

JIANG, Shan

CONTACT INFORMATION	Level 5/75 Talavera Road, Macquarie Park, NSW, Australia Homepage: Google Scholar Personal website: shanjiang.info	TEL: +61 (2) 9850 4768 E-mail: shan.jiang@mq.edu.au ORCID: 0000-0003-1015-1278
PROFESSIONAL PROFILE	Health economist specialising in equity-informed economic evaluation, distributional and dynamic distributional cost-effectiveness analysis (DCEA / D-DCEA), the economics of genomics and precision medicine, health technology assessment, and stated-preference methods. My research builds decision tools that assess not only how much health a programme produces, but who benefits, who is missed, and how fairness evolves over time. My background spans international research training, independent health-technology-assessment consulting, public science communication, and policy-facing health economics across China and Australia.	
RESEARCH EXPERTISE	Equity-informed health economic evaluation; distributional and dynamic distributional cost-effectiveness analysis; health technology assessment; decision-analytic and microsimulation modelling; the economics of genomics and precision medicine; cancer screening and hereditary cancer; stated preferences and discrete choice experiments; health inequality measurement; and AI-informed decision-making in health policy.	
EDUCATION	Macquarie University , Sydney, Australia	
	Ph.D. (Candidate), Economics	2024 – present
	- Thesis Topic: <i>Dynamic Methods for Distributional Cost-Effectiveness Analysis</i> - Supervisors: A/Prof Yuanyuan Gu, Ph.D and A/Prof Bonny Parkinson, Ph.D at Macquarie University Centre for the Health Economy (MUCHE)	
	Shanghai Jiao Tong University , Shanghai, China	
	MSc., Economics	2009 – 2012
	- Curriculum: <i>Microeconomics, Macroeconomics, Econometrics, Regulatory Economics, Experimental Economics, Industrial Organization, Monetary Theory</i> - Thesis Topic: “<i>Drug Subsidized Medicine</i>” Phenomenon: Research Based on <i>Principal-Agent Theory</i>	
	Shanghai University , Shanghai, China	
	B.Sc., Management Science and Engineering	2004–2008
	Major GPA: 90/100	
ADDITIONAL TRAINING	Massachusetts Institute of Technology (MIT) , Cambridge, MA, United States	
	Trainee, Discrete Choice Modelling	June 2017
	- Instructor: Prof. Moshe Ben-Akiva - Curriculum: <i>Discrete Choice Modelling incl. Conditional Logit Model, Mixed Logit Model, Hybrid Model, etc.</i>	
	Western Regional Training Center , Vancouver, BC, Canada	
	Research Trainee, Health Service Research	Sep – Dec 2013

- Curriculum: *Discrete Choice Experiment, Choice Modelling, Health Policy, Qualitative Methods*

University of British Columbia, Vancouver, BC, Canada

Postgraduate coursework and research training, Population and Public Health 2012 – 2016

Columbia University, New York, NY, United States

Graduate Exchange Program at Mailman School of Public Health July – Sep 2011

National Taiwan University, Taipei, Taiwan, China

Exchange Graduate Student, Economics Sep 2010 – Jan 2011

- Curriculum: *Health Economics, Stochastic Process, Partial Derivative Equation*

PROFESSIONAL
EXPERIENCE

Macquarie University, Sydney, Australia

Senior Research Assistant February 2024 – present

- Supervisor: A/Prof. Yuanyuan Gu and A/Prof. Bonny Parkinson at MUCHE
- Responsibilities: Supporting multiple health economics research projects, conducting data analysis, contributing to economic evaluations and health policy research, and assisting with manuscript preparation and project management.

Shanghai Health Development Research Center, Shanghai, China

Adjunct Research Fellow April 2025 – present

Health Economist (full-time) 2021 – December 2023

- Supervisor: Dr. Haiyin Wang, Director of Health Technology Assessment Department
- Responsibilities: Health Technology Assessment, Health Equity, Cost-Effectiveness Analysis, Health Policy Evaluation

Independent Health Economics Consultant and Science Communicator, Shanghai, China 2016 – 2021

Independent Health Technology Assessment Consultant

- Scope of service: Health Technology Assessment, Health Policy Evaluation, Systematic Review, Medical Decision Analysis, Infectious Disease Analysis, Health Survey, Health Services Research, Clinical Trial Design

University of British Columbia, Vancouver, BC, Canada

Research and Teaching Assistant 2012 – 2016

China Center for Information Industry Development, Beijing, China

Intern consultant for e-Health and Big data 2012

- Supervisor: Dr. Diansheng Feng, Director of Health Technology Department
- Responsibilities: evaluation of electronic health technologies

Shanghai Jiao Tong University, Shanghai, China

Research assistant, Antai College of Economics and Management 2008 – 2009

- Supervisor: Prof. Qigui Zhu, A/Prof. Cheng Huang
- Responsibilities: literature review, data analysis

