

Bo Li

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Office: 608, School of Economics, Peking University

Education

PhD in Economics, Department of Economics, Stony Brook University, 2018

MS in Economics, School of Economics, Peking University, 2014

BS, School of Mathematical Sciences, Peking University, 2010

Work Experience

Assistant Professor, Researcher, doctoral supervisor, School of Economics, Peking University, 2018 – present

Vice Chair of Department of Economics, Deputy Secretary of the Party Branch, School of Economics, Peking University, 2019 – present

Assistant Professor, Researcher, Institute for Artificial Intelligence, Peking University

Deputy Head of Research Center for Market Economy, Peking University, 2022 - present

Research Fields

Macroeconomics, Public Finance, Computational Economics, Artificial Intelligence

Publications

Economic and Welfare Effects of Property Tax Reform: A Quantitative Study Based on Heterogeneous Agent Model. (Coauthor: Xiao Wang), *The Journal of World Economy (in Chinese)*, Volume 46, 2023.

A Quantitative Evaluation of Universal Basic Income. (Coauthor: Juan Carlos Conesa, Qian Li), *Journal of Public Economics*, Volume 223, 2023

Economic Policy Uncertainty, Investment Confidence and Level of Corporate Valuation. (Coauthor: Xiao Wang, Yuxin Zhu). *Investment Research (in Chinese)*, Volume 42, 2023.

Urban Intelligence, Residents Labor Supply, and Inclusive Employment - Evidence from a Quasi-natural Experiment (Coauthor: Chengming Li, Xiao Wang). *Research on Economics and Management (in Chinese)*, Volume 44, 2023

Optimally biased contests with draws. (Coauthor: Zenan Wu, Zeyu Xing), *Economic Letters*, Volume 226, 2023

Pipeline for characterizing alternative mechanisms (PCAM) based on bi- clustering to study colorectal cancer heterogeneity. (Coauthor: Chi Zhang), *Computational and Structural Biotechnology Journal*, 2023

Simulating Rise and Fall Cycles of Vietnam Empires. (Coauthor: Peng Lv), *Fundamental Research*, 2023

Promote the circulation of the national economy and promote the balanced development of supply and demand. (Coauthor: Han Shi), *Review of Financial & Technological Economics (in Chinese)*, 2022.

Quantitative analysis of health insurance reform in China: Pure consolidation or universal health insurance?(coauthor: Hanyang Wang, Kun Cui). *Economic Modelling*, 2021

Impact of Property Tax Levy on Housing Price and Rent: Theoretical Models and Simulation with Insights on the Timing of China Adopting the Property Tax. (Coauthor: Ping Zhang, Yilin Hou), Finance & Trade Economics (*in Chinese*) , Volume 41, 2020.

Welfare Implications of Switching to Consumption Taxation. (Coauthor: Juan Carlos Conesa, Qian Li). *Journal of Economic and Dynamics Control* 120, 103991, 2020

A Quantitative Analysis of the Optimal Energy Policy from the Perspective of China's Supply-Side Reform. *Sustainability* 2020, 12, 4800. (Coauthor: Jianming Xi, Hanran Wu, Jingyu Liu)

Working Papers

How Government Expenditure Redistributes Household Wealth in China: The Diverse Effects of Public Expenditure on the Housing Asset Value (Coauthor: Ping Zhang, Xiao Wang), under review

Forward Guidance and Fiscal Policy Coordination: Solving Stimulus When Inequality Matters (Coauthor: Xiao Wang, Christian Payne Hennigan), R&R

Rational stock bubbles and policy analysis. (Coauthor: Ke Dong)

Changes in Housing Markets and Spatial Sorting in the United States. (Coauthor: Juan Carlos Conesa)

Worker Relocation, Housing Markets, and the Distribution of Economic Shocks Across Locations. (Coauthor: Qian Li)

The Cost of Rent and Purchase of Urban Housing and the Choice of New Citizens' Inflow. (*in Chinese*), (Coauthor: Xiao Wang, Daixin He), under review.

A Study on the Emotional Index of the Real Estate Market Based on Natural Language Processing Technology, work in progress.

From "Home Ownership Scheme" to "Meeting the Housing Needs": The Economic and Welfare Effects of Government-subsidized Rental Housing. (*in Chinese*), (Coauthor: Xiao Wang, Hui Zhang), R&R.

Assessing the distributional impacts of carbon pricing in China's agricultural sector. (coauthor: Jing-Yu Liu), under review

Book

"Economic Policy, Regional Development and Macroeconomics", written by Bo Li, "China Social Sciences Press", ISBN 978-7-5227 -1626-8, 2023

Research Projects

Jinan Municipal Development and Reform Commission, Jinan City's "Preliminary Research on the 14th Five-Year Plan", sub-topic "Research on the Goals and Main Indicators of Jinan City's High-Quality Development During the '14th Five-Year Plan' Period" (130,000), 2019.7-2020.5, completed Conclude, host

Peking University Baidu Fund, 2020 Peking University Baidu Fund Frontier Cultivation Project (750,000 RMB), "Establishing an Artificial Multi-Agent Game Engine Linking Microeconomic Activities to Macroeconomic Goals," January 2021 - January 2022, completed, co-PI

Peking University - Lincoln Institute, 2020 Research Fund (80,000 RMB), "Design of Optimal Property Tax Reform," January 2021 - January 2022, ongoing, principal investigator

Peking University Capital High-End Think Tank 2021 Project, "Research on Building a Modern Industrial System and Optimizing Industrial Structure in the Capital - Based on the Perspective of Automation Potential," completed

Ministry of Finance Special Project, 2021, completed

National Natural Science Foundation of China, Young Scientist Fund Project (300,000 RMB), "Design of Optimal Property Tax Reform: A Quantitative Study Based on Heterogeneous Household Models," January 2023 - December 2025, ongoing, principal investigator

New Engineering Interdisciplinary Youth Project (170,000 RMB), "Emergence and Evolution of Currency Based on Multi-Agent Learning," June 2023

Beijing University Open Project of the National Intelligent Social Governance Experimental Base in Donghu High-Tech Zone (800,000 RMB), "Research on Macroeconomic Theories, Algorithms, and Models Based on AI - Scenario Simulation in Donghu High-Tech Zone"

Other Projects

Hybrid Teaching Pilot Program Establishment, 2019 - 2020

Undergraduate Teaching Reform Project: Ideological and Political Education Design for the "Principles of Economics - Macroeconomics" Course, 2021

Peking University 2020 Planning Textbook Construction Project

Establishment of Peking University's "Graduate Education Innovation Program" Funding, 2021

Undergraduate Education Reform Project: Enterprise Course Management - Research on Team Management Using Feishu APP, 2022

Honor and Awards

Peking University Teaching Excellence Award, 2023

Peking University Outstanding Moral Education Award, 2021

Industrial and Commercial Bank of China Scholarship - Excellence in Economics

Beijing Municipal High-Quality Teaching Materials and Courseware Award

Second Prize in Peking University Young Teachers' Basic Teaching Skills Competition

Peking University Outstanding Communist Party Member

Peking University Outstanding Class Advisor

Marty Weinbaum Excellence in Research Award, 2018

Graduate Scholarship, Stony Brook University, 2012 – 2018

Teaching Experience

Undergraduate Courses: Principles of Macroeconomics, Artificial Intelligence and Society

Graduate Courses: Mathematical Economics, Computational Economics

Professional Roles

Vice Secretary-General and Standing Committee Member of the CCF Computational Economics Professional Group

Member of the Beijing Municipal Economics Association

Member of the National Economic Accounting Research Association Council