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Employment

2022– Assistant Professor, [School of Economics](#), Peking University

Affiliations

2024– GLO Fellow, [Global Labor Organization \(GLO\)](#)
2023– Deputy Director, [China Credit Research Center of Peking University \(CCRC\)](#)

Education

2016–22 **Ph.D.** Economics, **M.A.** Economics, University of Washington
2010–16 **Master** Finance, **B.Sc.** Mathematics, **Bachelor** Economics, Peking University

Research

[Google Scholar](#); † → Equal contribution; * → Correspondence

Fields of Interest

- **Development Economics:** Human capital; Population; Precarious employment; Gender equality; Health behavior; Individual wellbeing.
- **Empirical Industrial Organization:** Productivity; Industrial policy; Consumer demand; Market structure; Green economy; Platform economy.

Representative Peer-reviewed Journal Articles

- R1. **Zhuang, C. C.**, Shao*, C. & Chen, Q. Heterogeneous impacts of trade liberalization on export entry and training: A multi-destination perspective. *The World Economy* **00** (2025).
– [Link](#)
– Topic: Human capital; Productivity; Market structure
– Presented: WEAI's 99th Annual Conference; 2024 ICEE at PSU Altoona.
- R2. Xu, H., **Zhuang***, C. C., Oddo, V., Malembaka, E. B., He, X., Zhang, Q. & Huang, W. Maternal preconceptional and prenatal exposure to El Niño-Southern Oscillation levels and child mortality: A multi-country study. *Nature Communications* **15** (2024).
– [Link](#) to the paper; [Link](#) to the publisher correction
– Topic: Human capital; Population.

- R3. **Zhuang, C. C.**, Jones-Smith, J., Andrea, S., Hajat, A. & Oddo*, V. Maternal precarious employment and child overweight/obesity in the United States. *Preventive Medicine* **169** (2023).
 – [Link](#)
 – Topic: Human capital; Precarious employment.
- R4. 秦雪•, 庄h* & h汝岱. 计划生育对子女教育水平, q响——e自中国, ®观证据. *经济学季刊* **17** (2018).
 – [Link](#)
 – Topic: Human capital; Population.
- R5. Chen, Y., **Zhuang***, C. C. & Yang, R. Does the One-Child Policy improve children's human capital in urban China? A regression discontinuity design. *Journal of Comparative Economics* **45** (2017).
 – [Link](#)
 – Topic: Human capital; Population.

Other Peer-reviewed Journal Articles

- O1. Liu[†], J., Zhao[†], W. & **Zhuang[†], C. C.** Going green or losing edge? The impact of government procurement on carbon reduction and firm value in China. *Energy Economics* **142** (2025).
 – [Link](#)
 – Topic: Green economy
 – Presented: Central University of Finance and Economics (by coauthor).
- O2. Kamil[†], N. N., Xiao[†], S., Syed Salleh[†], S. N., Xu, H. & **Zhuang*, C. C.** Nonlinear impacts of climate anomalies on oil palm productivity. *Heliyon* **10** (2024).
 – [Link](#)
 – Topic: Productivity.
- O3. Li[†], Y., Song[†], X., Sun*, L., **Zhuang*, C. C.**, Liu, J. & Yang, M. Exploring urbanization strategies by dissecting aggregate crowd behaviors: A case study in China. *Systems* **12** (2024).
 – [Link](#).
- O4. Liu[†], J., Li[†], Y., Xu, Y., **Zhuang*, C. C.**, Hu, Y. & Yu, Y. Impacts of built environment on urban vitality in cultural districts: A case study of Haikou and Suzhou. *Land* **13** (2024).
 – [Link](#).
- O5. Xiao, S. & **Zhuang*, C. C.** Measuring and decomposing the multidimensional financial wellbeing in Malaysia. *Empirical Economics Letters* **23** (2024).
 – [Link](#)
 – Topic: Gender equality; Individual wellbeing.
- O6. Yu, F., Li, N., **Zhuang*, C. C.** & Chen, J. Can rising urban house prices actually limit the outward FDI by firms in a home country? A story from China. *Journal of International Money and Finance* **147** (2024).
 – [Link](#)
 – Topic: Productivity; Market structure.
- O7. Cui[†], Z., Liu[†], L. & **Zhuang[†]*, C. C.** The impact of the removal of Zero-COVID policies on subjective well-being: Evidence from a digital world. *Economics Letters* **229** (2023).
 – [Link](#)
 – Topic: Individual wellbeing; Health behavior.

