

Weikai CHEN

Department of Economics
University of Massachusetts, Amherst
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RESEARCH INTERESTS

Political Economy; Mathematical Marxian Economics; Social Network

EDUCATION

Phd in Economics, Umass Amherst, USA, 2020 expected.

Dissertation Title: Three Essays on Inequality in Microeconomics.

M.A. in Economics, Nankai University, China, 2014.

B.S. in Economics, Nankai University, China, 2012.

RESEARCH

Working Paper

- [1] Persistent Exploitation with Intertemporal Reproducible Solution in Pre-industrial Economies, with Naoki Yoshihara, *Umass Amherst Economics Working Paper, 2019-10*.
- [2] Technical Change, Income Distribution and Profitability in Multisector Linear Economies.

Work in Progress

- [1] The Foundation of Empirical Multisectoral Analysis in Political Economy.
- [2] Inequality in Cooperative Games on Networks.

Journal Publication

- [1] The Convergence of Price to Labor Value in the “Double-Channels” Model: A Resolution of the Feng’s Paradox, *Review of Political Economy*, forthcoming. [in Chinese]
- [2] Recent Development of Political Economy Abroad (2018), with Zhixuan Feng, Chenxi Gao and Bangxi Li, *China Review of Political Economy*, forthcoming. [in Chinese]
- [3] Recent Development of Political Economy Abroad (2017), with Zhixuan Feng and Bangxi Li, *China Review of Political Economy*, 2018. [in Chinese]
- [4] Matching Impacts of School Admission Mechanisms: An Agent-Based Approach, with Shu-heng Chen and Connie H. Wang, *The Eastern Economic Journal*, 2016.
- [5] Recent Development of Political Economy Abroad (2016), with Fengyi Liu, *China Review of Political Economy*, 2017. [in Chinese]

- [6] Recent Development of Political Economy Abroad (2015), with Fengyi Liu, *China Review of Political Economy*, 2016. [in Chinese]

Conference Presentation

- *Technical Change, Income Distribution and Profitability in Multisector Linear Economies*, The 67th Annual Conference of the Japan Society of Political Economy (JSPE), Komazawa University, Japan, Oct 19, 2019.
- *Inequality and Evolution of Network Structures*, Analytical Political Economy Workshop, Umass Amherst, Oct 2017.
- *Matching Impacts of School Admission Mechanisms: An Agent-Based Approach*, with Chen, S.-H., & Wang, C. H., Eastern Economic Association 2015 Annual Conference, New York, US.

ACADEMIC EXPERIENCES

- Mathematical and Computational Consultant for Professor Samuel Bowles, **Santa Fe Institute**, 2015 — present.
- Graduate Workshop in Computational Social Science Modeling and Complexity, **Santa Fe Institute**, Summer 2017.
- *YSI Complexity and Economics Workshop*, **Fields Institute**, Toronto, CA, April 2016.
- Exchange Student, Ph.D program, **National Chengchi University**, Taiwan, Fall 2013.

TEACHING

Teaching Fields Political Economy; Microeconomics; Economic Math; Econometrics

- Teaching Instructors for *Intro Micro; Intermediate Micro, Intermediate Macro, Economic Writing*.
- Teaching Assistance for graduate *Microeconomic Theory, Game Theory*
- Instructor for the graduate Math Camp.

HONORS & AWARD

- Dean's/Department Summer Dissertation Fellowship, Umass Amherst, Summer 2019.
- Chairs Summer Research Fellowship, Department of Economics, Umass Amherst, Summer 2018.
- Passed the Comprehensive Exams in Macro and Micro with **Distinction**, Jan 2016.
- University Fellowship, Umass Amherst, Spring 2015.
- Grant for Eastern Economics Association Meetings, Umass Amherst, Spring 2015.
- Graduate Fellowship in the Master Program, Nankai University, 2012 — 2014.
- Nankai University First-class Scholarship, Based on Merit, 2013.

SKILLS

Computer skills: Python, R, MATHEMATICA, NetLogo

Language: English, Chinese

REFERENCES

Naoki Yoshihara

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Samuel Bowles

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