

Wang Liao

PhD Candidate
Department of Communication
455 Mann Library Building
Cornell University
Ithaca, NY 14850

☎ 607-379-3240
✉ wl483@cornell.edu
👤 wliao229.github.io

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 Functions 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

- 2016 Liao, W., McComas, K. A., & Yuan, Y. C. (2016). The influence of unrestricted information exchange on willingness to share information with outsiders. *Human Communication Research*. first published online. [doi:10.1111/hcre.12104](https://doi.org/10.1111/hcre.12104)
- Thoemmes, F., Liao, W., & Jin, Z. (2016). The analysis of the regression-discontinuity design in R. *Journal of Educational and Behavioral Statistics*, 42(3), 341-360. [doi:10.3102/1076998616680587](https://doi.org/10.3102/1076998616680587)

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*. first published online. 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*. first published online. doi:10.1177/0093650215626981

Manuscripts under Review

Liao, W., Bazarova, N. N., & Yuan, Y. C. Unpacking channel effects: A social relations analysis framework for studying individual, dyadic, and group processes 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 legitimation of stratification. National Communication Association 99th Annual Convention, Washington, D.C., USA

Thoemmes, 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 design
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.