- O08. Oddo*, V., **Zhuang, C. C.**, Dugan, J., Andrea, S., Hajat, A., Peckham, T. & Jones-Smith, J. Association between precarious employment and BMI in the United States. *Obesity* **31** (2023).
 – [Link](#)
 – Editors' Choice
 – Topic: Precarious employment.
- O09. Huang, Q., Xiao, S. & **Zhuang*, C. C.** The heterogeneous impact of COVID-19 in a two-sided market: Evidence from a live-streaming platform. *Applied Economics* **54** (2022).
 – [Link](#)
 – Topic: Consumer demand; Market structure; Platform economy.
- O10. Huang, Q. & **Zhuang*, C. C.** Training, productivity, and wages: An investigation of China's manufacturing enterprises in a privatization era. *Economics of Transition and Institutional Change* **30** (2022).
 – [Link](#)
 – Topic: Human capital; Productivity.
- O11. Xu, H., **Zhuang*, C. C.**, Guan, X., He, X., Wu, R., Wang, T., Zhang, Q. & Huang, W. Associations of climate variability driven by El Niño-Southern Oscillation with excess mortality and related medical costs in Chinese elderly. *Science of the Total Environment* **851** (2022).
 – [Link](#)
 – Topic: Population; Health behavior.
- O12. Oddo*, V., **Zhuang, C. C.**, Andrea, S., Eisenberg-Guyot, J., Peckham, T., Jacoby, D. & Hajat, A. Changes in precarious employment in the United States: A longitudinal analysis. *Scandinavian Journal of Work, Environment & Health* **47** (2021).
 – [Link](#)
 – Highly cited paper; cited by *The Lancet* ([Link](#)), *The BMJ* ([Link](#)), Wikipedia ([Link](#)) and so on; cited by 53 news stories from 52 outlets by 2024
 – Topic: Precarious employment; Gender equality.
- O13. Chen, Y., Shi*, J. & **Zhuang, C. C.** Income-dependent impacts of health insurance on medical expenditures: Theory and evidence from China. *China Economic Review* **53** (2019).
 – [Link](#)
 – Topic: Health behavior.
- O14. Qin*, X., Wang, T. & **Zhuang, C. C.** Intergenerational transfer of human capital and its impact on income mobility: Evidence from China. *China Economic Review* **38** (2016).
 – [Link](#)
 – Topic: Human capital.
- O15. 夏庆p*, 孙祁祥 & 庄h. 中国经济I 型时 性别工资差 分• . 社会科学战线 (2015).
 – [Link](#)
 – Topic: Gender equality.
- O16. 秦雪• *, 周建波, > 奕 & 庄h. 城乡二C医疗保险结, 对œ民工Ô乡 ? , q 响——以北京市œ民工为例. 中国œQ 经济 (2014).
 – [Link](#)
 – Topic: Population.
- O17. 庄h*. 马K 思拜物教, S 代 义. 经济师 (2013).
 – [Link](#).

Selected Working Papers

- W1. Liu, Z., **Zhuang***, C. C. & Wu, Y. *Existing national anti-poverty campaign and mental health* 2025.
 – Draft available upon request
 – Topic: Individual wellbeing
 – Presented: City University of Macau, Liaoning University, the 3rd Xiangjiang River Forum in Economics, Finance and Management for Young Scholars.
- W2. Xiao, S., **Zhuang***, C. C., Hamdan, R., Wong, C. Y. & Syed Salleh, S. N. *The Q-Q trade-off revisit: Family responses to the first temporary basic income program in Malaysia* 2025.
 – Draft available upon request
 – Topic: Human capital; Population
 – Presented: the 7th RUC-GLO Annual Conference on “Low Fertility and Population Ageing”.
- W3. Chen, Y.-c., Huang, Q., Wang, Y. & **Zhuang***, C. C. *Product assortment and competition: Evidence from live-streaming platform influencers* SSRN 4748263, Under Review. 2024.
 – [Link](#)
 – Topic: Market structure; Platform economy
 – Presented: 2021 INFORMS Annual Meeting (by coauthor).
- W4. Cui, Z., Lu, F., Qin, X., Yao, J. & **Zhuang, C. C.** *Sex education, dating behaviors, and fertility intentions: Evidence from a classroom field experiment in Chinese university* 2024.
 – Draft available upon request
 – Topic: Human capital; Population; Gender equality
 – Presented: Fudan University (by coauthor), Liaoning University International Conference 2024 (“China Development and Global Economy”) (by coauthor).
- W5. Huang, Q., Lu, Z. & **Zhuang***, C. C. *Examining the Zero-Markup Drug Policy in China: A structural approach* SSRN 4789836, Under Review. 2024.
 – [Link](#)
 – Topic: Industrial policy; Consumer demand; Market structure
 – Presented: Nankai University, Liaoning University, SUNY Albany (by coauthor), 2022 SUFE-JinanIO Conference (aka. China-VIOS), 2022 AEA/ASSA Annual Meeting, 2021 China Meeting of Econometric Society, WEAI’s 2021 Virtual International Conference (by coauthor), WEAI’s 96th Annual Conference.
- W6. Shi, J., Wang, X. & **Zhuang***, C. C. *Health insurance design with heterogeneous preferences* 2023.
 – Draft available upon request
 – Topic: Industrial policy; Consumer demand; Market structure
 – Presented: Renmin University of China, Capital University of Economics and Business, Central University of Finance and Economics, 2022 ARIA Annual Meeting, WEAI’s 98th Annual Meeting.

