

# LIKUN CAO

Department of Sociology

Division of the Social Sciences, The University of Chicago, the United States.

+1 8722120599 | e: lkcao@uchicago.edu

Personal Website: <https://sites.google.com/view/lkcao>

UPDATED JULY 2022

## EDUCATION

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<b>The University of Chicago</b>	Chicago, IL
Ph.D., Sociology	Expected: 2025
• <i>Certificate in Computational Social Sciences</i>	2022
• <i>Certificate in Advanced Quantitative Method</i>	2021
M.A., Sociology	2021
 <b>Tsinghua University</b>	 Beijing, China
M.A., Sociology	2019
B.A., Sociology	2016

## PROFILES

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**Research Interest:** Science, Technology and Innovation; Computational Social Science; Organizational Analysis; Entrepreneurship

**Coding:** Python, R, STATA

**Statistic Software:** SPSS (AMOS), SAS, ArcGIS, Geoda, Eviews

**Other Research Tools:** Mechanical Turk; Zooniverse

**Language:** Chinese (native), English (professional), French (DELF A2)

## PUBLICATIONS

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**Cao, L.** & Ren, J. (2022). Machine learning shows that the covid-19 pandemic is impacting U.S. public companies unequally by changing risk structures. *Plos One*, June 22.

Zheng, L., **Cao, L.**, Ren, J., Li, X., Yin, X., & Chen, J. (2022). How venture capital firms choose syndication partners: the moderating effects of institutional uncertainty and investment preference, *Management and Organization Review*, 18(3), 463-490.

Zheng, L., He, X., **Cao, L.**, & Xu, H. (2018). Making modernity in china: employment and entrepreneurship among the new generation of peasant workers. *International Journal of Japanese Sociology*, 27(1), 26-40.

Luo, J., **Cao, L.**, & Guo, R. (2018). The embeddedness of syndication in Chinese venture capital, *Jiangsu Social Sciences*, 229(4), 85-96. [In Chinese]

## WORKING PAPERS

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**Cao, L.,** Chen, Z., & Evans, J. Novelty and New Venture Success. In Preparation.

**Cao, L.,** Chen, Z., & Evans, J. The Paradox of Innovation Science. [*Title changed for blind review*]

**Cao, L.,** Pan, R., & Evans, J. The Possibilities for Innovation in a Dynamic Space. In Preparation.

**Cao, L.** Rethinking Wide Recombination in Technological Innovations: How does Recombination Dimension Matter in Technological Breakthrough? In Preparation.

## CONFERENCES AND INVITED TALKS

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### Academic Conferences

“Novelty and New Venture Success”

116<sup>th</sup> ASA Annual Meeting (session on Economic Sociology) Aug 2021

7<sup>th</sup> IC2S2 (panel on Social News) Jul 2021

8<sup>th</sup> IC2S2 (panel on economics) Jul 2022

1<sup>st</sup> International Conference on the Science of Science & Innovation (poster) June 2022

“Choice of Co-investment Partners of Chinese Venture Capital Firms”

ICSA Annual Conference of the International Chinese Sociology Association Aug 2018

### Invited Talks

“Modelling Social Contexts and Economic Landscape by Text Analysis”

ProQuest’s 3<sup>rd</sup> Annual Fall Faculty Webinar Oct 2021

## FELLOWSHIP, AWARDS AND HONORS

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### The University of Chicago

- IHS Hayek Fund for Scholars Grant 2022
- UChicago Graduate Council Research & Personal Development Fund 2022
- Wing C. Chan and Angelina H. Li Pre-Dissertation Research Grant 2022
- UChicago Graduate Fellowship for Ph.D. students 2019

### Tsinghua University

- Chinese National Scholarship for Graduate Students 2018
- Tsinghua-Qingdao Data Science Institute Research Grant 2018
- Tsinghua Comprehensive Excellence Scholarship 2016

## TEACHING EXPERIENCE

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The University of Chicago (Teaching Assistant) 2020-2022

*Thinking with Deep Learning for Complex Social and Cultural Data Analysis, Statistical Methods of Research*

Tsinghua University (Teaching Assistant) 2016-2019

Sociology Department: *Social Network Analysis, Big Data Analytics, Financial Sociology*

Schwarzman College: *China’s Rise in Comparative Perspective*

## OTHER TRAINING

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### Summer School/Workshop/Reading Camp

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| Santa Fe Institute Graduate Workshop in Computational Social Science (GWCSS)   | 2022 |
| <i>Santa Fe Institute, New Mexico</i>  |      |
| <i>Simulation project: <a href="http://jhmsfi.com/econ/homework20/4/index.html">http://jhmsfi.com/econ/homework20/4/index.html</a></i> |      |
| Swarma-Kaifeng Foundation Reading Camp for Complex System  | 2020 |
| <i>Virtual session</i>   |      |
| Workshop on Artificial and Computational Social Sciences   | 2017 |
| <i>Sun Yat-sen University (School of Sociology and Anthropology)</i>   |      |

### Online Courses and Tutorials

- Coursera: *Applied Data Science with Python Specialization, Deep Learning Specialization*  
Complexity Explorer: *Introduction to Complexity, Introduction to Renormalization*

## PROFESSIONAL SERVICES

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### Academic Translator and proofreader

*Social Science Academic Press, Beijing*

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|---|---------|
| • Social Network Analysis: Methods and Examples (Sage)                    | 2019    |
| • The Sense of Dissonance: Accounts of Worth in Economic Life (Princeton) | Ongoing |

### Editorial Work

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| • American Journal of Sociology Manuscript Board Member | 2021-2022 |
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### Reviewer

*Journal*

- American Journal of Sociology (occasional)

*Conference*

- AOM Annual Meeting (2022), SMS Annual Conference (2022), IC2S2 (2022)

### Workshop/Conference Organizer

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| • IC2S2 program committee member           | 2022 |
| • UChicago SSD B.A. thesis award committee | 2022 |