

# LI, YUJIE

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## ACADEMIC APPOINTMENT

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**The Chinese University of Hong Kong, Shenzhen**

*March 2026 – Present*

Assistant Professor (Tenure-Track)

Division of Computational Social Science, School of Humanities and Social Science

## EDUCATION

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**The Chinese University of Hong Kong**

*August 2021 – January 2026*

Ph.D. in Sociology

Dissertation: Three Essays on the Dynamics of Status in the Korean Hip-Hop Music Market

Committee: Hai Liang (Chair), Jaemin Lee (Supervisor), Hong Wing Tam (Co-Supervisor), Siqi

Han, Yucheng Liang

**The Hong Kong University of Science and Technology**

*September 2020 – May 2021*

M.Sc. in Big Data Technology

**Sun Yat-sen University**

*August 2016 – June 2020*

B.Eng. in Intelligence Science and Technology

Minor in Politics and Administration

## RESEARCH INTERESTS

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Computational Social Science; Social Networks; Status and Inequality; Cultural Markets; Online Political Communication; Computational Measurement

## PUBLICATIONS

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\* Equal contribution. † Corresponding author.

### *Refereed Journal Articles*

1. Ling Zhu, Ji Cao, Ruihui Tian, **Yujie Li**, Xiaoqian Yue, Donghang Qi, and Hai Liang. 2026. “Comparing Modularity Scores across Different Social Networks: Cautions, Illustrations, and Suggestions.” *Sociological Methodology*. [link](#)
2. Jaemin Lee\*, and **Yujie Li**\*. 2026. “A Machine Learning Approach to Preferential Attachment and Status Advantage in a Hip-Hop Collaboration Network.” *Sociological Methods & Research*. [link](#)
3. Jaemin Lee\*, and **Yujie Li**\*. 2026. “Activity Constraints as a Mechanism for Non-Scale-Free Social Networks: Evidence from Hip-Hop and Academic Collaboration.” *PLOS ONE*. [link](#)

### *Peer-Reviewed Conference Proceedings*

1. Jaemin Lee, and **Yujie Li**. 2025. “Activity Constraints as a Mechanism for Non-Scale-Free Social Networks.” Pp. 305–315 in *Complex Networks & Their Applications XIII*, edited by H. Cherifi, M. Donduran, L. M. Rocha, C. Cherifi, and O. Varol. Cham: Springer Nature Switzerland. [link](#)

## *Working Papers*

1. Kuo Lin, Xiangcheng Meng, and **Yujie Li**<sup>†</sup>. “From Broadcasting to Debating: Political Events and the Transformation of Online Discussion Structures.”
2. Tangying Chen, Kuo Lin, and **Yujie Li**<sup>†</sup>. “Preserving Structure, Pruning Content: A Structural Audit of Platform Governance in Online Discussion Trees.”
3. Kuo Lin, Tangying Chen, and **Yujie Li**<sup>†</sup>. “Two Paradigms for LLM-Based Public Opinion Imputation: Internal Conditioning and External Matching.”
4. **Yujie Li**<sup>†</sup>. “Diffusion of Ideas in Social Networks: An Analysis of Korean Hip-Hop Artists’ Collaboration Networks.”

## SELECTED PRESENTATIONS

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### Invited Talks

- **Yujie Li**. “Subjective Well-Being of Contemporary Chinese Residents.” Workshop on Social Governance in the New Era, Shenzhen, China. January 2026.
- Jaemin Lee and **Yujie Li**. “A Machine Learning Approach to Preferential Attachment and Status Advantage.” AI and Data for Social Good, Yonsei University. May 2024.

### Conference Presentations

- Jaemin Lee and **Yujie Li**. “Activity Constraints as a Mechanism for Non-Scale-Free Social Networks.” Complex Networks and Their Applications, Istanbul, Turkey. December 2024.
- Jaemin Lee and **Yujie Li**. “A Machine Learning Approach to Preferential Attachment and Status Advantage.” INSNA Sunbelt Social Networks Conference, Edinburgh, United Kingdom. June 2024.
- **Yujie Li** and Xiaoqian Yue. “The Network Structure of Occupations: Fragmentation, Differentiation, and Contagion: Replication and Extension.” Joint Workshop on Computational Social Science, The Chinese University of Hong Kong, University of Southampton, and Yonsei University, Shatin, Hong Kong SAR. June 2023.

## TEACHING EXPERIENCE

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### Instructor

- Introduction to Statistical Learning, The Chinese University of Hong Kong, Shenzhen. Spring 2026.

### Teaching Assistant

- Quantitative Data Analysis, The Chinese University of Hong Kong. Fall 2021, Spring 2024.
- Digital Sociology, The Chinese University of Hong Kong. Spring 2022, Fall 2023.
- Social Networks and Social Capital, The Chinese University of Hong Kong. Fall 2022.
- Social Statistics, The Chinese University of Hong Kong. Spring 2023, Spring 2025.

- The Hong Kong Story, The Chinese University of Hong Kong. Fall 2024.
- Summer Institute in Computational Social Science, Shatin, Hong Kong SAR. Summer 2022.

## GRANTS AND AWARDS

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- University Development Fund, The Chinese University of Hong Kong, Shenzhen, 2026–2029. RMB 720,000. Principal Investigator.

## TECHNICAL SKILLS

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<b>Programming</b>	Python, R, C/C++, C#, $\text{\LaTeX}$
<b>Languages</b>	Mandarin (Native), English (Fluent)