PUBLIC ENGAGEMENT AND KNOWLEDGE TRANSLATION	Ventana Broadcast , Shanghai, China Popular-science podcast founder and host 2016 – 2017 - A health-science knowledge-translation podcast on iTunes, Lizhi FM, and iFeng FM - Over 40,000 subscribers and 1,200,000 total views Influencer at Zhihu 2016 – 2017 - Introducing health economics, health technology assessment, epidemiology, and biostatistics to the public 5 spotlight articles (Editor’s choices); over 12,000 subscribers, 5,900 likes, and nearly 8,000 shares
GRANTS, AWARDS, AND FELLOWSHIPS	Brocher Foundation , Geneva, Switzerland • Research Visiting Fellowship (full funding) Mar–Apr 2026 Best Paper of the Year 2024 , selected by <i>Value in Health</i> editorial board 2025 Student of the Year , selected by Australian Institute of Health Innovation (AIHI), Macquarie University 2025 Shanghai Health Development Research Center , Shanghai, China • Co-PI, <i>Health Equity for the Chinese Health Insurance System</i> 2021–2023 China Hospital Development Institute , Shanghai Jiao Tong University, Shanghai, China • Co-PI (external), <i>Patient Preferences for Medical Services in Shanghai</i> 2019–2021
JOURNAL PUBLICATIONS	<i>NOTE: *, first/corresponding authorship. Records listed in reverse chronological order from latest to earliest.</i> - Liyong Lu, Zhao Shi, Shan Jiang, Haipeng Wang, Shunping Li. “Preferences of Women Experiencing Infertility for In Vitro Fertilisation Treatment in China: A Discrete Choice Experiment”. <i>BMJ Public Health</i>. 4(2):e002188, 2026. DOI: 10.1136/bmjph-2024-002188 - Shimeng Liu, Yingyao Chen, Ying Tao, Dai Lian, Shan Jiang, Shunping Li, Yuan-Yuan Gu. “Is Best-Worst Scaling Suitable for Patient Preference Elicitation? A Nationwide Representative Comparison with Discrete Choice Experiments among Patients with Type 2 Diabetes in China”. <i>BMJ Public Health</i>. 4(1):e003571, 2026. DOI: 10.1136/bmjph-2025-003571 - Yawen Jiang, Bingxin Hu, Huiqiao Gu, Wenjie Hu, Shan Jiang, Yuanyuan Gu, Lei Si. “Productivity-adjusted life year loss among the late middle-aged adults in China”. <i>Communications Medicine</i>. 6(1):34, 2026. DOI: 10.1038/s43856-025-01294-8 (IF = 6.3, SJR = 2.098) - Jiaqi Yuan, Shunping Li, Lei Dou, Huanping Xing, Liyong Lu, Shan Jiang. “Treatment Preferences in Type 2 and Type 3 Spinal Muscular Atrophy Adult Patients: Evidence from a Discrete Choice Experiment in China”. <i>The Patient—Patient-Centred Outcomes Research</i>. 2026. DOI: 10.1007/s40271-026-00818-1 (IF = 3.6, SJR = 1.140)

5. Liyong Lu, **Shan Jiang ***, Yuan Wang, Sidong Liu, Jiao Lu, Yuanyuan Gu. “Public Perceptions of Genetic Sequencing in China: Barriers and Drivers of Adoption”. *European Journal of Human Genetics*. 34(6):852–860, 2026.
DOI:10.1038/s41431-026-02109-7. (IF = 5.1, SJR = 1.603)
6. **Shan Jiang ***, Bonny Parkinson, Yuanyuan Gu. “Evaluating Cost Effectiveness And Distributional Impact Of Breast Cancer Screening: A Distributional Cost-Effectiveness Analysis Incorporating Patient Preference”. *International Journal of Technology Assessment in Health Care* [Abstract]. 41(S1):S13-S14, 2025.
DOI: 10.1017/S026646232510086X
7. Yuanyuan Gu, **Shan Jiang**, Shunping Li, Haiyin Wang. “Shall We Pay More For Rare Disease Drugs? Assessing Decision-Makers’ Preferences Using A Sequential Discrete Choice Experiment Approach”. *International Journal of Technology Assessment in Health Care* [Abstract]. 41(S1):S9, 2025.
DOI: 10.1017/S0266462325100779
8. Lidan Wang, Dandan Yu, **Shan Jiang**, Yihui Li, Wang Yao, Jiajia Liu, Han Cheng, Jianguang Xu, Wenhua Xu, Yuanyuan Gu. “What Do Chinese Patients Value in Orthodontic Treatment? A Discrete Choice Experiment”. *BMC Oral Health*. Forthcoming. (IF = 3.9, SJR = 0.874)
9. Marie-Anne Boujaoude, Nancy Devlin, Tim Doran, Jeremiah Hurley, Richard Cookson, Shehzad Ali, Yukiko Asada, Mathias Barra, Xiaoning He, Sindre Horn, **Shan Jiang**, et al. “Strengthening Methods and International Evidence on Health Inequality Aversion”. *Value in Health*. 29(6):981–985, 2026.
DOI: 10.1016/j.jval.2025.11.006 (IF = 6.0, SJR = 1.856)
10. Han Cheng, **Shan Jiang ***, Taoran Liu, Boyang Li, Shanquan Chen, Ao Li, Hao Chen, Haiyin Wang*, Yuanyuan Gu. “How Policymakers Value End-of-Life Treatments for Rare and Common Diseases in China: Evidence from a Contingent Valuation Study.” *Global Health Research and Policy*. 2025.
DOI: 10.1186/s41256-025-00434-w (IF = 4.6, SJR = 1.242)
11. Michael Mackley, Pankaj Agrawal, Sara Ali, Alison Archibald, Belinda Dawson-McClaren, Holly Ellard, Lucinda Freeman, Yuanyuan Gu, Kushani Jayasinghe, **Shan Jiang**, et al. “Genomic sequencing technologies for rare disease in mainstream medicine: the current state of implementation.” *European Journal of Human Genetics*. 33:1402–1413, 2025.
DOI: 10.1038/s41431-025-01925-7 (IF = 5.1, SJR = 1.603, **Invited by journal Chief-Editor** to author this article with world-leading experts in this field)
12. **Shan Jiang ***, Boyang Li, Bonny Parkinson, Shunping Li, Yuanyuan Gu. “Aggregate Distributional Cost-Effectiveness Analysis: A Novel Tool for Health Economic Evaluation to Inform Resource Allocation.” *Global Health Research and Policy*. 2025.
DOI: 10.1186/s41256-025-00415-z (IF = 4.6, SJR = 1.242)
13. Dai Lian, Yi Yang, Yuling Gan, Dunming Xiao, Yuliang Xiang, **Shan Jiang**, Yuanyuan Gu, Yingyao Chen. “Cost-effectiveness of toripalimab plus chemotherapy versus chemotherapy as first-line treatment for advanced non-small cell lung cancer in China: a societal perspective.” *Expert Review of Pharmacoeconomics & Outcomes Research*. 2025.
DOI: 10.1080/14737167.2025.2451748 (IF = 2.8, SJR = 0.595)
14. **Shan Jiang ***, Haiyin Wang, Zhuo Chen, Xiao Zang, Yawen Jiang, Zhongliang Zhou, Yuanyuan Gu. “Physicians’ risk and time preferences and their willingness

