

Jiayi Wen 文家奕

Economics Building, Xiamen University
Xiamen 361005, Fujian, China
Updated on September 16, 2023

Phone: +86 188-501-62668
Email: wjyecon@gmail.com
Homepage: <https://wjyecon.weebly.com/>

Academic Appointment

Xiamen University, School of Economics and Wang Yanan Institute for Studies in Economics Assistant Professor	2018-present
--	--------------

Research Interests

Labor Economics, Health Economics, Public Economics, Applied Econometrics

Research Related Positions

SN Business & Economics, Editorial Board	2022 - Present
Global Labor Organization (GLO), Research Fellow	2019 - Present
Federal Reserve Bank of New York, Short-Term Visit	Apr.-Jun. 2017
Bank of Spain, Research Assistant	Aug.-Oct. 2015
National Development and Reform Commission of China, Academy of Macroeconomic Research, Research Assistant	Sep.-Dec. 2011

Education

Ph.D. in Economics, CEMFI, Spain Committee: Pedro Mira, Manuel Arellano, Josep Pijoan-Mas	2014-2018
M.Phil. in Economics and Finance, CEMFI, Spain	2012-2014
B.A. in Economics, Nankai University, China	2008-2012

Research Papers

- (1) *Parental Health Penalty on Adult Children's Employment: Gender Difference and Long-Term Consequence (with Haili Huang, submitted)*

This paper examines the long-term gender-specific impacts of parental health shocks on adult children's employment in China. We build up an inter-temporal cooperative framework to analyze household work decisions in response to parental health deterioration. Then employing an event-study approach, we establish a causal link between parental health shocks and a notable decline in female employment rates. Male employment, however, remains largely unaffected. This negative impact shows no abatement up to eight years that are observable by the sample. These findings indicate the consequence of "growing old before getting rich" for developing countries.

- (2) *Occupational Retirement and Social Security Reform: the Roles of Physical and Cognitive Health (submitted)*

Despite the increasing cognitive demands of jobs, our understanding about the role of health in retirement has centered on its physical dimensions. This paper documents a novel fact that retirement

corresponds with physical and cognitive decline distinctly across jobs. Then I estimate a dynamic programming model of retirement that incorporates multiple health dimensions, allowing differential effects on labor supply across occupations. Results show that the effect of cognitive health surges exponentially after age 65, and it explains a notable share of the employment decline in cognitively demanding occupations. Under pension reforms, poor physical health mainly impedes manual workers from delaying retirement, whereas poor cognitive health shows no impact for them but dampens the response of clerical and professional workers, which unevenly exacerbates the welfare losses across occupations. The results suggest that ignoring the cognitive dimension will generate biased assessments on retirement policies due to the shifting job requirements.

(6) *Multidimensional Health, Heterogeneous Job Requirements, and Older Workers' Labor Supply (working paper)*

How does the effects of health on retirement vary with the diverse ability requirements across jobs? By linking the restricted version of Health and Retirement Study to detailed information about occupation requirements, this paper explores retirement effects of the interaction between job requirements and multiple health dimensions. I find self-reported health has larger retirement effects in jobs that are more physically demanding but no such gradient by cognitive requirements. However, separating health into the physical and cognitive dimensions reveals significant heterogeneous effects. While physical health shows greater gradients than the self-reported health by physical requirements, cognitive health appears to affect retirement more strongly in occupations with higher cognitive requirements. Robustness checks suggest these gradients are unlikely to be driven by the reverse causality.

(3) Assortative Mating and Geographic Sorting (with Jiaming Mao, draft coming soon)

(4) Intergenerational Contract and Female Labor Supply (with Yang Yue, draft available upon request)

(5) A Search of Reference-dependent Preferences from Indian Boat Owners' Dynamic Labor Supply (with Xavier Gine, Monica Martinez-Bravo and Pedro Mira, working paper)

(7) The Impact of Wage Gaps across Firms on Regional Income Distribution in China: An Analysis based on Firm Heterogeneity (with Lichao Wu, *Economic Science* , 2013 vol. 1, 74-87, in Chinese)

Seminars and Conference

2023

4th Asian Workshop on Econometrics and Health Economics (scheduled)	Manila, Philippines
University of International Business and Economics (scheduled)	Beijing, China
CEPAR and University of New South Wales (online)	Sydney, Australia
2023 Annual Meeting of Chinese Labor Economists, by Zhejiang University	Hangzhou, China
2023 Asia Meeting of the Econometric Society, by Tsinghua University	Beijing, China

2022

CCER and NCER Conference on Chinese Economy, by Peking and Tsinghua University (online)	Beijing, China
Workshop on Trade and the Labor Market, by Kobe University (online)	Kobe, Japan

2021

Central University of Finance and Economics (online)	Beijing , China
Shanghai University of Finance and Economics (online)	Shanghai , China

2020

Renmin University	Beijing, China
University of Tokyo (rescheduled online due to Covid)	Tokyo, Japan
National Graduate Institute for Policy Studies (GRIPS) (rescheduled online due to Covid)	Tokyo, Japan
EALE/SOLE/AASLE World Conference (rescheduled online due to Covid)	Berlin, Germany

2019

Singapore Management University	Singapore
Annual Meeting of The Asian and Australian Society of Labor Economics	Singapore
European Meeting of The Econometric Society	Manchester, UK
Asian Meeting of The Econometric Society	Xiamen, China
China Meeting of The Econometric Society	Guangzhou, China
2nd UNNC Workshop on Advances in Economic Research	Ningbo, China

2018

Jinan University	Guangzhou, China
Southwestern University of Finance and Economics	Chengdu, China
Nankai University	Tianjin, China
Annual Meeting of The Asian and Australian Society of Labor Economics	Seoul, Korea
International Symposium on Contemporary Labor Economics	Xiamen, China
CPBS Workshop on Migration and Urbanization in China	Chengdu, China
University of Melbourne	Melbourne, Australia
Vanguard Group	Philadelphia, USA
Peking University, National School of Development	Beijing, China
Federal Reserve Bank of New York	New York, USA

2017

42nd Symposium of the Spanish Economic Association	Barcelona, Spain
9th International Symposium on Human Capital and Labor Markets	Beijing, China

2015

4th Madrid Microeconomics Graduate Workshop	Madrid, Spain
VIU Summer Institute on Ageing	Venice, Italy

Grants and Scholarships

The Fundamental Research Funds for the Central Universities	2022-2024
The National Natural Science Foundation of China (NSFC)	2020-2022
The Fundamental Research Funds for the Central Universities	2019-2021
Spanish Ministry of Economy and Competitiveness FPI Grant	2015-2018
CEMFI Ph.D. Scholarship	2014-2015
CEMFI Master Scholarship	2012-2014
VIU Summer Institute on Ageing Grant	2015

Referee

China Economic Review, China & World Economy, Journal of International Trade & Economic Development, Journal of Labor Research, PLOS ONE

Skills

Programming and Computer Related: Fortran, Matlab, Python, Stata, \LaTeX
Language : Chinese (native), English (fluent), Spanish (basic)