Peijie Ju

PhD Candidate in Economics | University of Bristol

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Education

PhD in Economics, University of Bristol 2022–present

Supervisors: Professor Helene Turon and Peter Spittal.

MRes in Economics, University of Bristol 2021–2022

MSc in Economics, North Carolina State University 2019–2021

BSc in Investment, Southwestern University of Finance and Economics, China 2010–2014

Research Interests

Labour economics; applied microeconomics; health economics; occupational mobility and mismatch.

Research Papers

Skill-Based Labour Market Segmentation and Mismatch Dynamics

Job Market Paper | Working paper

Abstract. Why can jobseekers struggle to find work while employers have unfilled vacancies? This paper studies mismatch: the misalignment between the distributions of jobseekers and vacancies across labour markets in the UK, 2016–2022. Combining Adzuna vacancies, UKHLS employment histories and ESCO skill requirements, I develop two ways to segment the labour market, based on required-skill similarity and career histories. Nine clusters based on required skills reveal larger pandemic-period movements in productivity-weighted mismatch than nine administrative SOC occupational groups. The skill-cluster series trends upward over the sample, including before COVID-19, whereas the SOC series trends downward. Detailed occupational estimates also rise, and fixed-share comparisons highlight the role of vacancy composition. The findings show why market definition matters for understanding labour reallocation and productivity, with implications for retraining policy.

Mental Health and Job Mobility

Work in progress

Abstract. Using the UK Household Longitudinal Study, this paper examines whether psychological distress shapes subsequent job mobility. Higher distress is positively associated with job changes, but estimates using family bereavement and local NHS Talking Therapies waiting time as instruments consistently do not reject a zero effect across alternative specifications. This contrast raises questions about how the source and measurement of mental-health variation shape estimates of workers' mobility.

Occupational Structure and Occupational Mobility over the Last 30 Years in the UK

Working paper

Abstract. Using the British Household Panel Survey and UK Household Longitudinal Study, this paper documents changes in UK occupational structure and worker mobility from 1991 to 2020. It examines employment polarisation, job transitions, wage differences and exposure to automation. Approximately half of observed job transitions cross occupational boundaries, and the analysis points to mobility constraints among workers in occupations exposed to high automation risk.

Conference Presentations and Service

Job Market Paper presented at:

International Conference on Empirical Economics (ICEE), Penn State Altoona August 2026

Royal Economic Society Annual Conference July 2026

25th Journées Louis-André Gérard-Varet (LAGV), Aix-Marseille June 2026

Also chaired the *Labor 1* parallel session at LAGV.

Teaching Experience

Teaching Assistant, Applied Quantitative Research Methods (EFIM20010) 2023–2026

School of Economics, University of Bristol

Facilitated Stata econometrics labs and independently taught tutorials, helping students understand methods, troubleshoot code and interpret results.

Teaching Assistant, Economic Data (ECON10016) 2023–2026

School of Economics, University of Bristol

Supported practical R and Excel labs on sourcing, cleaning, analysing and visualising economic data.

Teaching Development

CREATE HEA Fellowship Scheme, University of Bristol January 2027

Planned participation: reflective teaching practice and preparation for Associate Fellowship recognition.

Other Professional Experience

Administrative Staff, School of Economics, Hubei University 2018–2019

Supported the day-to-day administrative needs of students and academic staff.

Bank of Zhangjiakou, Shijiazhuang Branch, China 2014–2018

Formerly Zhangjiakou City Commercial Bank

Corporate lending (2015–2018): Supported loan assessment, origination, disbursement and monitoring.
Corporate account operations (2014–2015): Administered accounts and processed non-cash transactions.