- to detect and disclose genomic secondary findings: A multiple price list experiment.” *Pharmacoeconomics and Policy*. 2025.
DOI: [10.1016/j.pharp.2025.02.001](https://doi.org/10.1016/j.pharp.2025.02.001)
15. Jing Yu, **Shan Jiang ***, Taoran Liu, Yangyang Gao, Xinyang Ma, Ginenus Fekadu, Yunqiu Xia, Bonny Parkinson, Wai-kit Ming, Yuanyuan Gu. “Secondary Risk-Reducing Strategies for Contralateral Breast Cancer in BRCA1/2 Variant Carriers: A Systematic Review and Meta-analysis.” *Advances in Therapy*. 2024.
DOI: [10.1007/s12325-024-02808-x](https://doi.org/10.1007/s12325-024-02808-x) (IF = 4.0, SJR = 1.236)
 16. Mengying Wang, **Shan Jiang ***, Boyang Li, Bonny Parkinson, Jiao Lu, Kai Tan, Yuanyuan Gu, Shunping Li. “Synthesized economic evidence on the cost-effectiveness of screening familial hypercholesterolemia.” *Global Health Research and Policy*. 9(1):38, 2024.
DOI: [10.1186/s41256-024-00382-x](https://doi.org/10.1186/s41256-024-00382-x) (IF = 5.0, SJR = 1.447)
 17. Jun-Tao Shu, Yuan-Yuan Gu, Pei-Yao Zhai, Cheng Wen, Min Qian, You-Jia Wu, Xun Zhuang Qing-Wen Zhu, Lu-Ping Zhang, **Shan Jiang**, Xiao-Mo Wang, Yin-Hua Jiang, Li-Hui Huang, Gang Qin. “Economic evaluation of newborn deafness gene screening as a public health intervention in China: a modelling study.” *BMJ Public Health*. 2024.
DOI: [10.1136/bmjph-2023-000838](https://doi.org/10.1136/bmjph-2023-000838)
 18. Fuming Li, Yingyao Chen, Dunming Xiao, **Shan Jiang**, and Yi Yang. “Cost-Effectiveness Analysis of Sintilimab Plus Chemotherapy in Advanced Non-Squamous Non-Small Cell Lung Cancer: A Societal Perspective.” *Advances in Therapy*. 2024.
DOI: [10.1007/s12325-024-02808-x](https://doi.org/10.1007/s12325-024-02808-x) (IF = 4.0, SJR = 1.236)
 19. **Shan Jiang**, Bonny Parkinson, Yuanyuan Gu. “Enhancing Neonatal Intensive Care With Rapid Genome Sequencing”. [Invited commentary]. *JAMA Network Open*. 2024.
DOI: [10.1001/jamanetworkopen.2024.0097](https://doi.org/10.1001/jamanetworkopen.2024.0097) (IF = 9.7, SJR = 3.546, Selected as Best 20 Publications at MUCHE from 2021-2025)
 20. Yawen Jiang, Meng Li, **Shan Jiang**, Lei Si, Yuanyuan Gu. “Patient Welfare Implications of Indication-specific Value-based Pricing of Multi-indication Drugs”. *Value in Health*. 2024.
DOI: [10.1016/j.jval.2023.11.008](https://doi.org/10.1016/j.jval.2023.11.008) (IF = 6.0, SJR = 1.856, Best Paper of the Year 2024 selected by journal editorial board, only one worldwide)
 21. Taoran Liu, Jing Yu, Yangyang Gao, Xinyang Ma, **Shan Jiang**, Yuanyuan Gu, Wai-kit Ming. “Prophylactic Interventions for Hereditary Breast and Ovarian Cancer Risks and Mortality in BRCA1/2 Carriers”. *Cancers*. 2023.
DOI: [10.3390/cancers16010103](https://doi.org/10.3390/cancers16010103) (IF = 5.2, SJR = 1.312)
 22. Yu Wang, Peicong Zhai, **Shan Jiang**, Chaofan Li, Shunping Li. “Blood Donors’ Preferences Toward Incentives for Donation in China”. *JAMA Network Open*. 2023.
DOI: [10.1001/jamanetworkopen.2023.18320](https://doi.org/10.1001/jamanetworkopen.2023.18320) (IF = 9.7, SJR = 4.108)
 23. Yu Wang, Peicong Zhai, Yue Zhang, **Shan Jiang**, Gang Chen, Shunping Li. “Gauging Incentive Values and Expectations (G.I.V.E.) study among Blood Donors for Non-monetary Incentives: Developing a Preference Elicitation Instrument through Qualitative Approaches in Shandong, China”. *The Patient-Patient Centered Outcomes Research*. 2023.
DOI: [10.1007/s40271-023-00639-6](https://doi.org/10.1007/s40271-023-00639-6). (IF = 3.6, SJR = 1.140)

