

August 2023

**JAEMIN LEE**  
*Curriculum Vitae*

RM 418, Sino Building  
The Chinese University of Hong Kong  
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**Employment**

- 2020 – present    **Assistant Professor**  
Department of Sociology  
The Chinese University of Hong Kong
- 2018 – 2020    **Postdoctoral Research Associate**  
Network Science Institute & D’Amore-McKim School of Business  
Northeastern University

**Education**

- 2018            Ph.D. in Sociology, Duke University  
Dissertation: “Structural Constraints in Intergroup Relations: A Contextual Approach to Polarization and Conflict in Social Networks”  
Winner, *Outstanding Dissertation-in-Progress Award*, Mathematical Sociology Section, American Sociological Association
- 2012            M.A. in Sociology, Yonsei University
- 2009            B.A. in Sociology, Yonsei University  
with *Honors*, minor in Economics

**Research Interests**

Computational Social Science, Social Networks, Political Sociology, Mathematical Sociology, Management Science

**Distinctions**

- 2019            APSA Political Communication Paul Lazarsfeld Best Paper Award (co-author)
- 2017            ASA Mathematical Sociology Outstanding Dissertation-in-Progress Award
- 2013            The Korean Honor Scholarship
- 2012 – 2014    Fulbright Graduate Study Scholarship
- 2006, 2008    Yonsei University High Honors

**Publications**

- Lee, Jaemin** and Mudit Kumar Singh. 2023. “Expansion , Cohesion and Diversity: The Network Advantages of Microfinance Groups in Indian Villages.” *Journal of International Development* (online first):1–28. <https://doi.org/10.1002/jid.3828>
- Singh, Mudit Kumar and **Jaemin Lee**. 2020. “Social Inequality and Access to Social Capital in Microfinance Interventions” *Journal of Sociology and Social Policy*. 40(7): 575-588. <https://doi.org/10.1108/IJSSP-01-2020-0024>

Trinh, Sarah L., **Jaemin Lee**, Carolyn T. Halpern, and James Moody. 2019. "Our Buddies, Ourselves: Exploring the Role of Sexual Homophily in Adolescent Friendship Networks." *Child Development*. 90(1): e132-e147. <https://doi.org/10.1111/cdev.13052>

Bail, Christopher, Lisa Argyle, Taylor Brown, John Bumpuss, Haohan Chen, M.B. Fallin Hunzaker, **Jaemin Lee**, Marcus Mann, Friedolin Merhout, and Alexander Volfovsky. 2018. "Exposure to Opposing Views on Social Media Can Increase Political Polarization." *Proceedings of the National Academy of Sciences*. 155(37): 9216-9221. <https://doi.org/10.1073/pnas.1804840115>

**Lee, Jaemin** and Jeong-han Kang. 2011. "Mapping Knowledge Domains: The Structure of Knowledge Production and the Status of Theory in Korean Sociology 2004-2010." (In Korean) *Society and Theory*. 19(1): 89-144. <http://www.dbpia.co.kr/Journal/articleDetail?nodeId=NODE02248730>

### Working Papers

**Lee, Jaemin**. "Social Consolidation, Spatial Clustering, and Opinion Polarization." SocArXiv. <https://osf.io/8esa2/download>

**Lee, Jaemin**, David Lazer, and Christoph Riedl. 2022. "Complex Contagion in Viral Marketing: Causal Evidence and Embeddedness Effects from a Country-Scale Field Experiment." SSRN Working paper. <https://dx.doi.org/10.2139/ssrn.4092057>

### Research Grants

PI. **Hong Kong Research Grants Council – Early Career Scheme**. HK\$956,400. 01/09/2022 – 31/08/2025. "Can Exposure to Bipartisan Views of the Opposing Party Reduce Partisan Animus among Social Media Users?" (UGC 24612422)

PI. **Teaching Development and Language Enhancement Grant (TDLEG)**. HK\$442,875. 01/01/2023 – 01/10/2024. "CUHK CT-CITY – A New Metaverse Space for Computational Thinking." (4171024)

PI. **Direct Grants, Research Committee of CUHK**. HK\$36,000. 01/06/2021 – 05/31/2023. "Geographic Polarization and Its Social Constraints and Relational Consequences in the United States" (178754025).

