

Y. Jasmine Wu

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EDUCATION

- Ph.D. Media, Technology, and Society, Northwestern University, 2023 (expected)
Advisor: Noshir Contractor
- M.S. Statistics, Northwestern University, 2023 (expected)
- M.A. Media, Technology, and Society, Northwestern University, 2021
- B.S. Information Science, Communication, *magna cum laude*, Cornell University, 2019

RESEARCH AREAS

Organization science: Network churn, teams, crises, individual performance, technology management
Social network analysis: Exponential Random Graph Models, Stochastic Actor-Oriented Models
Computational social science methods: Natural language processing, neural networks

PUBLICATIONS

Journal Article

- 2021 **Wu, Y. J.**, Antone, B., Srinivas, A., DeChurch, L. A., & Contractor, N. S. Teamwork in the time of COVID-19: Creating, dissolving, and reactivating network ties in response to a crisis. *Journal of Applied Psychology*, 106, (10), 1483–1492. doi.org/10.1037/apl0000969.

Manuscripts under Review

- 2022 **Wu, Y. J.**, Agur, C., Rabindra, R., Sundar, S. S., Ang, P. H., Jone, S., Ellison, N., & Contractor, N. S. Title removed for blind review. Topic: ICA.
- 2022 Lungeanu, A., Whalen, R., **Wu, Y. J.**, DeChurch, L. A., & Contractor, N. S. Title removed for blind review. Topic: Text analytics for team expertise diversity.

CONFERENCE ACTIVITY

Sessions Organized

- 2022 “Organizational Collaboration Technology’s Impact on Remote and Hybrid Work.” Sunbelt 2022 XLII Social Networks Conference. Cairn, Australia. July 16.
- 2022 “The Next Normal for Work: Reconfiguring Hybrid Work and Teams at Workplace.” Society for Industrial and Organizational Psychology. Seattle, U.S. April 29th.
- 2021 “Near Future of Work 2021: Supporting Digital and Remote Collaboration”. Companion workshop of the 13th ACM Web Science Conference. Virtual. June 22nd.

Conference Presentations¹

- 2022 Zhu, M., **Wu, Y. J.**, Lin, L., DeChurch, L. A., & Contractor, N. S. Reimagining relational inertia: The dynamics of communication patterns in response to an exogenous crisis. *To be presented at the 72nd Annual Conference of the International Communication Association (ICA)*, Paris, France.
- 2022 **Wu, Y. J.**, Agur, C., Rabindra, R., Sundar, S. S., Ang, P. H., Jone, S., Ellison, N., & Contractor, N. S. (2022, May). One association, many networks: ICA, membership, and identity in the field of communication. *To be presented at the 72nd Annual Conference of the International Communication Association (ICA)*, Paris, France.
- 2021 **Wu, Y. J.**, Srinivas, A. *, Antone, B., DeChurch, L. A., & Contractor, N. S. Social network churn within and between teams in times of COVID-19. *Presented at the Third North American Social Networks Conference (NASN)*.
- 2020 Antone, B., **Wu, Y. J.**, Chan, C., Li, H., Xu, Y., Lane, J. N., DeChurch, L. A., Leonardi, P. M., & Contractor, N. S. Teaming in the time of Covid: Reconfiguration of workplace communication networks. *Presented at the Institute for Operations Research and the Management Sciences (INFORMS) Annual Meeting*.
- 2020 **Wu, Y. J.**, Antone, B., Chan, C., DeChurch, L. A., & Contractor, N. S. Status difference and network mobilization in organizations in times of COVID-19. *Poster presented at the Organizational Communication Mini-Conference (OCMC)*.
- 2020 Lungeanu, A., Whalen, R., **Wu, Y. J.**, DeChurch, L. A., & Contractor, N. S. Text and network: Mapping changes in the expertise diversity of patent teams. *Presented at the Virtual Sunbelt Conference of the International Network for Social Network Analysis (INSNA)*.
- 2020 Lungeanu, A., Whalen, R., **Wu, Y. J.**, DeChurch, L. A., & Contractor, N. S. Mapping changes in the expertise diversity of patent teams over the past four decades. *Presented at the 11th Annual International Science of Team Science (SciTS) Virtual Conference*.
- 2020 **Wu, Y. J.** Leveraging co-authorship network to understand research performance in Communication. *Paper presented at the 70th Annual Conference of the International Communication Association (ICA)*, virtual. **Top Student Paper Award**, Communication and Technology Division.
- 2019 **Wu, Y. J.**, Chan, C., Jin, C, McLeod, P., & Williams, M. Effects of avatar gender on negotiation in an immersive virtual environment. *Paper presented at the 105th Annual Conference of the National Communication Association (NCA)*, Baltimore, MD. **Top Student Paper Award**, Group Communication Division.
- 2018 **Wu, Y. J.**, Chan, C., Jin, C, McLeod, P., & Williams, M. Extended Abstract: Effects of avatar gender on negotiation strategy and outcomes in an immersive virtual environment. *Presented at the 68th Annual Conference of the International Communication Association (ICA)*, Prague, Czech Republic.

