

ZHANG, Jing Hua



Title : Professor
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Academic Qualification

2006 - 2011 Ph.D.: Lehigh University (USA), Economics;
1998 - 2000 Master: Nagasaki University (Japan), Banking and Finance;
1994 - 1997 Master: Sichuan University (China), International Finance;
1990 - 1994 BA: Sichuan University (China), International Trade and Economics.

Working Experience

2023.08 – Present Professor /MUST
2017.07 – Present Assistant Dean / School of Business, MUST
2016.07 – 2023.07 Associate Professor /MUST
2011.09 – 2016.06 Assistant Professor / MUST
2015.06 – 2015.08 Visiting scholar / Emory University (Atlanta, USA)
2010.09 – 2011.03 Adjunct Instructor / Eastern University (Philadelphia, USA)
2009.07 – 2010.08 Adjunct Instructor / Lehigh University (Bethlehem, USA)

Teaching Activities

Research Methodology II (Ph.D. program, Applied microeconomics),
Microeconomics II, Macroeconomics, Health economics, International Trade
Operation and Management, Finance, Corporate Finance.

Research Areas

Health economics, healthcare financing, financial management of hospitals and
pharmaceutical industry, healthcare system and policy.

Selected Publications

1. Yifan Jiang, Bin Peng, Dandan Jin, Xinxin Peng³, **Jinghua Zhang***. "Confidence in China's Healthcare System: A Focus on Lower-Middle Class and Families." *Health Economics Review*, 2025 (SCIE/SSCI, Q1)
2. He, Wei, Jianwei Wu, Caleb Huanyong Chen, Aaron Finley, Hui Wang, Hui Huang, Chanwa Ng, Tinyat Chui, **Jinghua Zhang***, and Chitin Hon. "Predicting COVID-19 vaccination timing by integrating the theory of planned behavior and the diffusion of innovations: a cross-sectional survey in Macao, China." *Journal of Thoracic Disease* 17, no. 5 (2025): 2813. (SCIE, Q3)
3. Wu, Xiaoyu, Shuyang Wang, Yulong Tang, Jiabi Wang, and **Jinghua Zhang***. "Efficiency of the healthcare system and the impact of smoking bans: a DEA analysis of the Guangdong-Hong Kong-Macau Greater Bay Area in Asia." *Frontiers in Public Health* 13 (2025): 1576300. (SCIE/SSCI, Q1)
4. Wang, Jingya, Yijun Chen, Hongmin Zhang, and **Jinghua Zhang***. "Turnover intention and continuing professional development of rural doctors from targeted admission medical education program in China: a cross-sectional study in the post-COVID-19 era." *BMC Primary Care* 25, no. 1 (2024): 389. (SCIE/SSCI, Q2)
5. Zhang, Hongmin, and **Jinghua Zhang*** (2023). "Pollution Transfer under Intergovernmental Competition: Suppression or Opportunity." *Sustainability* 15.21: 15363. (SCIE/SSCI)
6. Wu, Jianwei, Caleb Huanyong Chen, Hui Wang, and Jinghua Zhang. "Higher collective responsibility, higher COVID-19 vaccine uptake, and interaction with vaccine attitude: Results from propensity score matching." *Vaccines* 10, no. 8 (2022): 1295. <https://doi.org/10.3390/vaccines10081295> (SCIE/SSCI, Q1)
7. Peng, X., & **Zhang, J. H. *** (2022). Socioeconomic inequality in public satisfaction with the healthcare system in China: a quantile regression analysis. *Archives of Public Health*, 80(1), 1-12. (SCI/SSCI, Q2)
8. Wang, S., Wu, X., Li, Z., & **Zhang, J. H. *** (2021). Tax-Exempt Status and Associated Factors among Charitable Foundations in China. *Sustainability*, 13(8), 4116. (SCI/SSCI)
9. Peng, X., Tang, X., Chen, Y., & **Zhang, J. H. ***. (2021). Ranking the Healthcare Resource Factors for Public Satisfaction with Health System in China—Based on the Grey Relational Analysis Models. *International Journal of Environmental Research and Public Health*, 18(3), 995.
10. Wang, J., Peng, B., Zhou, H., & **Zhang, J. H. ***. (2020). Dentists' entrepreneurial intention and associated factors in public hospitals in major cities in Guangdong (South China): a cross-sectional study. *BMC oral health*, 20(1), 1-11. (SCI/SSCI)
11. **Zhang, J. H. ***., Peng, X., Liu, C., Chen, Y., Zhang, H., & Iwaloye, O. O. (2020). Public satisfaction with the healthcare system in China during 2013–2015: a cross-sectional survey of the associated factors. *BMJ open*, 10(5), e034414. (SCI/SSCI, Q2)

