

# Wang Liao

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## Areas of research interest

communication in multilevel social processes (interpersonal, group, and organizational); information and communication technologies; group processes; social and communication networks; affect; quantitative & computational methods.

## Education

- 2012-      **PhD in Communication** (expected, Spring 2018)  
Department of Communication, Cornell University  
Advisory Committee: Connie Yuan, Drew Margolin, Ed Lawler, Michael Macy  
Dissertation: Communication, affect, and status organizing in task-oriented groups
- 2012-2015      **MSc in Communication**  
Department of Communication, Cornell University
- 2009-2012      **MA in New Media Studies**  
School of Journalism and Communication, Tsinghua University, China
- 2005-2009      **BA in Advertising**  
Department of Advertising, Xiamen University, China

## Papers

### JOURNAL ARTICLE

- 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
- 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

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

#### MANUSCRIPT IN PREPARATION

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. (*under review*)

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

#### 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 PRESENTATION

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

### Teaching

2016 Spring

**Structural Equation Modeling (COMM 6950)**

Department of Communication, Cornell University

Instructor (6 students, rated 5/5): 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

### Software Packages

2015-

**R package for regression discontinuity design**

with Prof. Thoemmes, F. & Jin, Z.

2013-2015

**SPSS plugin for propensity score matching**

with Prof. Thoemmes, F.

[sourceforge.net](https://sourceforge.net)

### Grants, honors & awards

2016

**Anson Rowe Advanced Student Award**

Cornell University

2015 Top 2 faculty paper  
CommSHER Division, AEJMC

### Involvement in Funded Research Projects

2015- Web-based Software to Estimate Power and Causal Effects of Various Regression Discontinuity Designs (US Department of Education, Institute of Education Sciences, R305D150029)

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)

Research Assistant: leading a national survey of US growers' intention to share risk information within and across agricultural communities

Output: leading two papers published in *Communication Research* and *Human Communication Research*

### Service

2016 Job Search Committee  
Dept. of Communication, Cornell University