

CANHUI LIU

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ACADEMIC POSITIONS

University College London, UK

Lecturer (teaching) in Responsible AI 2026.01 -
Department of Computer Science

Research Fellow in AI Policy
The UCL Centre for Artificial Intelligence 2024.08 -

The AI Hub in Generative Models, UK

Co-PI of Responsible AI Group 2025.4 -

RESEARCH INTERESTS

Sociology of AI, Digital Culture and Society, Computational Social Science, STS

EDUCATION

Ph.D. in Sociology	University of Cambridge	2020 - 2025
M.Phil. in Public Policy	The Hong Kong University of Science and Technology	2019
B. A. in Sociology	Sun Yat-sen University	2017

SELECTED PUBLICATIONS

Peer-Review Paper

1. **Canhui LIU**, 2026, “The Sociology of AI As An Emerging Field: Mapping Tensions and Boundaries”, *Sociology Compass* (DOI: 10.1111/soc4.70201)
2. **Canhui LIU**, Chuncheng LIU, 2026, “Making Data-driven Governance by Driving Humans”. *Science, Technology, & Human Values* (conditionally accept)
3. Duan, J. et al. (2026), “Embodied Intelligence Security with Vision-Language Models: A Survey” *Machine Intelligence Research* (DOI: 10.1007/s11633-025-1626-x)
4. Duan, J. et al. (2026), “SDD: Multi-Teacher Self-Distillation for Scalable Deepfake Detection”. *IEEE Transactions on Biometrics, Behavior, and Identity Science*
5. **Canhui Liu**, Jack Stilgoe, Cian O'Donovan, 2025 “The Public Value in AI Safety Research”, *UK AI Research Symposium Proceeding*
6. **Canhui LIU**, 2026, *Time Without Death: Finitude, Social Order, and What Machines Lack*, arxiv

Work in Progress

1. **Canhui Liu**, Michael Telespher, 2026, “Emergence of Trust in Multi-Agent Systems”, *IEEE Transactions on Computational Social Systems*

Policy Report

2022 “Country Accountability Report Series of Climate Change Action: China, US, India, Brazil” is published at the Sharm el-Sheikh Climate Change Conference (COP 27), Egypt, 2022

Op-eds

“From Human Networks to Human–Machine Networks: How AI is Reshaping Social Structure”, 2025/12, *Institute for Future of Work Blog*

TEACHING EXPERIENCE

Module Lead and Postgraduate Supervisor

University College London
MSc in AI for Sustainable Development 2026.01-

Undergraduate Supervisor

University of Cambridge	2021-2022
Guest Lecturer	
The Hong Kong University of Science and Technology	
National Innovation System (for MA/PhD Course – Innovation, Policy and Entrepreneurship)	2021/2022
Teaching Assistant	
The Hong Kong University of Science and Technology	
Quantitative Analysis and Empirical Methods	2017-2018
Computational Social Science	2017

▪ EDUCATIONAL LEADERSHIP AND INTERNATIONAL PARTNERSHIPS

International AI Literacy Assessment and Capacity Building Initiative

Programme Lead

- Lead development of AI literacy education frameworks in collaboration with the UK Department for Business and Trade
- Design educational materials and assessment frameworks for policymakers, educators and industry professionals
- Coordinate partnerships with educational stakeholders in the United Arab Emirates, Kuwait and China
- Develop interdisciplinary approaches to digital literacy, AI governance and public understanding of emerging technologies

GRANT APPLICATION

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| 1. PI – UCL iDAT AI Literacy Project Fund by iDAT - £10,000 | 2026 – 2027 |
| 2. Team Member - UKRI Metascience Fund by UKRI | |
| Public values in AI research - £300,000 (PI - Jack Stilgoe, UCL) | 2025-2027 |

PROFESSIONAL AFFILIATIONS

Institute for Future of Work

Research Fellow 2025.01-

- Work on labour transformation, the influences of AI on work flows in the UK

Climate Change Advisory Group

Research Assistant 2022-2023

- Assisted for the former UK Government's Chief Scientific Advisor Sir David King
- Contributed to international policy work on climate action and social accountability

Associate Editor

Chinese Sociological Review 2025.2 - 12

HONORS AND AWARDS

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|---|-----------|
| 1. Cambridge Silver Street Scholarship (<i>4 winners per year</i>), Cambridge Union | 2022 |
| 2. Cambridge Political Economy Society Scholarship (<i>2 winners per year</i>), University of Cambridge | 2022 |
| 3. Universities China Committee in London Funding (<i>4 winners per year</i>), UCCL | 2022 |
| 4. Postgraduate Studentship, HKUST (1 winner per year) | 2017-2019 |
| 5. National Encouragement Scholarship (1/60), Ministry of Education of China | 2014-2017 |
| 6. First Prize of Excellent Undergraduate (1/60), Sun Yat-sen University | 2015-2017 |
| 7. He Zhaofa Memorial Prize for excellent academic ability, Sun Yat-sen University | 2017 |

SKILLS

Quantitative Method: Stata, R, Python

Computational Social Science: Social Network Analysis, Agent-based Modelling, Computational Textual Analysis