

# Qixin Cai

Renmin University of China (RUC)  
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University of Pennsylvania (Penn)  
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## EDUCATION

### Renmin University of China, Beijing, China

- Ph.D. Candidate in Social Welfare Sep 2020 – Present
  - Thesis: Intergenerational Reciprocity, Old-age Poverty, and Subjective Well-being
  - Supervisors: Prof. Emily Hannum (Penn) and Prof. Yanfen Huang (RUC)
  - Focus: Population Aging, Family Intergenerational Relations, Social Welfare, LMICs.

### University of Pennsylvania, Philadelphia, PA, USA

- China Scholar Council Funded Joint Ph.D. Student in Sociology and Demography
- Visiting Ph.D. Student at Population Studies Center Dec 2022 – Jan 2024
  - Supervisor: Prof. Emily Hannum

### Korea Statistics Promotion Institute (KSPI), Seoul, South Korea

- The 11th KOSTAT-UNFPA Summer Seminar on Population Jul 2024 – Jul 2024

### Venice International University, Venice, Italy

- Summer Institute on Ageing: The Value of Longitudinal Data to Study Ageing Jun 2024 – Jun 2024

### The University of Chicago, Chicago, IL, USA

- Professional Training in Data & Measurement on Aging
- Collaborative for Innovation in Data and Measurement on Aging Network Sep 2023 – Sep 2023

### University of Lausanne, Lausanne, Switzerland

- Swiss Asian Summer School (SASS) in Public Management 2023
- Swiss Graduate School of Public Administration Jun 2023 – Jul 2023

### Fudan University, Shanghai, China

- Fudan FIST Project (Frontier Courses for International Organizations) Sep 2020 – Nov 2020

### University of Macau, Macao SAR, China

- M.P.A. in Social Welfare Aug 2017 – Jan 2020

### Nanjing University, Nanjing, China

- Pre-doctoral Summer School in Public Management Jul 2019 – Jul 2019

### Xi'an Jiaotong University, Xi'an, China

- Pre-doctoral Summer School in Public Management Jul 2019 – Jul 2019

### Shanghai Jiao Tong University, Shanghai, China

- Pre-doctoral Summer School in Public Management May 2019 – Jun 2019

### Fudan University, Shanghai, China

- China Institutional System Knowledge Workshop Aug 2018 – Aug 2018

### East China University of Science and Technology, Shanghai, China

- Graduate Student Summer School in Sociology of Poverty Jul 2018 – Jul 2018

### Nankai University, Tianjin, China

- Pre-doctoral Summer School in Public Administration and Political Science Jul 2018 – Jul 2018

## RESEARCH INTERESTS

- Field of Study:** Demography, Sociology, Social Policy, Social Welfare
- Specialization:** Population Aging, Income, Poverty and Welfare, Longitudinal Data in Aging
- Regional focus:** Low- and Middle-Income Countries (LMICs)
- Teaching Areas:** Aging China; Social Policy and Social Care for an Aging Society

## RESEARCH & TEACHING EXPERIENCE

### University of Pennsylvania, Population Aging Research Center (PARC)

- Research Fellow Mar 2024 –

### Renmin University of China, National Academy of Development and Strategy (NADS)

- Research Assistant Aug 2022 – Aug 2023
  - Project: Business Environment Monitoring of Export-oriented Enterprises in Guangdong Province
  - Supervisor: Prof. Liang Ma (Renmin University)
  - Coordinated project administration, conducted comprehensive literature reviews, performed detailed data analysis, and authored impactful reports; contributed to the project's successful completion.

**Renmin University of China, School of Applied Economics**

- Teaching Assistant for Intermediate Microeconomics for Undergraduate Sep 2021 – Jan 2022

**University of Macau, Department of Government and Public Administration**

- Project Research Fellow Jun 2020 – Feb 2021

**University of Macau, Centre for Chinese History and Culture**

- Research Assistant Sep 2018 – May 2019

**University of Macau, Department of Government and Public Administration**

- Project Research Assistant Mar 2018 – Oct 2019

**University of Macau, Department of Government and Public Administration**

- Teaching Assistant for Public Sector Organizational Behavior, Public Sector Personnel Management, Understanding Government Sep 2017 – May 2018

**FUNDED  
RESEARCH  
PROJECTS**

**PI**

- [1] PhD Research Project: Intergenerational Reciprocity, Old-age Poverty, and Subjective Well-being From and Beyond the Perspective of Family Structure Heterogeneity, China Scholarship Council (202206360122), Expected completion date: Jun 2025
- [2] The Impact of Parental Migration on the Health of School-Aged Left-behind Children, Fundamental Research Funds for the Central Universities, and the Research Funds of Renmin University of China (20,000RMB), Expected completion date: Dec 2024

