: Case Study in Matsu Liquor Inc. and Quemoy Kaoliang Liquor Inc.," Ming Chuan University, Taipei, Taiwan, Taiwan. (March 2006).
Website Address: <https://hazards.colorado.edu/workshop/2019/researchers-meeting/overview>

Panel Presentation

- Wu, H.-C. (Panelist), 42nd Annual Natural Hazards Research and Applications Workshop, "When the Ground Shakes: Induced Seismicity in the United States," Natural Hazard Center, Broomfield, CO, United States of America. (July 9, 2017 - July 12, 2017).
Website Address: <https://hazards.colorado.edu/workshop/2017>
- Wu, H.-C. (Panelist), 40th Annual Natural Hazards Research and Applications Workshop, "Warning Messages, New Technologies, and Warning Responses," Natural Hazard Center, Broomfield, CO, United States of America. (July 19, 2015 - July 22, 2015).
Website Address: <https://hazards.colorado.edu/workshop/2015>

Poster

- Brindle, T. (Author & Presenter), Hung, T.-J. (Author), Lin, C.-C. (Author), Huang, S.-K. (Author & Presenter), Wu, H.-C. (Author), Lu, J.-C. (Author), Lindell, M. (Author), 44th Annual Natural Hazards Research and Applications Workshop, "How Do Households Protect Themselves during a Nighttime Earthquake-A Study of the 2018 Eastern Taiwan Earthquake," Broomfield, CO, United States of America. (July 14, 2019 - July 17, 2019).
Website Address: <https://hazards.colorado.edu/workshop/2019>
- Hung, T.-J. (Author & Presenter), Wu, H.-C. (Author), Greer, A. (Author), Al-Zaher, R. (Author), Huntsman, D. (Author), 44th Annual Natural Hazards Research and Applications Workshop, "College Students Hazard Adjustment Intentions and Their Attitudes Toward Tornadoes and Earthquakes in Oklahoma," Natural Hazard Center, Broomfield, CO, United States of America. (July 14, 2019 - July 17, 2019).
Website Address: <https://hazards.colorado.edu/workshop/2019>
- Chang, R. (Author & Presenter), Greer, A. (Author), Murphy, H. (Author), Wu, H.-C. (Author), 44th Annual Natural Hazards Research and Applications Workshop, "Maintaining the Status Quo: Understanding Local Use of Resilience Strategies to Address Earthquake Risk in Oklahoma," Natural Hazard Center, Broomfield, CO, United States of America. (July 14, 2019 - July 17, 2019).
Website Address: <https://hazards.colorado.edu/workshop/2019>
- Al-Zaher, R. (Author & Presenter), Wu, H.-C. (Author), Murphy, H. (Author), Harnness, D. (Author), 44th Annual Natural Hazards Research and Applications Workshop, "Tornado Threat Preparedness and Response of College Students with Companion Animals in Stillwater Oklahoma – A Pilot Study," Natural Hazard Center, Broomfield, CO, United States of America. (July 14, 2019 - July 17, 2019).
Website Address: <https://hazards.colorado.edu/workshop/2019>
- Wu, H.-C. (Author & Presenter), Huang, S.-K. (Author & Presenter), Murphy, H. (Author), Lindell, M. (Author), House, D. (Author), 43rd Annual Natural Hazards Research and Applications Workshop, "DyanSearch: A tool for Social Experiment Study: An example of Household Tornado Response," Natural Hazard Center, Broomfield, CO, United States of America. (July 8, 2018 - July 11, 2018).
Website Address: <https://hazards.colorado.edu/workshop/2018>
- Alex, G. (Author & Presenter), Wu, H.-C. (Author & Presenter), Murphy, H. (Author), Change, R. (Author & Presenter), 42nd Annual Natural Hazards Research and Applications Workshop, "Community Risk Perceptions and Hazard Adjustment Adoption in response to Induced Seismicity in Oklahoma," Broomfield, CO, United States of America. (July 9, 2017 - July 12, 2017).
Website Address: <https://hazards.colorado.edu/workshop/2017>
- Wei, H.-I. (Author), Wu, H.-C. (Author & Presenter), Lindell, M. (Author), Carlar, P. (Author), Lin, C.-C. (Author), Johnston, D. (Author), Becker, J. (Author), Shiroshita, H. (Author), 42nd Annual Natural Hazards Research and Applications Workshop, "Assessment of Households' Responses to the Tsunami Threat: A Comparative Study of Japan and New Zealand," Natural Hazard Center, Broomfield, CO, United States of America. (July 9, 2017 - July 12, 2017).
Website Address: <https://hazards.colorado.edu/workshop/2017>
- Wu, H.-C. (Author & Presenter), Lindell, M. (Author), Carlar, P. (Author), Wei, H.-I. (Author), Huang, S. (Author), Jon, I. (Author), Johnston, D. (Author), Becker, J. (Author), Shiroshita, H. (Author), Fraser, S. (Author), Doyle, E. (Author), Wright, K. (Author), Potter, S. (Author), McClure, J. (Author), Leonard, G. (Author), Coomer, M. (Author), Johal, S. (Author), 41st Annual Natural Hazards Research and Applications Workshop, "Household Tsunami Risk Perception after Four Earthquakes in New Zealand and Japan," Natural Hazard Center, Broomfield, CO, United States of America. (July 10, 2016 - July 13, 2016).
Website Address: <https://hazards.colorado.edu/workshop/2016>
- Wu, H.-C. (Author & Presenter), Prelog, A. (Author), Wukich, C. (Author), Khemka, A. (Author), 39th Annual Natural Hazards Research and Applications Workshop, "Emergency Evacuation and Risk Communication during the 2013 Colorado Flood," Natural Hazard Center,

