

Julie Shi

Associate Professor
School of Economics, Peking University
5 Yiheyuan Road, Haidian District
Beijing, China 100871
Tel: +86 6275 0527
Email: jshi@pku.edu.cn
Website: <https://econ.pku.edu.cn/szdw/zzjs/ybjs/sjjxx/327506.htm>



Julie Shi is Associate Professor of Health Economics in the School of Economics and the School of Global Health Development at Peking University. Dr. Shi's research focuses on the design and impact of health care payment systems, the economics of health insurance coverage, drug regulations, and the trend of medical expenditures. Shi's work has contributed to the theory and practice of China's payment system reform. Her research on health insurance includes the impact of insurance on medical utilization. She has conducted academic and policy research on government regulations on prescription drugs. She also works on the trend of expenditures for patients with catastrophic diseases.

Dr. Shi's undergraduate degree is from Tsinghua university and her PhD is from Boston University, both in economics. Before joining Peking University, she was a post-doctoral fellow at Harvard Medical School. Her work has published on leading academic journals including *Journal of Public Economics*, *Journal of Health Economics*, and *Health Economics*. She received awards for paper of the year in 2014 from the National Institute of Health Care Management (NIHCM) in the United States. She has conducted multiple projects for central and local governments in China for policy recommendation.

Work

2020/09 to present, Associate Professor (with tenure), School of Economics, Peking University
2017/09 – 2020/08, Associate Professor (without tenure), School of Economics, Peking University
2014/09 – 2017/08, Assistant Professor, School of Economics, Peking University
2013/06 – 2014/05, Post-Doctoral Fellow, Harvard Medical School

Education

2008/08 – 2013/05 Ph.D., Economics, Boston University, United States
2006/09 – 2008/07 M.A., Economics, Tsinghua University, China
2002/09 – 2006/07 B.A., Economics, Tsinghua University, China

Publication

1. "Does Ownership Matter for Medical System Performance? Evidence from a Natural Experiment in Suqian, China", Liu, Gordon, **Julie Shi**, Xiaoqian Wang, Hanmo Yang, Hengpeng Zhu. *Inquiry: The Journal of Health Care Organization, Provision, and Financing*, 2020, 57: 1-10
2. "Trends in Hospitalization Expenditures for Acute Exacerbations of COPD in Beijing from 2009 to 2017", Liang, Lirong, Yunxiao Shang, Wuxiang Xie, **Julie Shi**, Zhaohui Tong, Mahammad Jalali. *International Journal of Chronic Obstructive Pulmonary Disease*, 2020, 15: 1165-1175
3. "Expenditure Response to Health Insurance Policies: Evidence from Kinks in Rural China", Yi Lu, **Julie Shi**, Wanyu Yang, *Journal of Public Economics*, 2019, 178(10): 1-17

4. "Income-dependent Impacts of Health Insurance on Medical Expenditures: Theory and Evidence from China," Yi Chen, **Julie Shi**, Castiel Chen Zhuang, *China Economic Review*, 2019, 53: 290-310
5. "Potential Effects of Eliminating the Individual Mandate Penalty in California: Uneven Coverage Losses and Premium Increases," Vicki Fung, Catherine Liang, **Julie Shi**, Veri Seo, Lindsay Overhage, William Dow, Alan Zaslavsky, Bruce Fireman, Stephen F. Derose, Michael Chernew, Joseph P. Newhouse, John Hsu, *Health Affairs*, 2019, 38: 147-154
6. "Promoting Sustainability for Micro Health Insurance: A Risk-adjusted Subsidy Approach for Maternal Healthcare Service," Yi Yao, Joan Schmit, and **Julie Shi**, *Geneva Papers on Risk and Insurance - Issues and Practice*, 2019, 44(3): 382-409
7. "Modeling Individual Health Care Expenditures in China: Evidence to Assist Payment Reform in Public Insurance," **Julie Shi**, Yi Yao, and Gordon Liu, *Health Economics*, 2018, 27(12): 1945-1962
8. "Health Insurance and Payment System Reform in China," **Julie Shi** and Gordon Liu, in "*Risk Adjustment, Risk Sharing and Premium Regulation in Health Insurance Markets: Theory and Practice*", edited by Thomas McGuire and Richard van Kleef, 263-278. Elsevier, 2018
9. "Adverse Selection into and within the Individual Health Insurance Market in California in 2014," Vicki Fung, Cassandra G. K. Peitzman, **Julie Shi**, Catherine Y. Liang, William H. Dow, Alan M. Zaslavsky, Bruce H. Fireman, Stephen F. Derose, Michael E. Chernew, Joseph P. Newhouse, and John Hsu, *Health Services Research*, 2018, 53(5): 3750-3769
10. "Risk Adjustment of Health Plan Payments to Correct Inefficient Plan Choice from Adverse Selection," Thomas G. McGuire, Jacob Glazer and **Julie Shi**, in "*Measuring and Modeling Health Care Costs*", edited by Ana Aizcorbe, Colin Baker, Ernst Berndt and David Cutler, 379-418. Chicago: University of Chicago Press for the National Bureau of Economic Research, 2018
11. "Efficiency in Plan Choice with Risk Adjustment and Risk-based Pricing in Health Insurance Exchanges," **Julie Shi**, *Geneva Papers on Risk and Insurance - Issues and Practice*, 2017, 42(1): 79-113
12. "Matching and Imputation Methods for Risk Adjustment in Health Insurance Exchanges," Sherri Rose, **Julie Shi**, Thomas G. McGuire, Sharon-Lise T. Normand, *Statistics in Biosciences*, 2017, 9(2): 525-542
13. "Income Manipulation to Subsidized Health Insurance Programs: Evidence from Massachusetts," **Julie Shi**, *American Journal of Health Economics*, 2016, 2(1): 96-124
14. "Assessing Incentives for Service-Level Selection in Private Health Insurance Exchanges," Thomas G. McGuire, Joseph P. Newhouse, Sharon-Lise Normand, **Julie Shi** and Samuel Zuvekas, *Journal of Health Economics*, 2014, 35, May: 47-63
15. "Integrating Risk Adjustment and Enrollee Premiums in Health Plan Payment," Thomas G. McGuire, Jacob Glazer, Joseph P. Newhouse, Sharon-Lise Normand, **Julie Shi**, Anna D. Sinaiko, and Samuel Zuvekas, *Journal of Health Economics*, 2013, 32(6): 1263-1277

Projects

1. "Risk Assessment for Medical Institutions", Beijing Municipal Health Commission, Principal Investigator, 2020
2. "Individual Health Care Spending Prediction and China's Payment System Reform", National Natural Science Foundation of China, Principal Investigator, 2016-2018