

Wang Liao

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Areas of Research Interest

Communication in Multilevel Social Processes (Interpersonal, Group, and Organizational)
Medium Effects and Communication Technologies
Relational and Group Processes
Social and Communication Networks
Social Functionality of Affect and Emotion
Quantitative Methods

Education

PhD in Communication (expected, 2018 summer)

Department of Communication, Cornell University

Advisory Committee: Connie Yuan (chair), Drew Margolin, Ed Lawler, Michael Macy

Mentor: Felix Thoemmes, Natalie Bazarova

2015

MS in Communication

Department of Communication, Cornell University

2012

MA in New Media Studies

School of Journalism and Communication, Tsinghua University, China

2009

BA in Advertising

Department of 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

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

manuscripts under review

Liao, W., Bazarova, N. N., & Yuan, Y. C. Unpacking medium effects: Using the social relations model to study social psychological aspects of in computer-mediated communication. (*revise & resubmit*)

Margolin, D. & **Liao, W.** Emotional 'group talk': A communication logic for self-organized solidarity among national football league fans on Twitter. (*under review*)

Yuan, Y. C., **Liao, W.**, & Bazarova, N. N. 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*. 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 legitimization 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- **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 (COMM 6950)**
Department of Communication, Cornell University
Co-Instructor (6 students): lecturing for lab sessions and recent advances in SEM

2013 Fall **Research Issues in Social Networks (INFO 7040)**
Department of Information Science, Cornell University
Teaching Assistant (20 students): grading essays for first-year graduate students in Information Science

Honors & Awards

- 2016 Anson Rowe Advanced Student Award
Cornell University
- 2015 Top faculty paper (2nd place)
CommSHER Division, AEJMC

Experience in Grant-based Research

- 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 Thoemmes
Role: 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*
- 2013-2015 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
Role: 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*

Skills in Applied Statistics

Multilevel Modeling, Structural Equation Modeling, Panel Data/Fixed-Effects Modeling, Statistical Network Analyses, Causal Inference in Observational Data.

Services

- 2016 Job Search Committee
Dept. of Communication, Cornell University

Professional Affiliations

National Communication Association, Member

International Communication Association, Member

Association for Education in Journalism and Mass Communication, Member.