Broomfield, CO, United States of America. (July 22, 2014 - July 25, 2014).
Website Address: <https://hazards.colorado.edu/workshop/2014>

Wu, H.-C. (Author & Presenter), Lindell, M. (Author), Prater, C. (Author), 35th Annual Natural Hazards Research and Applications Workshop, "Logistics of Hurricane Evacuation in Hurricanes Katrina and Rita," Natural Hazard Center, Broomfield, CO, United States of America. (July 2011).
Website Address: <https://hazards.colorado.edu/workshop/2014>

Wu, H.-C. (Author & Presenter), Lindell, M. (Author), Prater, C. (Author), Huang, S. (Author), 36th Annual Natural Hazards Research and Applications Workshop, "Effects of Hurricane Track and Threat Information on Judgments of Strike Probability," Natural Hazard Center, Broomfield, CO, United States of America. (July 2011).
Website Address: <https://hazards.colorado.edu/workshop/2014>

Wu, H.-C. (Author & Presenter), Lindell, M. (Author), Prater, C. (Author), Texas A&M GIS Day, "Hurricane Evacuation during Hurricane Rita," Texas A&M, College Station, TX, United States of America. (November 2010).

Scholarly Meeting Contribution

Wu, H.-C. (Moderator), 2019 Researchers Meeting, "Invited Session: Highlights from the International Journal of Mass Emergencies and Disasters," International Sociological Association Research Committee on Disasters, Broomfield, CO, United States of America. (July 17, 2019 - July 18, 2019).
Website Address: <https://hazards.colorado.edu/workshop/2019/researchers-meeting/overview>

Media Contributions

TV

"Earthquake Preparedness in Oklahoma," KOCO (ABC Affiliate). (December 8, 2017).
"Oklahoma Earthquake," KFOR (NBC Affiliate). (November 9, 2017).

TEACHING

Teaching Experience

University of North Texas

EADP 3045, Disaster Response and Recovery, 1 course.

Teaching at Other Institutions

Oklahoma State University, Research Design, FEMP 5013, 1 course.
Oklahoma State University, Quantitative Methods in Fire and Emergency Management, FEMP 5023, 1 course.
Oklahoma State University, Hazard, Vulnerability, and Risk Analysis, FEMP 5653, 1 course.
Oklahoma State University, Research Design, FEMP 5013, 1 course.
Oklahoma State University, Disaster Response_Korea, FEMP 5213, 1 course.
Oklahoma State University, Hazard, Vulnerability and Risk Analysis_Korea, FEMP 5653, 2 courses.
Oklahoma State University, Introduction to American Government, POLS 1113, 1 course.
Oklahoma State University, Quantitative Methods, POLS 5013, 1 course.
Oklahoma State University, Disaster Recovery, POLS 5383, 1 course.

