

# Wenbo Zhu

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## Contact Information

Research Institute for Global Value Chains (RIGVC)  
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## Current Employment

Associate Professor, RIGVC, UIBE  
since January 2022

Assistant to the Dean, RIGVC, UIBE  
since July 2020

## Work Experience

Assistant Professor, RIGVC, UIBE January 2018 - December 2021

## Education

Ph.D. Economics, Queen's University	2011 - 2017
M.A. Economics, Dalhousie University	2009 - 2011
B.Econ., School of Economics, Nankai University	2002 - 2006

## Primary Research Interests

Macroeconomics, Labour Economics

## Ph.D. Dissertation

“Heterogeneous Technological Changes and Their Impacts on Income Inequality and Productivity Growth” (Supervisors: Huw Lloyd-Ellis and Sumon Majumdar)

## Publication

- “Hollowing Out and Slowing Growth: the Role of Process Innovations” **Review of Economic Dynamics**, Volume 45, July 2022, Pages 217-236.

## Working papers

- “Skill-Replacing Process Innovation and the Labour Market: Theory and Evidence” (April 2022) **Canadian Journal of Economics**, *Revise and resubmit*.  
- “Banking Crises and Energy Efficiency: Cross-Country Evidence” (September 2021), with Kunyu Wang, *submitted*.

## Work in Progress

- “Cumulative Innovation, Economic Growth, and Optimal Patent Protection”, with Amy Sun
- “Radical Innovation and Labour Union Density”, with Kunyu Wang

## Seminar and Conference Presentation

**2019:** Economic Fluctuation and Growth Research Workshop, Shanghai Jiao Tong University (April 2019), Macroeconomic Workshop, Nanchang University (May 2019), Invited presentation, Department of Economics, Jinan University, Guangzhou (November 2019)

**2018:** ThReD 2018 conference, Milan, Italy (June 2018), China Meeting of the Econometric Society, Shanghai, China (June 2018), Mini Workshop on Macro-Finance, SHUFE, Shanghai, China (discussant, May 2018), International Trade and Finance Association Annual Conference, Beijing, China (May 2018)

**2017:** Canadian Economics Association Annual Conference, Antigonish, Nova Scotia, Canada (June 2017)

**2016:** Atlantic Canada Economics Association Meetings, Sackville, New Brunswick, Canada (Oct 2016); Canadian Economics Association Annual Conference, Ottawa, Ontario, Canada (June 2016)

**2015:** Research Seminar, Centre for Research of Private Economy, School of Economics, Zhejiang University, China (invited talk, Dec 2015); Canadian Economics Association Annual Conference, Toronto, Ontario, Canada (May 2015)

## Honours and Awards

- John Deutsch Institute Doctoral Fellowship 2016-2017
- Bank of Canada Graduate Student Paper Award (finalist) 2016  
“Skill-Replacing Technological Change and the Skill Premium: Theory and Evidence”
- Queen’s Graduate Award, Dept. of Economics, Queen’s University 2011-2016
- International Tuition Award, Queen’s University 2011-2014
- U.L.G. Rao Memorial Prize in Economics, Highest GPA, Dalhousie University 2011
- Research Grants (only one recipient), Dept. of Econ, Dalhousie University 2010-2011
- Scholarship for students with excellent academic records, Nankai University, 2002-2003, 2004-2005

## Teaching Experience

Instructor - UIBE

Global Production (graduate level), Spring 2022/2021/2020

RIGVC Masters Math Camp, Summer 2021/2020

Research methods and Thesis Writing in Economics (graduate level), Spring 2022

Instructor - Queen’s University

Macroeconomic Theory II, Fall 2017

Macroeconomic Theory I, Winter 2016

Instructor - The Royal Military College of Canada

Macroeconomic Theory and Policy I, Fall 2013

Teaching Assistant - Queen’s University

Macroeconomic Theory I (Head TA), 2013-2015  
Natural Resource Economics, Microeconomic Theory I, 2011-2013  
Macroeconomic Theory I, Macroeconomic Theory II  
Teaching Assistant - Dalhousie University  
International Finance, Resource Economics, 2010-2011  
Principles of Microeconomics, Principles of Macroeconomics

## Referee for

*Review of Economic Dynamics, Economic Modelling, China Economic Quarterly*

## Computer Skills

R, Stata, Python(SymPy), Matlab/Octave, Ox

## Professional Experience

Nypro Inc., Tianjin Branch, China	2006 - 2008
Production and Material Planner (Supplychain Management)	

## References

Huw Lloyd-Ellis (co-supervisor)  
Professor  
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Emeritus Professor  
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