

# Weikai CHEN

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## RESEARCH INTERESTS

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Political Economy; Mathematical Marxian Economics; Social Network

## EDUCATION

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**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

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### 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

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- 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

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**Teaching Fields** Political Economy; Microeconomics; Econmic 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

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- 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

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**Computer skills:** Python, R, MATHEMATICA, NetLogo

**Language:** English, Chinese

## REFERENCES

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**Naoki Yoshihara**

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**Samuel Bowles**

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