Awards and Honors

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| 2023 | Excellent Class, Peking University School of Economics |
| 2023 | Excellent Head Teacher, Peking University |

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| 2021 | Grover & Creta Ensley Fellowship, University of Washington |
| 2018 | Rachel M. Storer Award in Labor Economics, University of Washington |
| 2016 | Excellent Graduate, Beijing |
| 2015 | Cao Fengqi Scholarship, Peking University |
| 2014 | National Scholarship (Master Student), China |
| 2013, 2015 | Leo KoGuan Scholarship, Peking University |

Grants and Projects

Principal Investigator

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| 2024–25 | <i>The pro-innovation roles of government procurement: Evidence from the pharmaceutical industry</i> , Peking University School of Economics Research Seed Grant, 30,000 CNY |
| 2024–25 | <i>The economic and health impacts of climate variability on vulnerable populations</i> , Peking University School of Economics Research Seed Grant, 30,000 CNY |
| 2023–25 | <i>Policy, environment, and health: Theory and evidence in economics</i> , Fundamental Research Funds for the Central Universities, Peking University (7100604271 for 2023, 7100604568 for 2024, ID for 2025 not available yet), 200,000 CNY |
| 2022–23 | <i>The measurements, causes and consequences of precarious employment: The perspective of vulnerably employed mothers' child health</i> , Peking University School of Economics Research Seed Grant, 30,000 CNY |

Main Participant

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| 2020–22 | <i>Precarious Employment as a Determinant of Obesity and Cardiometabolic Risk</i> , National Institutes of Health (R00MD012807), 762,000 USD |
| 2016–19 | National Natural Science Foundation of China (71573003), 400,000 CNY |
| 2016–18 | National Natural Science Foundation of China (71503014), 180,000 CNY |

Selected Presentations

Talks

- T1. Liu, Z., **Zhuang, C. C.** & Wu, Y. *Exiting national anti-poverty campaign and mental health* Economics and Finance Workshop (City University of Macau). [Link](#). Jan. 2025.
- T2. Liu, Z., **Zhuang, C. C.** & Wu, Y. *Cutting the apron strings: Lifting poverty monitoring and mental health* The 3rd Xiangjiang River Forum in Economics, Finance and Management for Young Scholars (Hunan University Center for Economics, Finance and Management Studies). [Link](#). Oct. 2024.
- T3. Xiao, S., **Zhuang, C. C.**, Hamdan, R., Wong, C. Y. & Syed Salleh, S. N. *Temporary basic income, human capital investment, and fertility decisions: The trade-offs in household resource allocation* The 7th RUC-GLO Annual Conference on "Low Fertility and Population Ageing" (Beijing, China). [Program](#). Nov. 2024.
- T4. **Zhuang, C. C.**, Shao, C. & Chen, Q. *Heterogeneous impacts of regional trade liberalization on export entry and training: A multi-destination perspective* WEAI 99th Annual Conference (Seattle, WA, USA). [Program](#). July 2024.

- T5. Shi, J., Wang, X. & **Zhuang, C. C.** *Health insurance design with heterogeneous preferences* Renmin University of China. [Link](#). May 2023.
- T6. Huang, Q., Lu, Z. & **Zhuang, C. C.** *Examining the Zero-Markup Drug Policy in China: A structural approach* SUFE-Jinan IO Conference (Virtual). [Program](#). July 2022.
- T7. **Zhuang, C. C.** *The economic impacts of climate change, employment environment, and pharmaceutical policy reform* Ecology, Environment, and Climate Economics Workshop (Peking University School of Economics). [Link](#). Sept. 2022.
- T8. Huang, Q., **Zhuang, C. C.** & Lu, Z. *Vertical separation and price bargain: A case study of China's lipid-lowering drug industry* WEAI 96th Annual Conference (Virtual). [Program](#). June 2021.
– I served as the session chair and host.
- T9. Huang, Q., **Zhuang, C. C.** & Lu, Z. *Vertical separation and price negotiation: A case study of China's lipid-lowering drug industry* China Meeting of the Econometric Society (Virtual). [Program](#). July 2021.
– I was the actual presenter.