**CO-PI**

- [3] Business Environment Monitoring of Export-oriented Enterprises in Guangdong Province, China Council for Promotion of International Trade Guangdong Committee, Guangzhou, China (280,000 RMB), Completion date: Aug 2023
- [4] The Review Report of Social Security Fund's Non-Mandatory Central Provident Fund System, Social Security Fund, Macao SAR Government (408,000 MOP), Completion date: Dec 2020
- [5] The Study of the Long-Term Adjustment Mechanism for the Benefit Amount of Pension Benefit of Social Security Fund of Macao SAR Government, Social Security Fund, Macao SAR Government (408,000 MOP), Completion date: Dec 2019
- [6] An Empirical Study of the Development of Social Security Fund, Macao SAR Government, Social Security Fund, Macao SAR Government (20,000 MOP), Completion date: Dec 2018

**PUBLICATIONS**

**JOURNALS**

- [1] Pang PC-I and **Cai Q**, Jiang W, Chan KS, "Engagement of Government Social Media on Facebook during the COVID-19 Pandemic in Macao," *International Journal of Environmental Research and Public Health*, vol. 18, no. 7, pp. 3508, Mar 2021.

**WORKING PAPERS**

- [1] **Cai Q** and Pang PC-I, Chan KS, Huang J\*, "Proposing a conceptual model for governing big data for nationwide-coordinated social security system in China," *Manuscript for Government Information Quarterly*, Jul 2024.
- [2] **Cai Q** and Chan KS, Ma L\*, "Special work team in Chinese public sectors: a new style deliberative and coordination agency in the post-NPM era," *Manuscript for International Journal of Public Sector Management*, Jul 2024.
- [3] Cui D and **Cai Q**, "Online social network reshaping and social capital reproduction: Social media, users and their interaction mechanism—A case study based on WeChat Moments (in Chinese)," *Manuscript for Journal of Management World*, Jul 2024.
- [4] **Cai Q** and Chan KS, Pang PC-I\*, "The Narrative Behavior of Media on Macau's Economic Diversification Policy Across Three Languages," *Manuscript for Policy Studies Journal*, Jul 2024.
- [5] **Cai Q** and Chan KS, Hannum E\*, "Temporal Windows and Trauma of Time: Examining the Long-Term Mental Health Impact of Childhood Father Absence Experience," *Manuscript for Journal of Affective Disorders*, Jul 2024.

- [6] **Cai Q** and Chan KS, Cai C, Jiang WL, Zhu X\*, Leou C\*, “Parental Migration and Health Outcomes of Chinese School-aged Left-behind Children: perspective from family structure heterogeneity,” *Manuscript for Children and Youth Services Review*, Jul 2024.
- [7] **Cai Q** and Chao WO, Chan KS, Pang PC-I\*, “Governing the Ungovernable Expectations: Examining the Role of Social Media Citizen Engagement in Urban Planning Outcomes in Macao’s Urban Master Plan 2020-2040,” *Manuscript for Urban Studies*, Jul 2024.
- [8] **Cai Q** and Chan KS, Hannum E\*, “Intergenerational Reciprocity, Old-age Poverty Risks, and Subjective Well-being from the Perspective of Intergenerational Family Solidarity: Findings from India,” *Manuscript for Journal of Happiness Studies*, Jul 2024.
- [9] **Cai Q** and Chan KS, Huang Y\*, “Pie or Trap? Social Security System Reform, Welfare Dependence and Individual Responsibility: Evidence from China (in Chinese),” *Manuscript for China Industrial Economy*, Jul 2024.

#### BOOK CHAPTERS & TRANSLATIONS

- [1] Yang Y and **Cai Q**, “China’s Basic Public Service Accessibility Report (2021)(in Chinese),” *Ling K. (Eds), Blue Book of Accessible Environment: Report on The Development of Accessible Environment in China (2021), Social Sciences Literature Press*, Dec 2021.
- [2] Chow N.W.S and **Cai Q**, “Future Development Direction of Hong Kong Social Security System (in Chinese)” *Chan KS et al. (Eds), Greater Bay Area and the Development of Social Security System in Macau, Beijing: Economic Management Publishing House*, May 2021.
- [3] Chan KS and Zhao S, **Cai Q**, “The Development of Pension Big Data Platform in Guangdong-Hong Kong-Macau Great Bay Area (in Chinese)” *Chan KS et al. (Eds), Macao SAR and Jiangmen: Cooperation, Sharing, and Development, Beijing: Economic Management Publishing House*, May 2021.
- [4] Kim K.H. and **Cai Q (Translator)**, “A Quantitative Analysis of Sinitic Influence in Sinosphere-Based on Sinicization Index (in Chinese)” *The Journal of Study on Languages and Culture of Korea and China*, vol. 54, pp. 119-134, Mar 2019.