24. Wang, Limin, Shimeng Liu, **Shan Jiang**, Chaofan Li, Liyong Lu, Yunhai Fang, and Shunping Li. “Authors’ Reply: The Need for a Bleed Type-Specific Annual Bleeding Rate in Hemophilia Studies.” *JMIR Public Health and Surveillance*. 2024.
DOI: 10.2196/54756 (IF = 3.5, SJR = 1.289)
25. Jingjing Jiang, **Shan Jiang ***, Antonio Ahumada-Canale, Zhuo Chen, Lei Si, Li Yang, Yuanyuan Gu. “Breast Cancer Screening Should Embrace Precision Medicine: Evidence by Reviewing Economic Evaluations in China”. *Advances in Therapy*. 2023.
DOI:10.1007/s12325-023-02450-z (IF = 4.0, SJR = 1.236)
26. **Shan Jiang ***, Yuanyuan Gu, Shunping Li, Haiyin Wang. “ICER Threshold Adjustment in China Incorporating Equity Considerations: A Case Study of Orphan Drugs”. [Technical Report, Chinese]. *China Pharmaceutical Circulation Association*. 2023.
27. Yawen Jiang, **Shan Jiang ***, Limin Li, Si Shi, Mincai Li, Lei Si. “Cost Effectiveness of Denosumab for Secondary Prevention of Osteoporotic Fractures Among Postmenopausal Women in China: An Individual-Level Simulation Analysis”. *Applied Health Economics and Health Policy*. 2022.
DOI: 10.1007/s40258-022-00784-3 (IF = 3.686, SJR = 1.017, ABDC = C)
28. He Ma, Erping Jia, Huimin Ma, Yanzhi Pan, **Shan Jiang**, Juyang Xiong. “Preferences for public long-term care insurance among middle-aged and elderly residents: A discrete choice experiment in Hubei Province, China”. *Frontiers in Public Health*. 2023.
DOI: 10.3389/fpubh.2023.1050407 (IF = 5.2, SJR = 1.125)
29. Shanquan Chen, Linda Jones, **Shan Jiang**, Rudolf Cardinal. Difficulty and help with activities of daily living among older adults living alone during the COVID-19 pandemic: a multi-country population-based study. *BMC Geriatrics*. 2022.
DOI: 10.1186/s12877-022-02799-w (IF = 4.1, SJR = 1.127)
30. **Shan Jiang ***, Ru Ren, Yuanyuan Gu, Varinder Jeet, Ping Liu, Shunping Li. “Patient Preferences in Targeted Pharmacotherapy for Cancers: A Systematic Review of Discrete Choice Experiments”. *PharmacoEconomics*. 2022.
DOI: 10.1007/s40273-022-01198-8 (IF = 4.4, SJR = 1.389, ABDC = A, Selected as Best 20 Publications at MUCHE from 2021-2025)
31. **Shan Jiang ***. “A scoping review of global guidelines for the disclosure of secondary genomic findings to inform the establishment of guidelines in China”. *China CDC Weekly*. 2022.
DOI: 10.46234/ccdcw2022.146 (IF = 4.7, SJR = 1.036)
32. **Shan Jiang ***, Yitong Wang, Lei Si, Xiao Zang, Yuanyuan Gu, Yawen Jiang, Gordon G. Liu, Jing Wu. “Incorporating Productivity Loss in Health Economic Evaluations: A Review of Guidelines and Practices Worldwide and A Research Agenda for China”. *BMJ Global Health*. 2022.
DOI: 10.1136/bmjgh-2022-009777 (IF = 8.1, SJR = 2.376)
33. **Shan Jiang ***, Cai Dan, Daqin Chen, Yawen Jiang. “An Analysis of Life-Year Lost Due to COVID-19 — 34 Countries, December 2019–March 2021”. *China CDC Weekly*. 2022.
DOI: 10.46234/ccdcw2022.109 (IF = 4.7, SJR = 1.036)