12. **Zhang, J. H.***, Zhang, H., Liu, C., Jiang, X., Zhang, H., & Iwaloye, O. (2020). Association between Religion and Health in China: Using Propensity Score Matching Method. *Religions*, 11(1), 37. (A&HCI, Q1 in Religious study)
13. **Zhang, J. H.***; ZOU, Wen Chi; JIANG, Xiao Yang. One Religion, Two Tales: Religion and Happiness in Urban and Rural Areas of China. *Religions*, 2019, 10.9: 532. (A&HCI, Q1 in Religious study)
14. **Zhang, J. H.***, Yuan, J., & Wang, T. (2017). Direct cost of dengue hospitalization in Zhongshan, China: Associations with demographics, virus types and hospital accreditation. *PLOS Neglected Tropical Diseases*, 11(8), e0005784. (SCIE/SSCI, Q1)
15. **Zhang, J. H.***, Tam, K. P., & Zhou, N. (2016). Do smoking bans always hurt the gaming industry? Differentiated impacts on the market value of casino firms in Macao (China) , *Economics*, 10(28), 1. (SSCI)
16. **張靜華***，龐川，譚戈平，“澳門醫療補貼計畫對居民健康的影響：以循環系統疾病死亡率為例”，南方醫科大學學報,2014 年 08 期,1125-1128.(美國 Medline/PubMed,中文核心期刊)
17. **Zhang, J. H.***, Chou, S. Y., Deily, M. E., & Lien, H. M. (2014). Hospital ownership and drug utilization under a global budget: a quantile regression analysis. *International health*, 2014 Mar; 6(1):62-9. (SSCI, Q1)
18. **Zhang, J. H.***. (2013). Bend the healthcare cost curve without pain? The health outcome after the Medicare reimbursement cut in 1997. *The International Journal of Health Planning and Management*. (SSCI, Q2)

Book Chapters:

with Shin-Yi Chou, Mary Beth Deily and Hsien-Ming Lien, “Global Budgets and Provider Incentives: Hospitals’ Drug Expenditures in Taiwan”, *Advances in Health Economics and Health Services Research*, Volume 22, 103-122, Avi Dor (editor), by Emerald Group Publishing Limited (ISSN: 0731-2199), 2010.

Conference papers

1. Jian Pu, **Zhang JH**, Zeng PX, Lan X. Association between transparency and donation revenue of charity foundations in china: Using a quantile regression method. *Proceedings Of the 2018 International Conference on Education, Economics and Social Science*, 118-120, 2018.
2. Zhang Jing Hua, Xu SD. The impacts of hospital M&A on the financial risks of pharmaceutical firms in china. *Proceedings of 2nd International Conference on Social Science, Management and Economics*, 899-902, 2016.
3. International Conference on Management Science and Engineering: “The Healthcare Reform’s Impact on IT Industry in the USA”, Macau (China), June 2013.
4. Seventh Biennial Conference of Hong Kong Economic Association: “Bend the

Healthcare Cost Curve Without Pain? The Health Outcome after the Medicare Reimbursement Cut in 1997”, Hong Kong (China), December 2012.

5. American Eastern Economic Association Annual Conference: “*Hospital drug prescription strategy under Global Budgeting in Taiwan*”, Philadelphia, February 2010

Research Projects

2024.04 – 2025.04, PI, MUST Faculty Research Grant, "Digital Technology Empowering Governance and Public Confidence of Healthcare System in China"

2022.02 - 2023.08, PI, MUST Faculty Research Grant, "Relationship between the 6-minute emergency response system in Macao and the reduction of circulatory system mortality: based on interrupted time series analysis"

2019.12.-2020.5, PI, Macao Higher Education Fund, "Demand and Supply of Medical Services in the Context of China's Medical and Health System Reform: The Perspective of Social Public Satisfaction and Entrepreneurial Behavior of Dental Doctors (First stage)"

2019. 1-10, Co-PI. Macao Health Bureau, "Financing of the Health System in Macao"

2018. 8-12, Co-PI. Macao Health Bureau, "Dental Subsidy Program for the Elderly in Macao".

2017.1 - 2017.12 Core member. Macau Social Security Fund, “Design and Demonstration on the Linkage Plan of the Guangdong-Macao Pension System”

2016.12 - 2017.12 PI, MUST Faculty Research Grant, “Analysis of related factors affecting hospital treatment costs of dengue fever”

2014.12 – 2015.12 PI, Macau Foundation, “The economic impacts of smoking bans on casinos”

2013.12 – 2014.12 PI, MUST Faculty Research Grant, “Earning Management Using Real Activities in Non-For-Profit Hospitals in the USA”

2012.12 – 2013.12 PI, Macau Foundation, “The Social Economic Effects of Macao Cash Medical Voucher Program: the Case of Emergent Patient Health Outcomes”

Membership of Academic Associations and community service

- Member, China Health Policy and Management Society (<http://www.chpams.org/>)
- External Advisor, the International Business School of Shannxi Normal University
- External Volunteer Advisor, Guanqun Investors’ Group
- Member, AACSB Member Forum

Honors/Awards

Outstanding Achievements of Macao Humanities and Social Sciences Research (5th, 2019)

University Award for Online Teaching Excellence (2020)

University Award for Teaching Excellence (2024)