#### DISSERTATION

- [1] **Cai Q**, “A Study of the Reform of Old-Age Pension of Social Security Fund of Macau SAR Government,” *Faculty of Social Sciences, University of Macau*, Dec 2019.

#### CONFERENCE PAPERS

- [1] **Cai Q**, “Does Family Structure Matter? Intergenerational Reciprocity, Old-age Poverty Risks, and Their Implications for Subjective Well-being: Evidence from an Indian National Representative Survey,” in *Annual SIGMA Research Symposium 2024 & 20th International Conference on Pensions, Insurance and Savings*, Renmin University of China, Beijing, China May 2024.
- [2] **Cai Q**, “Temporal Windows and Trauma of Time: Examining the Long-Term Mental Health Impact of Childhood Father Absence Experience,” in *Population Association of Singapore 2024 Annual Meeting*, National University of Singapore, Singapore May 2024.
- [3] **Cai Q** and Zanwar PP, “Intergenerational Reciprocity and Old-age Poverty Risks - from the Perspective of Intergenerational Family Solidarity: Evidence from three middle-income countries -(Poster Presentation),” in *Population Association of America (PAA) 2024 Annual Meeting*, Columbus, Ohio, USA, Apr 2024.
- [4] **Cai Q**, “Rethinking Public Value Theory in the Chinese Context and its Application: Research Trends and Future Agenda,” in *International Research Society in Public Management (IRSPM) 2023 Conference*, Budapest, Hungary, Apr 2023.
- [5] **Cai Q**, “Parental Migration and Health Outcomes of School-Aged Left-behind Children: Evidence from China,” in *Annual Conference of Association for Public Policy Analysis and Management (APPAM) 2022 Fall Research Conference*, Washington DC, USA Nov 2022.
- [6] **Cai Q**, “Proposing a conceptual model for governing big data for nationwide-coordinated social security system in China,” in *ARNOVA’s 51st Annual Conference*, Raleigh, NC, USA Nov 2022.
- [7] **Cai Q**, “A Study of Old-Age Pension of Macao SAR Government under the perspective of NPM,” in *East Asia Forum on Social Welfare and the 11th Annual Conference of Chinese Academic Association of Social Welfare (Sun Yat-sen University)*, Guangzhou, China, Nov 2019.

## AWARDS & SCHOLARSHIPS

- The 11th KOSTAT-UNFPA Summer Seminar on Population Graduate Student Scholarship, Korea Statistics Promotion Institute (KSPI) Jul 2024
- Summer Institute on Ageing Scholarship, Venice International University Jun 2024
- CIDMA Institute Travel Stipend, The University of Chicago Sep 2023
- China Scholarship Council Full Scholarship, China Scholarship Council

For Supporting Joint Ph.D. Studies at University of Pennsylvania

- Excellent Ph.D. Student Paper Award, Renmin University of China 2022 – 2024  
Apr 2022
- “Expectation Management Matters: Examining Its Role in Citizen Engagement in Urban Planning”, 1st PhD Student Research Paper Workshop, School of Public Administration and Policy, Renmin University of China
- First-class Academic Scholarship for Ph.D. Students, Renmin University of China 2021 – 2022
- Graduate Student Teaching & Research Scholarship, University of Macau 2017 – 2020
- Outstanding Pre-doctoral Student, Xi'an Jiaotong University Jul 2019  
Public Administration Summer Camp 2019
- First Prize, Sun Yat-sen University  
“Pension Big Data Platform for Pan-Pearl River Delta”, Guangdong-Hong Kong-Macau Great Bay Area IT System Development Competition 2019, School of Electronics and Information Engineering & School of Data Science and Computer, Sun Yat-sen University, Guangdong Institute of High-Performance Computing, etc. Jun 2019
- Outstanding Pre-doctoral Student, Nankai University Jul 2018  
“Chinese Government Development” Graduate Summer School, Zhou Enlai School of Government
- Outstanding Student, East China University of Science and Technology Jul 2018  
Shanghai “Poverty Alleviation: Social Policy and Social Governance” Graduate Summer School, School of Social and Public Administration, East China University of Science and Technology

## PROFESSIONAL AFFILIATIONS & ACTIVITIES

**Population Aging Research Center (PARC), University of Pennsylvania,**  
Philadelphia PA, USA

- Research Fellow 2024 – Present

**Network for Data-Intensive Research on Aging (NDIRA),**  
Minneapolis, MN, USA

- Member 2024 – Present

**Emotional Well-Being & Economic Burden Research Network (EMOT-ECON),**  
Birmingham AL, USA

- Research Affiliate 2024 – Present

**Collaborative for Innovation in Data and Measurement on Aging (CIDMA) Network,**  
**The University of Chicago,**  
Chicago IL, USA

