

Yiling Lin

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130 North Bellefield Avenue, Pittsburgh, PA 15260

WORKING EXPERIENCE *University of Pittsburgh* 2021 Sep - Present
Graduate Research Assistant, School of Computing and Information
Projects: Nature of Scientific Progress, Significance of Remote Work, Interdisciplinary Scientific Collaboration.

University of Chicago 2019 Nov - 2021 Jun
Graduate Research Assistant, Department of Sociology
Project: New Directions in Science.

EDUCATION *PhD - Information Science* 2021 - Present
University of Pittsburgh
MA - Computational Social Sciences 2019 - 2021
University of Chicago
BA - Management Science 2014 - 2018
Beijing Normal University

JOURNAL ARTICLES **Lin, Y.**, Frey, C. B., & Wu, L. (2023). Remote Collaboration Fuses Fewer Breakthrough Ideas. *Nature*, 623(7989), 987-991.
Remote teams fuse less breakthrough ideas than onsite teams.

Lin, Y., Evans, J. A., & Wu, L. (2022). New Directions in Science Emerge from Disconnection and Discord. *Journal of Informetrics*, 16(1), 101234.
Disruptive papers are “sleeping beauties” that accumulate surprising attention and citation impact over the long run.

WORKING PAPERS Li, L., **Lin, Y.**, & Wu, L. (2024). Can Generative AI Generate Breakthrough Ideas?
Science advances by substituting not complementing existing ideas.

Risha, Z., **Lin, Y.**, Leahey, E., & Wu, L. (2023). Increased Specialization and Reduced Innovation in Interdisciplinary Teams
Interdisciplinary teams can be disruptive, but only when they are made of polymaths.

TALKS

- 02/2024 Speaker, Department of Information Science, Cornell University
- 01/2024 Speaker, The Computational Culture Lab, Stanford and Berkeley
- 06/2023 International Conference on the Science of Science & Innovation (**ICSSI**), Northwestern University
- 06/2022 International Conference on the Science of Science & Innovation (**ICSSI**), Washington, DC
- 03/2022 Women in Data Science (**WIDS**), Boston (online)
- 07/2021 International Conference on Computational Social Science (**IC²S²**), ETH (online)

- 10/2021 Workshop on Natural Language Processing for Scientific Text (**SciNLP**), Irvine (online)
- 07/2021 Speaker, Department of Information Management, **Peking University**.
- 06/2021 Seminar, the Annual Interdisciplinary Graduate Conference, MAPSS and MACSS, **University of Chicago**.
- 03/2021 Speaker, Institute for Software Research, **Carnegie Mellon University**.
- 11/2020 Speaker, School of Information, **University of Texas at Austin**.
- 11/2020 Speaker, Department of Communication, **Michigan State University**.
- 08/2020 Invited speaker, **Swarma Club-Kaifeng Academic Meeting**.

**ACADEMIC
SERVICE**

Organizer

- Workshop of The Science of Team Science and Innovation, PittCSS, Pittsburgh, 2022

Reviewer

- Humanities and Social Sciences Communications, reviewer, 2023
- EPJ Data Science, reviewer, 2023
- Physical Review X, reviewer, 2023
- Nature Human Behaviour, sub-reviewer, 2022
- PLOS One, sub-reviewer, 2021

**SKILLS
&
KNOWLEDGE**

Languages: English-proficient, Mandarin-native.

Methodology: Network Science, Natural language processing.

Programming Languages: Python, Stata, Matlab, Sql, Processing.