34. Yawen Jiang, Dan Cai, Daqin Chen, **Shan Jiang**, Lei Si, and Jing Wu. “Economic Evaluation of Remdesivir for the Treatment of Severe COVID-19 Patients in China under Different Scenarios”. *British Journal of Clinical Pharmacology*. 2021.
DOI: [10.1111/bcp.14860](https://doi.org/10.1111/bcp.14860) (IF = 3.4, SJR = 0.941)
35. **Shan Jiang ***, Yitong Wang, Junwen Zhou, Yawen Jiang, Gordon G. Liu, Jing Wu. “Incorporating future unrelated medical costs in cost-effectiveness analysis in China”. *BMJ Global Health*. 2021.
DOI: [10.1136/bmjgh-2021-006655](https://doi.org/10.1136/bmjgh-2021-006655) (IF = 8.1, SJR = 2.376)
36. Zhuo Chen, **Shan Jiang ***, Youfa Wang, M. Mahmud Khan, Donglan Zhang, Janani Rajbhandari-Thapa, and Li Li. “Pharmacoeconomics of Obesity in China: A Scoping Review”. *Expert Review of Pharmacoeconomics and Outcomes Research*. 2021.
DOI: [10.1080/14737167.2021.1882306](https://doi.org/10.1080/14737167.2021.1882306) (IF = 2.3, SJR = 0.596)
37. Fan Yang, **Shan Jiang**, Xiaoning He, Hongchao Li, Hongyan Wu, Tiantian Zhang, Jing Wu. “Do rural residents in China understand EQ-5D-5L as intended? Evidence from a qualitative study”. *PharmacoEconomics Open*. 2021.
DOI: [10.1007/s41669-020-00212-z](https://doi.org/10.1007/s41669-020-00212-z). (IF = 2, SJR = NA)
38. Yawen Jiang, Daqin Chen, Dan Cai, Yao Yi, **Shan Jiang**. “Effectiveness of Remdesivir for the Treatment of Hospitalized COVID-19 Persons: A Network Meta-analysis”. *Journal of Medical Virology*. 2021.
DOI: [10.1002/jmv.26443](https://doi.org/10.1002/jmv.26443) (IF = 20.693, SJR = 1.957)
39. Dan Cai, Si Shi, **Shan Jiang**, Lei Si, Jing Wu, Yawen Jiang. “Estimation of the Cost-Effective Threshold of a Quality-Adjusted Life Year in China Based on the Value of Statistical Life”. *European Journal of Health Economics*. 2021.
DOI: [10.1007/s10198-021-01384-z](https://doi.org/10.1007/s10198-021-01384-z) (IF = 4.4, SJR = 1.042, ABDC = A)
40. Ping Liu, **Shan Jiang**, Shun-ping Li. “A Systematic Review of Measuring the Preference for Targeted Therapy in Cancer Patients by Discrete Choice Experiment” [Chinese]. *Chinese Journal of Cancer Prevention and Treatment*. 2021.
DOI: [10.16073/j.cnki.cjcpt.2021.04.13](https://doi.org/10.16073/j.cnki.cjcpt.2021.04.13) (CNKI, Core Journal)
41. Jiao Lu, **Shan Jiang ***. “Preferences of Older Patients with Chronic Diseases for Medication Review Services in Shanxi, China: Results from a Discrete Choice Experiment”. [Abstract]. *Value in Health Regional Issues*. 2020.
DOI: [10.1016/j.vhri.2020.07.460](https://doi.org/10.1016/j.vhri.2020.07.460).
42. **Shan Jiang ***, Jiao Lu. “Using Instant Messenger to Recruit Research Participants in Medical Decision Making: Does WeChat Provide an Alternative Solution?”. [Abstract]. *Value in Health*. 2020.
DOI: [10.1016/j.jval.2020.04.1151](https://doi.org/10.1016/j.jval.2020.04.1151)
43. **Shan Jiang ***, Jiao Lu. “Best-Worst Scaling in Health Economics in China: Past, Present, and Future”. [Abstract]. *Value in Health*. 2020.
DOI: [10.1016/j.jval.2020.04.1031](https://doi.org/10.1016/j.jval.2020.04.1031)
44. Wenxi Tang, Mengran Zhang, Wenfei Ding, **Shan Jiang**, Xiao Zang. “The Application of Synthetic Control Method in Health Policy Assessment” [Chinese]. *Chinese Health Economics*. 2020.
DOI: [10.7664/CHE20200404](https://doi.org/10.7664/CHE20200404) (CNKI, Core Journal)

45. **Shan Jiang ***, Aslam Anis, Ian Cromwell, Tima Mohammadi, Kasmintan Shrader, Janet Lucas, Christine Armour, Yvonne Bombard, Dean Regier. "Health-Care Practitioners' Preferences for the Return of Secondary Findings from Next Generation Sequencing: A Discrete-Choice Experiment". *Genetics in Medicine*. 2020.
DOI: 10.1038/s41436-020-0927-x (IF = 8.864, SJR = 2.745)
46. **Shan Jiang ***, Zhuo Chen, Jing Wu, Xiao Zang, Yawen Jiang. "Addressing methodological and ethical issues in practicing health economic evaluation in China". *Journal of Global Health*. 2020.
DOI: 10.7189/jogh.10.020322 (IF = 7.664, SJR = 1.286)
47. **Shan Jiang ***, Yuanyuan Gu, Fan Yang, Hui Wang, Tao Wu, Henry Cutler, Lufa Zhang. "Tertiary Hospitals or Community Clinics? An Enquiry into the Factors Affecting Patients' Choice for Healthcare Facilities in Urban China". *China Economic Review*. 2020.
DOI: 10.1016/j.chieco.2020.101538. (IF = 6.8, SJR = 1.603, ABDC = A)
48. Yawen Jiang, **Shan Jiang**, Weiye Ni. "Burden of cardiovascular diseases associated with fine particulate matter in Beijing, China: an economic modelling study". *BMJ Global Health*. 2020.
DOI: 10.1136/bmjgh-2020-003160 (IF = 8.1, SJR = 2.376)
49. Yawen Jiang, Dan Cai, Daqin Chen, **Shan Jiang**, "The cost-effectiveness of conducting three versus two reverse transcription-polymerase chain reaction tests for diagnosing and discharging people with COVID-19: evidence from the epidemic in Wuhan, China". *BMJ Global Health*. 2020.
DOI: 10.1136/bmjgh-2020-002690 (IF = 8.1, SJR = 2.376)
50. **Shan Jiang ***, Zhuo Chen, Tao Wu, Hui Wang. "Collective Pharmaceutical Procurement in China May Have Unintended Consequences". *Journal of Global Health*. 2020.
DOI: 10.7189/jogh.10.010314 (IF = 7.664, SJR = 1.286)
51. Zhuo Chen, Lei Zhou, **Shan Jiang**, Anne Haddix. Identifying Options of Best Value: Use of Economic Evaluation in Public Health. *China CDC Weekly*. 2020.
DOI: 10.46234/ccdcw2020.021 (IF = 4.7, SJR = 1.036)
52. Xiao Zang, Mengran Zhang, Shihao Wei, Wenxi Tang, **Shan Jiang ***, "Impact of Public Hospital Pricing Reform on Medical Expenditure Structure in Jiangsu, China: A Synthetic Control Analysis". *BMC Health Service Research*. 2019.
DOI: 10.1186/s12913-019-4357-x (IF = 2.908, SJR = 0.964)
53. Mailan Liu, Qian Zhang, **Shan Jiang ***, et al. "Warm Needling Acupuncture and Medicinal Cake-separated Moxibustion for Hyperlipidemia: Study Protocol for a Randomized Controlled Trial". *Trials*. 2017.
DOI: 10.1186/s13063-017-2029-x (IF = 2.5, SJR = 0.814)
54. **Shan Jiang ***, Yong Dong. "Human papillomavirus and oral squamous cell carcinoma: A review of HPV-positive oral squamous cell carcinoma and possible strategies for future". *Current Problems in Cancer*. 2017.
DOI: 10.1016/j.currproblcancer.2017.02.006 (IF = 2.6, SJR = 0.612)
55. **Shan Jiang ***, Hector Velasquez-Garcia. "The role of education in colorectal cancer screening participation: Updated evidence from Canadian Community Health Survey (2011-2012)." *Cancer Treatment and Research Communications*. 2017.
DOI: 10.1016/j.ctarc.2016.10.001

