

Wang Liao

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Research Areas

Communication in Interpersonal and Group Processes
Communication Technologies
Sociality of Affect and Emotion
Quantitative Methods

Education

- 2018 PhD in Communication
Cornell University
- 2015 MS in Communication
Cornell University
- 2012 MA in New Media Studies
Tsinghua University, China
- 2009 BA in Advertising
Xiamen University, China

Journal Articles

- 2017 **Liao, W.**, McComas, K. A., & Yuan, Y. C. (2017). The influence of unrestricted information exchange on willingness to share information with outsiders. *Human Communication Research*, *43*, 256–275. doi:[10.1111/hcre.12104](https://doi.org/10.1111/hcre.12104)
- Thoemmes, F., **Liao, W.**, & Jin, Z. (2017). The analysis of the regression-discontinuity design in R. *Journal of Educational and Behavioral Statistics*, *42*, 341-360. doi:[10.3102/1076998616680587](https://doi.org/10.3102/1076998616680587)
- 2016 **Liao, W.**, Bazarova, N. N., & Yuan, Y. C. (2016). Expertise judgment and communication accommodation in linguistic styles in computer-mediated and face-to-face groups. *Communication Research*. Advance online publication. doi:[10.1177/0093650215626974](https://doi.org/10.1177/0093650215626974)
- Liao, W.**, Yuan, Y. C., & McComas, K. A. (2016). Communal risk information sharing: motivations behind voluntary information sharing for reducing interdependent risks in a community. *Communication Research*. Advance online publication. doi:[10.1177/0093650215626981](https://doi.org/10.1177/0093650215626981)

manuscripts under review

Liao, W., Bazarova, N. N., & Yuan, Y. C. (working title) Unpacking Medium Effects on

- Social Psychological Processes in Computer-mediated Communication Using the Social Relations Model (*under review*)
- Margolin, D. & **Liao, W.** (working title) The emotional antecedents of solidarity in social media crowds (*under review*)
- Yuan, Y. C., **Liao, W.**, & Bazarova, N. N. (working title) Judging expertise through communication styles in intercultural collaboration (*under review*)

Book Chapter

- 2016 **Liao, W.**, MacDonald, P., & Yuan, Y. C. (2016). The impact of communication behaviors on expertise recognition in intercultural collaboration. In J. Treem & P. Leonardi (Eds.), *Communication, Expertise, and Organizing* (pp. 79-99). Oxford, UK: Oxford University Press

Conference Presentations / Proceedings

- 2017 **Liao, W.**, Bazarova, N. N., & Yuan, Y. C. (2017, May). Development and application of an analytical framework for analyzing social behaviors with social relations models in CMC Groups. Poster presented at the 67th Annual Conference of the International Communication Association, San Diego, CA, USA
- 2016 **Liao, W.**, McComas, K. A., & Yuan, Y. C. (2016, November). The influence of unrestricted information exchange on willingness to share risk information with outsiders. Paper presented at the National Communication Association 102th Annual Convention, Philadelphia, PA, USA
- 2015 Margolin, D., **Liao, W.**, & Lin, Y.-R. (2015). Conversing in reflective glory: A systematic study using national Football League games. *Proceedings of ICWSM'15*
- Liao, W.**, Bazarova, N. N., & Yuan, Y. C. (2015, May). Expertise judgment and communication accommodation in CMC and FtF groups. Paper presented at the 65th Annual Conference of the International Communication Association, San Juan, Puerto Rico
- Liao, W.**, Yuan, Y. C., & McComas, K. A. (2015, August). Communal risk information sharing: motivations behind voluntary information sharing of late blight infection in U.S. agricultural communities. **Top 2 faculty paper of the CommSHER division** at the Annual Conference of the Association for Education in Journalism and Mass communication, San Francisco, CA, USA
- 2012-2014 **Liao, W.** & Liu, Y. (2014, May). Personalized public goods production in social networking site. Paper presented at the 63th Annual Conference of the International Communication Association, Seattle, WA, USA
- Theommes, F. & **Liao, W.** (2014, May). The Markov equivalence class of the mediation model. Paper presented at the Modern Modeling Method Conference. Storrs, CT, USA
- Liao, W.** & Liu, Y. (2014, May). Personalized public goods production in social networking site. Paper presented at the 63th Annual Conference of the International Communication Association, Seattle, WA, USA
- Liao, W.** (2013, Nov). The digital legitimation of stratification. National Communication Association 99th Annual Convention, Washington, D.C., USA
- Theommes, F. & **Liao, W.** (2013, May). Propensity score matching (with multilevel data) using SPSS and R. Paper presented at the Modern Modeling Methods Conference,

Storrs, CT, USA

Computer Programs

- 2015-2018 R Package for Regression Discontinuity Designs
with Dr. Thoemmes, F. & Jin, Z.
- 2013-2015 SPSS Plugin for Propensity Score matching
with Dr. Thoemmes, F.
sourceforge.net

Teaching Experience

- 2016 Spring **Structural Equation Modeling (Graduate Seminar, 3 credits)**
COMM 6950, Department of Communication, Cornell University
Co-Instructor (4 students): lecturing for lab sessions and recent advances in SEM
- 2013 Fall **Research Issues in Social Networks (Graduate Seminar, 3 credits)**
INFO 7040, Department of Information Science, Cornell University
Teaching Assistant (20 students): tutoring and grading essays for first-year graduate students in Information Science
- 2010 Fall, 2011 Spring **Survey and Statistics (Undergraduate Lecture, Taught in Chinese, 3 credits)**
40670363, School of Journalism and Communication, Tsinghua University, China
Teaching Assistant and Lab Session Instructor (40 students): designing statistical assignments and labs.

Grant-based Research Experience

- 2015- **Web-based Software to Estimate Power and Causal Effects of Various Regression Discontinuity Designs (US Department of Education, Institute of Education Sciences, R305D150029, PI: Felix Thommes)**
Research Assistant: collaborating on the design and implementation of the method and software
Output (current): coauthoring a paper published in *Journal of Educational and Behavioral Statistics*
- 2012-2015 **Reducing Losses to Potato and Tomato Late Blight by Monitoring Pathogen Populations, Improved Resistant Plants, Education, and Extension (US Department of Agriculture, National Institute of Food and Agriculture, 2011-68004-30154, PI: Katherine McComas)**
Research Assistant: leading a national survey of risk information sharing among US growers
Output: leading two papers published in *Communication Research* and *Human Communication Research*
- 2012-2013 **Retaining Organizational Knowledge in Connective and Communal Transactive Memory Systems: A Cross-culture Investigation from a Multilevel, Network Perspective (National Science Foundation, Innovation and Organizational Change, 0822784, PI: Connie Yuan) / Expertise recognition in cross-cultural collaboration in groups: The impact of computer-mediated and face-to-face communication (Institute of Social Sciences of Cornell University, PI: Natalie Bazarova)**

Research Assistant: studying communication dynamics in teams
Output: leading a paper published in *Communication Research*

Professional Affiliations

National Communication Association, Member

International Communication Association, Member

Association for Education in Journalism and Mass Communication, Member

Last updated: September 11, 2018