Oklahoma State University, Regulatory Risk Analysis, POLS 5643, 1 course.
Oklahoma State University, Disaster Response, POLS 5933, 1 course.
Oklahoma State University, Quantitative Methods in Fire and Emergency Management, POLS 6123, 1 course.
Oklahoma State University, Introduction to American Government, POLS 1113, 3 courses.
Oklahoma State University, Quantitative Methods of Political Analysis, POLS 5013, 1 course.
Oklahoma State University, Emergency Management in International Setting, POLS 5693, 1 course.
Oklahoma State University, Disaster Response, POLS 5933, 1 course.

Non-Credit Instruction

Guest Lecture, University of North Texas. (2019).
Guest Lecture, Ewha Woman's University. (2018).
Continuing Education, Oklahoma State University. (2017).
Continuing Education, Oklahoma State University. (2016).
Guest Lecture, Ming Chuan University. (2016).
Guest Lecture, Oklahoma State University. (2016).
Guest Lecture, Oklahoma State University. (2016).
Guest Lecture, Oklahoma State University. (2015).
Guest Lecture, Texas A&M University. (2012).
Guest Lecture, Texas A&M University. (2012).

Directed Student Learning

Dissertation Committee Chair, "Household Response to a Night-time Earthquake in Taiwan," Other - Outside UNT. (October 1, 2019 - Present).
Advised: Tu-Jung Hung
Master's Thesis Committee Member, "Protective Action Decision-Making during the 2019 Dallas Tornado," Emergency Management and Disaster Science. (October 1, 2019 - Present).
Advised: Graham Huether
Dissertation Committee Chair, Other - Outside UNT. (September 1, 2018 - April 30, 2020).
Advised: Seongchul Choi
Dissertation Committee Chair, "Protective Action Decision Making and the Oroville Dam Incident," Other - Outside UNT. (September 1, 2017 - November 30, 2019).
Advised: Maria Wegner
Master's Thesis Committee Chair, "Tornado Threat Preparedness and Response of College Students with Companion Animals in Stillwater Oklahoma – A Pilot Study," Other - Outside UNT. (September 1, 2018 - August 30, 2019).
Advised: Raed Al-Zaher
Master's Thesis Committee Chair, "Improving Readiness for Firefighting by Experiential Learning of Live-fire Training," Other - Outside UNT. (October 1, 2017 - November 30, 2018).
Advised: Cheolmin Jeong
Master's Thesis Committee Chair, "Firefighter Occupational Cancer Risk Adjustment," Other - Outside UNT. (May 1, 2017 - April 30, 2018).
Advised: Benjamin Caffee
Dissertation Committee Chair, "The 2013 Floods in Boulder County Colorado: An Analysis of Governmental and Faith-based Organizations' Post-disaster Planning for Housing Recovery," Other - Outside UNT. (May 1, 2016 - April 30, 2017).
Advised: Kevin Milan
Dissertation Committee Chair, "Gender and Representative Bureaucracy: Opportunities and Barriers in Local Emergency Management Agencies," Other - Outside UNT. (September 1, 2015 - April 30, 2017).
Advised: Alyssa Provencio

Master's Thesis Committee Chair, "Getting engaged: Facebook and the fire service," Other - Outside UNT. (May 1, 2015 - April 30, 2016).
Advised: James Aleski

SERVICE

University Service

Committee Member, HPS Research and Scholarship Advisory Committee. (December 18, 2019 - Present).

Committee Member, EMDS Graduate Program Committee. (November 1, 2019 - Present).

Faculty Advisor, UNT Taiwanese Student Association. (October 1, 2019 - Present).

Committee Member, HPS Associate Dean of Research Search Committee. (September 20, 2019 - April 30, 2020).

Committee Member, OSU Center for the Study of Disasters and Extreme Events. (September 1, 2016 - May 15, 2019).

Committee Member, Fire and Emergency Management Administration Program Committee. (September 1, 2014 - May 15, 2019).

Committee Member, Curriculum Committee. (September 1, 2017 - May 15, 2018).

Committee Member, Graduate Activities Planning. (September 1, 2017 - May 15, 2018).