GRANTS AND AWARDS

Awards and Honors

- 2020 Top Student Paper Award, Communication and Technology Division, International Communication Association

¹Presenting author *italicized* if other than first author. * indicates supervised mentee.

- 2019 Top Student Paper Award, Group Communication Division, National Communication Association
- 2019 Anson H. Rowe Award, Cornell University

Grants and Fellowships

- 2022–23 Northwestern University School of Communication Graduate Fellowship
- 2019, 22 MTS Conference Travel Grant
- 2019–20 Northwestern University School of Communication Graduate Fellowship
- 2019 Department of Communication Studies Travel Grant
- 2018 Undergraduate Summer Research Grant
- 2018 Ann S. and Robert R. Morley Student Research Fund

OTHER RESEARCH EXPERIENCES

- 2016-19 Group and Interpersonal Communication Lab, Cornell University. PI: Poppy McLeod
- 2017-19 Virtual Embodiment Lab, Cornell University. PI: Andrea Won
- 2018 Social Dynamics Lab, Cornell University. PI: Michael Macy
- 2018 Virtual Human Interaction Lab, Stanford University. PI: Jeremy Bailenson

TEACHING²

Northwestern University

COMM_ST 295: Social Capital and Networks. Spring 2022.

COMM_ST 159: Computing Everywhere. Winter 2022.

IEMS 441/MTS 525*: Social Network Analysis. Instructor: Noshir Contractor. Fall 2021.

MSC 492*. Understanding & Leveraging Organizational Social Networks. Instructor: Noshir Contractor. Spring 2020, 2021.

IEMS 341/COMM_ST 352*: Social Network Analysis. Instructor: Noshir Contractor. Spring 2021.

IEMS 341/COMM_ST 352/COMP_SCI 396*: Social Network Analysis. Instructor: Noshir Contractor. Winter 2022.

Cornell University

PSYCH 2580/HD 2580/ILRLR 2580/SOC 2580*: Six Pretty Good Books: Explorations in Social Science. Instructors: Michael Macy & Stephen Ceci. Fall 2018.

COMM 2820*: Research Methods in Communication. Instructor: Natalie Bazarova. Fall 2017.

ECOM 2040/SOC 2090/CS 2850/INFO SCI 2040*: Networks. Instructors: Jon Kleinberg & David Easley. Fall 2017.

² * indicates teaching assistant.

HEC Paris

Executive MBA Shift Major Reinventing organizations in a “post”-covid world: Managing and Motivating remote, multicultural, diverse, and artificially augmented organizations*. “Understanding and Enabling Teamwork Using People Analytics.” Instructor: Noshir Contractor. Jan 25, 2022.

University of Science and Technology of China

COMM641IP*: Social Network Analysis. Instructor: Noshir Contractor. Spring 2022.

MENTORING

Master Students

Yun Teng. Master of Science in Computer Science, Northwestern University. 2021-2022

Ziyue Xu. Master of Science in Analytics, Northwestern University. 2021

Undergraduate Students

Derex Wangmang. Computer Science, Northwestern University. 2022

Yining Huang. Computer Science & Statistics, Northwestern University. 2021-2022

Bill Gao. Mathematical Methods in the Social Sciences & Economics, Northwestern University. 2021-2022

Rohil Bahl. Computer Science, Northwestern University. 2021

Ahan Sahu. Industrial Engineering and Management Science, Northwestern University. 2021

Arshya Srinivas. Industrial Engineering and Management Science, Northwestern University. 2020

High School Student

Nikola Bilaver. Jones College Prep High School. 2020

SERVICE

Service to Field

Tech Squad Student Volunteer Program Lead, International Communication Association, 2022

Reviewer, International Communication Association, 2019–21

Service to Department

MTSB Recruitment weekend, student organizer, 2020

MEMBERSHIPS

International Network for Social Network Analysis (INSNA)

Society for Industrial and Organizational Psychology (SIOP)

International Communication Association (ICA)

National Communication Association (NCA)

Updated March 2022