PI. **CUHK New Faculties Funding Scheme**. HK\$644,400. 09/07/2020 – 15/06/2023. "Computational Approaches to Social Networks and Group Dynamics" (172330410)

### Selected Presentations

Lee, Jaemin. "Computationally Revealing Network Effects: Applications to Product Diffusion and Political Polarization"

- Invited Presentation, Webinar of Computational Social Science Laboratory@CUHK, 7/4/2021

Lee, Jaemin, David Lazer, and Christoph Riedl. "Complex Contagion in Viral Marketing: Causal Evidence and Embeddedness Effects from a Country-Scale Field Experiment."

- ASA Annual Meeting, Los Angeles, CA. 6/8/2022.
- NETWORKS 2021. Online. 10/7/2022.

Lee, Jaemin. "A Consolidation Model of Political Polarization."

- ASA Annual Meeting, New York, NY. 8/10/2019
- Preconference on Politics and Computational Social Science, Northeastern University. 8/29/2018.
- DNAC Seminar Series (Invited), Duke University. 4/2/2018.

Lee, Jaemin, Jonathan H. Morgan, and James Moody. "Race or Status? The Implications of Crowd Structures on Within- and Between-Race Social Relationships."

- INSNA Sunbelt Social Networks Conference, Montreal, Canada. 6/20/2019.

Lee, Jaemin, Sarah L. Trinh, Carolyn T. Halpern, and James Moody. "Influence and Selection in Adolescent Sexual Experiences: Modeling Differential Homophily By Same- and Cross-Gender Friendships."

- INSNA Sunbelt Social Networks Conference, Newport Beach, CA. 4/8/2016.

## Teaching

### *Courses*

- Quantitative Analysis of Sociological Data (SOC333), Duke
- Social Networks and Social Capital (SOC13102), CUHK
- Quantitative Data Analysis (SOC13229), CUHK
- Digital Sociology (SOC13238), CUHK
- Youth Problem in Modern Society (UGEC2703), CUHK

### *Workshops*

- Social Networks and Health Workshop by DNAC (lab instructor, 2016, 2018)
- 3-day intro workshops on computational social science, CUHK (instructor, 2020)
- The Summer Institutes of Computational Social Science at Hong Kong (co-organizer, 2021, 2022)

## Professional Services

2020, *Member*, Award Committee on Outstanding Dissertation-in-Progress in Mathematical

2022, *Sociology*, American Sociological Association

2023

2021 *Chair*, Computational Social Science Session of the *Networks 2021* Conference, International Network for Social Network Analysis (INSNA)

2023 *Convenor*, Organizing Committee, The 2023 Joint Workshop on Computational Social Science at CUHK

## University Services

2020- *Member*, Research Committee - Department of Sociology, CUHK

2021- *Co-theme leader*, Computational Social Science Laboratory, CUHK

2021- *Member*, Admissions Committee, Department of Sociology, CUHK

*Member*, Scholarships & Awards Committee, Department of Sociology, CUHK

Academic Advisor Level I (Undergraduates), Department of Sociology, CUHK

2023- *Elected Member*, Faculty Board of Social Science, CUHK

2025

## **Mentorship**

*Co-supervision for PhD Student (primary mentorship)*  
2021 - present Yujie Li, Department of Sociology, CUHK  
2022 - present Xiaoqian Yue, Department of Sociology, CUHK  
2023 - present Qiang Tan, CSSPFS Fellow, Department of Sociology, CUHK  
2023 - present Dominic Amstutz, HKPFS Fellow, Department of Sociology, CUHK

*Dissertation Committee Member*  
2021 - present Wenyu Li, Department of Geography and Resource Management, CUHK  
2020 - 2021 Francisco Olivos, Department of Sociology, CUHK  
2022 - present Raphael Duerr, Department of Sociology, CUHK

2021 *2<sup>nd</sup> Reader of PhD Qualifying Exam*  
Yaxin Lan, Department of Sociology, CUHK  
2022 Ji Cao, Department of Sociology, CUHK

## **Reviewer**

*Social Science Research, Sociological Methods and Research, Journal of Mathematical Sociology, Network Science, Mobilization: an International Quarterly, Journal of Social Structure, The Journal of Social Science, PlosOne*