

Fengming Liu

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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: Impact of AI on Academic Inequality
Responsibilities: Conducted interviews, designed questionnaires,
built an online interview platform, drafted papers

Publications

Published

1. 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). <https://doi.org/10.1007/s10614-025-10913-4> *Corresponding Author: Fengming Liu*

Preprint

1. **Liu, F.** and Yu, S., Step Further Towards Automated Social Science: An AI-Powered Interview Platform (December 01, 2024). Available at SSRN: https://papers.ssrn.com/sol3/papers.cfm?abstract_id=5120349
Under review at *Computers in Human Behavior*.
Corresponding Author: Shubin Yu

Working Papers

1. Shu, M., **Liu, F.**, Wang, S., Tian, J., & Ai, Z. Cold Winter, Desperate Heart: Experience of Great Famine and Drinks. Under review at *Economics and Human Biology*.
Corresponding Author: Dr. Baoliu Liu
2. Shu, M., **Liu, F.**, Huang, C., Wang, S., & Huang, Y. Nonlinear Heterogeneity Impact of El Niño-Southern Oscillation on Energy Markets: A Global Perspective Analysis. Under review at *Energy*.
Corresponding Author: Dr. Baoliu Liu
3. Shu, M., Wang, J., **Liu, F.**, & Huang, Y. Tailwind or Headwind: Deterioration of China-US Relations and Volatility in China's Foreign Exchange Market. Under review at *Journal of World Development*.
Corresponding Author: Dr. Baoliu Liu
4. Shu, M., Wang, J., **Liu, F.**, & Huang, Y. Star Transformation, Unity of Heaven and Man, and Royal Power: Crisis of Legitimacy of Political Power and Governance of Turmoil in Dynasties.
Corresponding Author: Dr. Baoliu Liu
5. Yu, S., Shu, M., **Liu, F.**, Hu, J & Joerling, M, Consumer Research in the Age of Generative AI: Comparing AI and Human Interview Performance.
Corresponding Author: TBD

Language and Skills

Mandarin (Native), English (Fluent), French (Basic), C, Javascript, Python, R, \LaTeX ,

Research Interests

AI Application, Political Economy, Social Science, Quantitative History

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