56. **Shan Jiang ***, Yalu Zhang, Jingpei Long, Yong Dong. “Chinese Health System Development From 1949 To 2015: A Systematic Review”. [Abstract]. *Value in Health*. 2016.
DOI: [10.1016/j.jval.2016.03.747](https://doi.org/10.1016/j.jval.2016.03.747)
57. Yalu Zhang, **Shan Jiang ***, Jingpei Long, Yong Dong. “Health Policy Review: Regional Reforms in Hospitals, Medical Personal System, and Mode of Payment in China”. [Abstract]. *Value in Health*. 2016.
DOI: [10.1016/j.jval.2016.03.1947](https://doi.org/10.1016/j.jval.2016.03.1947)

CONFERENCE
PRESENTATIONS

*NOTE: *, first/corresponding authorship. Records listed in reverse chronological order from latest to earliest.*

1. **Shan Jiang ***, Yuanyuan Gu, Bonny Parkinson. “Dynamic Distributional Cost-Effectiveness Analysis: Tracking Cost-Effectiveness and Health Inequality Over time”. [Long Oral presentation]. *ISPOR Australian Chapter Annual Meeting 2025*. Sydney, Australia. December 1-3, 2025.
2. **Shan Jiang ***, Yuanyuan Gu, Bonny Parkinson. “Dynamic DCEA for Genomic Breast Cancer Screening: Evaluating Cost-Effectiveness and Health Inequality Over Time”. *Australian Health Economics Society (AHES) Annual Conference 2025*. Canberra, Australia. September 2025 (selected as Best 10 Doctoral Research).
3. Yuanyuan Gu, **Shan Jiang**, Shunping Li, Haiyin Wang. “Shall We Pay More for Rare Disease Drugs? Assessing Decision-Makers Preferences by A Sequential Discrete Choice Experiment Approach”. [Long Oral presentation]. *iHEA World Congress 2025*. Bali Island, Indonesia. July 19-23, 2025.
4. **Shan Jiang ***, Yuanyuan Gu, Bonny Parkinson. “Evaluating Cost-Effectiveness and Distributional Impact of Population-wide BRCA Screening in Australia: A Model Incorporating Patient Preferences”. [Long Oral presentation]. *iHEA World Congress 2025*. Bali Island, Indonesia. July 19-23, 2025.
5. **Shan Jiang ***, Ali Furkan Kalay, Bonny Parkinson, Yuanyuan Gu. “Projecting Quality-Adjusted Life Expectancy for Distributional Cost-Effectiveness Analysis: A Dynamic Covariate Microsimulation Approach”. [Long Oral presentation]. *iHEA World Congress 2025*. Bali Island, Indonesia. July 19-23, 2025.
6. **Shan Jiang ***, Dandan Yu, Haiying Wang, Richard Cookson, Yuanyuan Gu. “Income-Related Health Inequality Aversion and Its Geographical Variations: Evidence From China”. [Long Oral presentation]. *iHEA World Congress 2025*. Bali Island, Indonesia. July 19-23, 2025.
7. **Shan Jiang *** (lead of organized session), “Integrating Equity into Decision-Making: Methods and Applications for Equity Informative Economic Evaluations”. [Organised Session] *iHEA World Congress 2025*. Bali Island, Indonesia. July 19-23, 2025.
8. **Shan Jiang ***, Bonny Parkinson, Yuanyuan Gu. “Evaluating Cost-Effectiveness and Distributional Impact of Population-wide BRCA Screening: A Distributional Cost-Effectiveness Analysis Incorporating Patient Preferences”. [Oral presentation]. *HTAi 2025 Annual Meeting*. Buenos Aires, Argentina. June 13-19, 2025.

9. **Shan Jiang ***, Haiyin Wang, Yuanyuan Gu. “Shall We Pay More For Rare Disease Drugs? Assessing Decision-makers’ Preferences By A Sequential Discrete Choice Experiment Approach”. [Oral presentation]. *HTAi 2025 Annual Meeting*. Buenos Aires, Argentina. June 13-19, 2025.
10. **Shan Jiang ***, Bonny Parkinson, Yuanyuan Gu. “Evaluating Cost-Effectiveness and Distributional Impact of Population-wide BRCA Screening: A Distributional Cost-Effectiveness Analysis Incorporating Patient Preferences”. [Oral presentation]. *Australian Health Economics Society (AHES) Annual Conference 2024*. Sydney, Australia. September 20, 2024.
11. **Shan Jiang ***, Junling Weng, Smriti Raichand, Antonio Ahumada Canale, Sabrina Lenzen, Piers Dawes, John Newall, Yuanyuan Gu. “A Scoping Review of Cost-Effectiveness Analyses of Hearing Interventions Among Older Adults”. [Oral presentation]. *Australian Association of Gerontology (AAG) Conference 2024*. Hobart, Tasmania, Australia. Nov 11-15, 2024.