- Research Affiliate 2023 – Present

**Society for Research in Child Development (SRCD),**  
Washington, D.C., USA

- Member 2023 – Present

**Society of Research of Adolescence (SRA),**  
Albany, NY, USA

- Member 2023 – Present

**Association for Public Policy Analysis and Management (APPAM),**  
Washington, D.C., USA

- Student Member 2023 – Present

**UNESCO Inclusive Policy Lab,**  
New York, USA

- IPL Expert 2023 – Present

**Asian Population Association (APA),**  
Nakhon Pathom, Thailand

- Student Member 2022 – Present

	<b>International Union for the Scientific Study of Population (IUSSP),</b> Aubervilliers, France <ul style="list-style-type: none"> <li>▪ Student Member 2022 – Present</li> </ul> <b>China Population Association (CPA),</b> Beijing, China <ul style="list-style-type: none"> <li>▪ Member 2022 – Present</li> </ul> <b>Macau Social Security Association,</b> Macao SAR, China <ul style="list-style-type: none"> <li>▪ Research Fellow 2019 – Present</li> <li>▪ Member 2018 – Present</li> </ul>
<b>PEER REVIEW SERVICES</b>	<b>Peer Reviewer</b> , Journal of Happiness Studies Jul 2024 – Present <b>Peer Reviewer</b> , The Journal of Population Ageing Jun 2024 – Present <b>Peer Reviewer</b> , The Journal of Aging and Social Change Apr 2024 – Present <b>Film Reviewer</b> , American Public Health Association (APHA) 2024 Annual Meeting May 2024 <b>Peer Reviewer</b> , 2024 AOM Annual Meeting Jan 2024 <b>Peer Reviewer</b> , Science of the Total Environment Jun 2023 – Present <b>Peer Reviewer</b> , Journal of Gambling Studies Aug 2020 – Present <b>Peer Reviewer</b> , 13th Conference China Goes Global 2019 Sep 2019
<b>OTHER WORK EXPERIENCE</b>	<b>China Council for Promotion of International Trade Guangdong Committee</b> , Guangzhou, China <ul style="list-style-type: none"> <li>▪ Project Research Assistant</li> <li>▪ Trade Investment Promotion and Development Research Department Aug 2022 – Nov 2022</li> </ul> <b>Standing Committee of Suzhou Municipal People’s Congress</b> , Suzhou, China <ul style="list-style-type: none"> <li>▪ Project Research Fellow, Research Office Jul 2022 – Aug 2022</li> </ul> <b>People’s Government of Yangchenghu Town, Xiangcheng District</b> , Suzhou, China <ul style="list-style-type: none"> <li>▪ Project Research Fellow, Bureau of Social Affairs Jul 2021 – Aug 2021</li> </ul>
<b>LANGUAGES</b>	<ul style="list-style-type: none"> <li>▪ English: Fluent (listening, speaking, reading, writing).</li> <li>▪ Cantonese: Native language.</li> <li>▪ Hakka: Native language.</li> <li>▪ Mandarin Chinese: Fluent (listening, speaking, reading, writing).</li> </ul>
<b>SKILLS</b>	$\text{\LaTeX}$ , $\text{\LaTeX}$ , $\text{\LaTeX}$ , STATA, R, SPSS, Python, Git/GitHub, Microsoft Word, Microsoft Excel, Microsoft PowerPoint, Endnote, Zotero. <ul style="list-style-type: none"> <li>▪ Statistical techniques: <ul style="list-style-type: none"> <li>•Multilevel models (latent growth curves, within-person fluctuation analysis for daily and longitudinal measures, and nesting groups)</li> <li>•Structural equation modeling (exploratory and confirmatory factor analysis, path/mediation analysis, and cross-lagged longitudinal analysis)</li> <li>•Event History Analysis (survival or hazard models),</li> <li>•Actor-Partner Interdependence Model (APIM: dyadic data analysis)</li> <li>•Computational Methods (microsimulation)</li> <li>•Causal Inference (inverse probability weighting, propensity matching, and difference-in-difference models).</li> </ul> </li> </ul>
<b>REFERENCES</b>	<ul style="list-style-type: none"> <li>▪ <b>Professor Emily Hannum</b>  Stanley I. Sheerr Term Professor in the Social Sciences and Professor of Sociology and Education  University of Pennsylvania  1 College Hall, Room 116, University of Pennsylvania, Philadelphia, PA 19104-6377, USA  Email: hannumem@sas.upenn.edu  Phone: +1 (215) 898-7320</li> </ul>

▪ **Professor Yanfen Huang**

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[CV compiled on 2024-08-14]