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Education

2020 – 2023 High School Diploma
Experimental High School Attached to Beijing Normal University
2023 – Present BSc Philosophy, Politics and Economics
University College London
Department of Political Science

Research Experience

2024 – Present Research Assistant
BI Norwegian Business School
Supervisor: Dr. Shubin Yu
Project: Generative AI for Research Initiative ([Project Website](#))
Responsibilities: Conducted interviews, designed questionnaires, co-developed [mimitalk.app](#) (an AI-powered interview platform), drafted papers

Publications

Published

1. Huang, Y., Shu, M., **Liu, F.**, Liu, B., Huang, C., & Wang, S. Nonlinear Heterogeneity Impact of El Niño-Southern Oscillation on Energy Markets: A Global Perspective Analysis. *Energy* (2025): 137475.
[doi: 10.1016/j.energy.2025.137475](https://doi.org/10.1016/j.energy.2025.137475)
Corresponding Author: Baoliu Liu
2. Shu, M., Wang, C., **Liu, F.** et al. The Risk Transmission Mechanism of Global Stock Markets from the Perspective of Entropy-Riemann Geometry: Theoretical Construction and Empirical Analysis. *Comput Econ* (2025).

doi: [10.1007/s10614-025-10913-4](https://doi.org/10.1007/s10614-025-10913-4)

Corresponding Author: Fengming Liu

Preprint

1. **Liu, F.**, & Yu, S. Step Further Towards Automated Social Science: An AI-Powered Interview Platform. Available at SSRN (2025).

doi: [10.2139/ssrn.5120349](https://doi.org/10.2139/ssrn.5120349)

Under review at *PLOS ONE*. Designated as a Recent Top Paper by SSRN (Frontiers in Information Systems Research & Applications eJournal), April 2025.

Presented at: AMA Summer Academic Conference 2025 (Poster), Biz AI Conference: AI Applications in Business Research (Poster), Wharton's "Business and Gen AI" Conference (Oral Presentation). **Presented by corresponding author.*

Corresponding Author: Shubin Yu

Working Papers

1. Shu, M., **Liu, F.**, & Wang, S. Cannon to Kilowatts: The Enduring Legacy of the Self-Strengthening Movement on China's Electrification.

R&R at *Cliometrica*. Accepted by *The Eleventh Annual Symposium on Quantitative History*.

Corresponding Author: Mingyu Shu

2. Yu, S., Shu, M., **Liu, F.**, Hu, J & Joerling, M, Consumer Research in the Age of Generative AI: Comparing AI and Human Interview Performance.

Targeting at *Journal of Consumer Research*.

Corresponding Author: Shubin Yu

Language and Skills

Mandarin (Native), English (Fluent), French (Basic), C, Javascript, Python, R, L^AT_EX

Research Interests

AI Application, Political Economy, Social Science, Quantitative History

Last Updated: 2025-07-16