Posters

- P1. Huang, Q., Lu, Z. & **Zhuang, C. C.** AEA/ASSA Annual Meeting (Virtual). Jan. 2022.
- P2. Shi, J., Wang, X. & **Zhuang, C. C.** *Health insurance design in a tiered medical system* ARIA Annual Meeting 2022 (Long Beach, CA, USA). Aug. 2022.
- P3. Huang, Q. & **Zhuang, C. C.** NABE TEC 2020 (Virtual). Nov. 2020.

Selected Media Coverage

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| 2024 | 澎湃新闻, 北大经院科研 庄h 助 教授、龚 博士 合作论文分别发h于Nature子刊 [R2] |
| 2023 | UIC Today, Precarious work associated with high BMI [O8] |
| 2021 | Forbes, Gig Platforms Failing To Provide Fair Work (Still) . (Our study [O12] was cited in the first paragraph of the article.) |

Teaching

Peking University

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| 2023– | Instructor, Principles of Economics II |
| 2023– | Instructor, Modern Tools for Policy Analysis (Undergraduate and Graduate) |
| 2015 | Assistant Instructor, Sustainable Economics: China's Economic Development and Future Transition (LSE-PKU Summer School) |
| 2015 | Assistant Instructor, Advanced Econometrics I (Ph.D.) |
| 2015 | Assistant Instructor, Advanced Microeconomics I (Ph.D.) |

University of Washington

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| 2022 | Assistant Instructor, Operations Management (EMBA) |
| 2021 | Assistant Instructor, Statistical Reasoning (Undergraduate) |
| 2019–20 | Assistant Instructor, Intermediate Microeconomics (Undergraduate) |
| 2019 | Instructor, Advanced Microeconomics (Undergraduate) |
| 2018–19 | Instructor, Intermediate Microeconomics (Undergraduate) |
| 2018 | Assistant Instructor, Econometrics II (Ph.D.) |
| 2017 | Instructor, Introduction to Microeconomics (Undergraduate) |
| 2017 | Assistant Instructor, Introduction to Microeconomics (Undergraduate) |
| 2017 | Assistant Instructor, Introduction to Macroeconomics (Undergraduate) |

Academic Advising

Graduate

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| 2024– | Yuewen Hu, Peking University, Chair |
| 2024– | Jiajun Chen, Peking University, Chair |
| 2023– | Wenxin Tan, Peking University, Chair |
| 2024– | Qiuyin Ji, Peking University, Member |
| 2023– | Xu Ke, Peking University, Member |
| 2023– | Leiqiang Cui, Peking University, Member |
| 2023– | Xiaoxue Zong, Peking University, Member |
| 2022– | Yisong Wang, Peking University, Member |
| 2022– | Jingyu Yin, Peking University, Member |

Undergraduate

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| 2024–25 | Hou-Chai Chen, Sio-Mei Yuan, Jingsong Huang, Li Wang, Peking University |
| 2023–24 | Wenyi Wang, Yi-Ning Gan, Beile Zhu, Peking University |
| 2022–23 | Jingli Huang, Ziwei Zheng, Peking University |

Academic Services

Journal Referee (Current)

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| 2024– | International Journal of Industrial Organization, Digital Economy and Sustainable Development, Economic Analysis and Policy, Social Science & Medicine, Preventive Medicine, Heliyon |
| 2022– | Journal of Econometrics, Applied Economics, Emerging Markets Finance and Trade, The Lancet Planetary Health |
| 2019– | 经济学季刊, Economics of Transition and Institutional Change |
| 2014– | China Economic Review |

Journal Referee (Past)

2025 Economic Systems, Public Health, npj Heritage Science
2023 Frontiers in Psychology
2021 Applied Economics Letters

Project Consultant

2021– [UNDP Malaysia](#)
2021– [Malaysian Institute of Economic Research \(MIER\)](#)

Workshop Organizer

2023 PKU School of Economics-Institute for Global Health and Development Health &
Labor Workshop
2021–22 UW Econ Labor/Development Brownbag

Other Experience

2015–16 Intern, [Analysis Group, Inc.](#), Beijing
2014–16 Research Assistant, [Cheung Kong Graduate School of Business](#) (supervised by V.
Brian Viard), Beijing

Last updated: February 23, 2025