RESEARCH VISITS	Centre for Health Economics, University of York, York, UK	April 2026
	Danish Centre for Health Economics (DaCHE), University of Southern Denmark, Odense, Denmark	Mar 2026
	School of Public Health, Fudan University, Shanghai, China	Feb 1–6, 2026
	School of Public Health, Fudan University, Shanghai, China	Jan 2025
	Anhui Medical University, Hefei, Anhui, China	Jan 2025
	Danish Centre for Health Economics (DaCHE), University of Southern Denmark, Odense, Denmark	Dec 2024
SCHOLARSHIPS	<i>Macquarie University, Macquarie Park, NSW, Australia</i>	
	MUAPS PhD scholarships with top-up	2024 – 2026
	AUD\$35,000 + \$20,000 per year	
	AUD\$12,500 travel grants over 3 years	
	AUD\$6,000 Postgraduate Research Fund (PGRF)	2025
	<i>University of British Columbia, Vancouver, Canada</i>	
	Four-Year Ph.D. Fellowship (\$25,000 CAD per year)	2012 – 2016
	International Tuition Award (\$3,200 CAD per year)	2012 – 2016
	Western Regional Training Center Scholarship (\$2,500 CAD)	2013 – 2014
	<i>Massachusetts Institute of Technology, Boston, USA</i>	
INVITED LECTURES AND SEMINARS	Visiting Scholarship on Discrete Choice Analysis (\$2,500 USD)	2017
	<i>Shanghai Jiao Tong University, Shanghai, China</i>	
	Graduate Student Scholarship (top 5%, covering full tuition and fees)	2009
	1. Dynamic Distributional Cost-Effectiveness Analysis: Tracking Cost-Effectiveness and Health Inequality Over Time, <i>Invited Seminar by Centre for Health Economics, University of York</i>	
	York, United Kingdom	April 30, 2026
	2. Dynamic Distributional Cost-Effectiveness Analysis: Tracking Cost-Effectiveness and Health Inequality Over Time, <i>Brocher Foundation Seminar</i>	
	Hermance, Switzerland	April 10, 2026

3. Projected Quality-Adjusted Life Expectancy: A Dynamic Microsimulation Approach, *Invited Seminar by Danish Centre for Health Economics (DaCHE), University of Southern Denmark*
Odense, Denmark March 17, 2026
4. Dynamic Distributional Cost-Effectiveness Analysis: Tracking Cost-Effectiveness and Health Inequality Over Time, *Invited Seminar by Danish Centre for Health Economics (DaCHE), University of Southern Denmark*
Odense, Denmark March 15, 2026
5. Genomics for Justice: Distributional Cost-Effectiveness Analysis of Breast Cancer Screening in Australia, *Brocher Foundation Seminar*
Hermance, Switzerland March 10, 2026
6. (1) Dynamic Distributional Cost-Effectiveness Analysis: Tracking Cost-Effectiveness and Health Inequality Over Time; (2) Projecting Quality-Adjusted Life Expectancy for Distributional Cost-Effectiveness Analysis: A Dynamic Covariate Microsimulation Approach, *Invited Seminar by Department of Health Economics, School of Public Health, Fudan University*
Shanghai, China February 4, 2026
7. (1) Dynamic Distributional Cost-Effectiveness Analysis: Tracking Cost-Effectiveness and Health Inequality Over Time; (2) Projecting Quality-Adjusted Life Expectancy for Distributional Cost-Effectiveness Analysis: A Dynamic Covariate Microsimulation Approach, *Invited Seminar by Department of Hospital Management, School of Public Health, Fudan University*
Shanghai, China February 3, 2026
8. (1) Dynamic Distributional Cost-Effectiveness Analysis: Tracking Cost-Effectiveness and Health Inequality Over Time; (2) Discrete Choice Experiment Design and Analysis: A Comprehensive Tutorial, *Invited Seminar by Shanghai Health Development Research Center*
Shanghai, China February 2, 2026
9. Cost-Effectiveness Analysis for COPD: An Annotated R Code Walk-through, *1st Australia-China Joint Workshop in Health Economics*
Shanghai, China April 25, 2025
10. Evaluating Cost-Effectiveness and Distributional Impact of Population-wide BRCA Screening: A Distributional Cost-Effectiveness Analysis Incorporating Patient Preferences, *AHES Health Equity SIG Seminar*
Virtual February 20, 2025
11. Evaluating Cost-Effectiveness and Distributional Impact of Population-wide BRCA Screening: A Distributional Cost-Effectiveness Analysis Incorporating Patient Preferences, *Exploring Distributional Equity in Health (EDE) Group Seminar*
Virtual February 13, 2025
12. Cost-Effectiveness Analysis: A Comprehensive Tutorial on Theory and Modelling, *Invited Seminar by Chongqing Medical University*
Chongqing, China January 8, 2025
13. Discrete Choice Experiment Design and Analysis: A Comprehensive Tutorial, *Invited Seminar by Anhui Medical University*
Hefei, Anhui, China January 4, 2025