Committee Member, Oklahoma State University Fire Council. (September 1, 2016 - May 15, 2018).

Committee Member, Outreach/Philanthropy Committee-International Outreach. (September 1, 2014 - May 15, 2018).

Faculty Advisor, Oklahoma State University Taiwanese Students Association. (October 1, 2014 - April 30, 2018).

Committee Member, Environmental Policy Position Search Committee. (September 1, 2017 - December 12, 2017).

Committee Member, Research Proposal Review Panel. (March 1, 2017 - March 15, 2017).

Committee Member, PRS Subcommittee. (September 1, 2014 - December 12, 2015).

Committee Member, FEMP Position Search Committee. (September 1, 2014 - December 12, 2014).

Professional Service

Committee Member, RC 39 Sociology of Disasters, International Sociological Association. (September 2018 - Present).

Editor, Journal Editor, International Journal of Mass Emergencies and Disasters. (October 1, 2017 - Present).

Editorial Review Board Member, International Fire Service Journal of Leadership and Management. (September 1, 2017 – July 1, 2020).

Reviewer, Grant Proposal, National Science Foundation, Alexandria, VA. (April 2020).

Reviewer, Journal Article, Risk Analysis. (December 26, 2019 - February 10, 2020).

Reviewer, Journal Article, Weather, Climate and Society. (September 20, 2019 - October 31, 2019).

Reviewer, Journal Article, Natural Hazards. (February 8, 2018 - August 17, 2018).

Reviewer, Journal Article, International Journal of Disaster Risk Reduction. (June 4, 2018 - July 30, 2018).

Reviewer, Ad Hoc Reviewer, Royal Roads University. (May 24, 2018 - July 4, 2018).

Reviewer, Journal Article, International Journal of Emergency Management. (June 11, 2018 - June 25, 2018).

Reviewer, Journal Article, Weather, Climate and Society. (August 8, 2017 - June 13, 2018).

Reviewer, Journal Article, Atmosphere. (September 3, 2017 - September 28, 2017).

Mentor, Bill Anderson Foundation. (September 1, 2015 - May 15, 2017).

Reviewer, Grant Proposal, National Science Foundation, Alexandria, VA. (April 2017).
Reviewer, Journal Article, Weather, Climate and Society. (July 31, 2016 - March 29, 2017).
Reviewer, Journal Article, Natural Hazards. (March 5, 2016 - October 1, 2016).
Reviewer, Journal Article, Journal of Contingencies and Crisis Management. (January 11, 2016 - September 29, 2016).
Reviewer, Journal Article, Risk Analysis. (July 17, 2015 - July 31, 2016).
Reviewer, Journal Article, Journal of Emergency Management. (May 6, 2016 - July 7, 2016).
Reviewer, Journal Article, Journal of Emergency Management. (April 27, 2015 - June 24, 2016).
Committee Member, Prince Dissertation Award Committee. (2014 - 2015).
Reviewer, Journal Article, International Journal of Disaster Risk Reduction. (July 1, 2015 - December 21, 2015).

Public Service

Guest Speaker, Osher Lifelong Learning Institute, Oklahoma State University, Stillwater, Oklahoma. (March 2017).

Awards and Honors

Service, University

OSU Political Science Department Outstanding Research Award, Political Science Department, Oklahoma State University. (2018).
OSU Political Science Department Outstanding Service Award, Political Science Department, Oklahoma State University. (2018).
Western Social Science Association Outstanding Emerging Scholar Award, Western Social Science Association. (2018).
OSU Political Science Department Outstanding Research Award, Political Science Department, Oklahoma State University. (2017).
OSU Political Science Department Outstanding Research Award, Political Science Department, Oklahoma State University. (2016).

Licensures and Certifications

Scholarship of Teaching and Learning Certificate, Oklahoma State University. (2015 - Present).
Certificate in Environmental Hazard Management, Texas A&M University. (2014 - Present).
Graduate Certificate in Geographic Information Systems, Texas A&M University. (2014 - Present).
Community Planner, Taiwan Tao-Yuan Prefecture Government. (2008 - Present).
Japanese Language Proficiency Test: Level 1, National Interchange Association Japan. (2008 - Present).

Professional Memberships

Member, International Sociological Association. (2017 - Present).