

Xin Lu

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Education

Ph.D. in Economics, Stony Brook University, Stony Brook, NY 2019 – Present
Advisor: Professor Steven Stern
M.S. in Economics of Population, Resources and Environment, Wuhan University, China 2015 – 2018
B.Econ. in Finance & B.S. in Statistics (Dual Degree), Wuhan University, China 2011 – 2015
Advanced Graduate Certificate in Data and Computational Science, Stony Brook University, NY 2022 – 2024

Research Skills

Statistical Techniques and Modeling: Dynamic structural models, dynamic programming, discrete choice models, panel data methods, causal inference, simulation-based estimation, maximum likelihood, Bayesian updating, data analysis with cross-sectional and panel data.

Programming: Stata, Python, R, MATLAB, L^AT_EX.

Research & Papers

Education Cost and Study Effort in Family Decision-Making Process Considering Mental Health (JMP).
Statistical Characteristics of K6 as an Explanatory Variable in the United States and China, with Steven Stern. Working paper.
Prevalence of Mental Illness and Supply of Medicaid-Funded Services in New York State, with Steven Stern and Hualong Diao. Working paper.

Selected Publications

Analysis on the determinants and peaking paths of CO₂ emissions in China's high energy-consuming industries. Systems Engineering, Mian Yang, **Xin Lu**, Hongbo Duan.
The influence of energy price distortion on Chinese energy efficiency. Mian Yang, **Xin Lu**, Fuxia Yang.

Teaching Experience

Stony Brook University, Instructor

- ECO 360: Introduction to Econometrics (Summer 2026, Summer 2025)

Stony Brook University, Teaching Assistant

- ECO 305: Intermediate Microeconomic Theory (Spring 2025, Fall 2024, Spring 2024, Spring 2023, Fall 2022, Spring 2022, Fall 2021)
- ECO 511 (Ph.D. level): Macroeconomic Theory II (Spring 2021)
- ECO 510 (Ph.D. level): Macroeconomic Theory I (Fall 2020)
- ECO 108: Introduction to Economics (Fall 2023, Spring 2020, Fall 2019)

Wuhan University, Economics and Management School

- Teaching Assistant for Macroeconomics (Sept. 2016 – Jan. 2017)

Honors & Awards

The Third Prize Award, The 3rd Chinese College Student Competition on Energy Economics, 2017.
The First Prize Award, The 2nd Chinese College Student Competition on Energy Economics, 2016.
Merit Student, Wuhan University, 2014.

Additional Information

Languages: English (fluent); Mandarin (native).

Certificates: CFA Level I (passed).

Dissertation Committee

Steven Stern (Advisor), Department of Economics, Stony Brook University
Mark Mon, Department of Economics, Stony Brook University
Sandro Brusco, Department of Economics, Stony Brook University