14. Economic Evaluations of Hearing Interventions among Older Adults: A Systematic Review of Global Evidence, *Australian Association of Gerontology (AAG) Annual Conference*
Hobart, Tasmania, Australia November 16, 2024
15. Cost-Effectiveness Analysis: A Comprehensive Tutorial on Theory and Modelling, *Invited Seminar by Anhui Medical University*
Hefei, Anhui, China January 3, 2025
16. Discrete Choice Experiment Design and Analysis: A Comprehensive Tutorial, *Invited Seminar by School of Public Health, Fudan University*
Shanghai, China December 31, 2024
17. Income-related Health Inequality Aversion and Its Geographical Variations: Evidence from China, *Research Visit to Danish Center for Health Economics*
Odense, Denmark December 2, 2024
18. Evaluating Cost-Effectiveness and Distributional Impact of Population-wide BRCA Screening: A Distributional Cost-Effectiveness Analysis Incorporating Patient Preferences, *Research Visit to Danish Center for Health Economics*
Odense, Denmark December 2, 2024
19. Income-related Health Inequality Aversion and Its Geographical Variations: Evidence from China, *Exploring Distributional Equity in Health Workshop*
Geneva, Switzerland November 27, 2024
20. Income-related health inequality aversion and its geographical variations: Evidence from China, *Oriental Forum for Pharmacoeconomics*
Hangzhou, Zhejiang, China April 29, 2024
21. Meta-analysis of Sensitive Quality-of-life Indicators for Hearing Loss Interventions, *1st China Health Preference Conference*
Jinan, Shandong, China March 16, 2024
22. Discrete Choice Experiment: Introduction, Design, and Application, *Invited by School of Pharmaceutical Sciences, Tianjin University*
Tianjin, China March 15, 2024
23. Enhancing Academic Research with ChatGPT *Invited by School of Public Health, Fudan University*
Shanghai, China November 30, 2023
24. Discrete Choice Experiment: Design and Analysis Methodology, *Invited by Center for Health Management and Policy Research, Shandong University*
Jinan, Shandong, China May 16, 2023
25. Incorporating Equity into Consideration of Reimbursement Threshold Adjustment: In the Case of Rare Disease Drugs, *China Pharmaceutical Industry Policy Research Forum*
Tsingtao, Shandong, China May 6, 2023
26. A Systematic Review of Behavioral Implications by Discrete Choice Experiments for Targeted Therapies for Cancers, *International Research Center for Medical Administration Pharmacoeconomics Forum*
Beijing, China August 23, 2020
27. Preference-based Cost-effectiveness Analysis: How to Integrate Preferences into Economic Evaluation Framework, *China Pharmacoeconomics Youth Forum*
Tianjin, China November 30, 2019

28. Healthcare Practitioners' Preferences for the Return of Secondary Findings from Next Generation Sequencing: A Discrete Choice Experiment, *Invited by School of Health Care Management, Shandong University*
Jinan, Shandong, China November 7, 2019
29. An Enquiry into the Factors Affecting Patients' Choice for Healthcare Facilities in Urban China, (Awarded **Best Paper**), *Healthcare Management Forum for Young Scholars*
Guangzhou, Guangdong, China December 19, 2018
30. Impact of Public Hospital Pricing Reform on Medical Expenditure Structure: A Synthetic Control Analysis, *School of Pharmaceutical Sciences, Tianjin University*
Tianjin, China November 9, 2018
31. How Does Discrete Choice Experiment Benefit Health Economic Evaluation and Health Policy Research, *Invited by School of Pharmaceutical Sciences, Tianjin University*
Tianjin, China November 8, 2018
32. Using Discrete Choice Experiment to Elicit Patient Preference in China: A Case Study, *Huaxia PharmacoEconomics Youth Forum*
Tianjin, China Jun 1, 2018

TEACHING EXPERIENCE

Co-Instructor

- SPPH 541 - Health Economic Evaluation (I) 2015 – 2016
School of Population and Public Health, University of British Columbia
- SPPH 501 - Longitudinal Data Analysis 2015 – 2016
School of Population and Public Health, University of British Columbia
- SPHA 531 - Health Economic Evaluation 2014 – 2016
School of Population and Public Health, University of British Columbia

Teaching Assistant

- Principles of Economics Sep 2011 – Jan 2012
Department of Economics, Shanghai Jiao Tong University
- Mathematical Economics Sep 2010 – Jan 2011
Department of Economics, Shanghai Jiao Tong University

PROFESSIONAL SERVICES AND LEADERSHIP

Editor

Advances in Therapy, Section Editor, Health Economics and Outcomes Research (HEOR) Section
Clinical Drug Investigation, Editorial Board
Oncology and Therapy, Editorial Board

Leadership

Convenor, Health Equity Special Interest Group (SIG), Australian Health Economics Society 2025 – Present
Secretary, Health Preference Research SIG, Australian Health Economics Society 2024 – 2025
Co-founder, Chinese Health Preference Research Network, China 2019 – Present

Membership of professional organizations

Member, International Health Economics Association (iHEA), International
Member, Health Technology Assessment International (HTAi), International

Member, International Consortium on Newborn Sequencing (ICoNS), International
Member, Health Preference Research Special Interest Group, Australian Health
Economics Society, Australia
Member, Health Equity Special Interest Group, Australian Health Economics
Society, Australia
Member, Australian Association of Gerontology, Australia
Member, International Society of Global Health, UK
Member, China Health Policy and Management Society, US

Referee

Lancet
Lancet Global Health
Lancet Psychiatry
Lancet Rheumatology
International Journal of Epidemiology
JAMA Network Open
Value in Health
Value in Health Regional Issues
BMJ
BMJ Global Health
BMJ Public Health
BMJ Open
China Economic Review
European Journal of Health Economics
Applied Health Economics and Health Policy
Advances in Therapy
BMC Health Services Research
Expert Review of Pharmacoeconomics and Outcomes Research
Cost Effectiveness and Resource Allocation
Clinical Drug Investigation
The Chinese Economy
Health Equity
International Journal of Drugs
Sage Open
Journal of Epidemiology and Community Health
Trials
International Journal of Health Policy and Management
International Journal of Health Planning and Management