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," accumulating impact over the long run.

WORKING PAPERS

Li, L., **Lin, Y.**, & Wu, L. (2024). Displacing Science
Science advances by substituting not complementing existing ideas.

Risha, Z., **Lin, Y.**, Leahey, E., & Wu, L. (2024). The Death of Renaissance Scientists
The decline of generalists has led to innovation losses unmatched by specialist teams.

Cui, H., **Lin, Y.**, Wu, L., & Evans, J. A. (2024). The Nostalgia Effect in Science
Disruptive creativity declines with scientists' academic age.

TALKS

- 07/2024 International Conference on the Science of Science & Innovation (**ICSSI**), Washington, DC
- 05/2024 Speaker, Northwestern Institute on Complex Systems (NICO), Northwestern University
- 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
- PNAS, Nature Human Behaviour, PLOS One, Humanities and Social Sciences Communications, Frontiers in Big Data, EPJ Data Science, Physical Review X, Applied Network Science

Teaching

Instructor
- Information Visualization, INFSCI 1520, University of Pittsburgh, 2025 Spring.

SKILLS & KNOWLEDGE

Languages: English-proficient, Mandarin-native.
Methodology: Network Science, Natural language processing.
Programming Languages: Python, Stata, Matlab, Sql, Processing.