# Wenbo Zhu

June, 2021

#### **Contact Information**

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# **Current Employment**

Assistant Professor (tenure track), RIGVC, UIBE

Jan 2018 - present

#### **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

#### Ph.D. Dissertation

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

# **Primary Research Interests**

technological change, income inequality, economic growth, patents

### **Publication**

- "Hollowing Out and Slowing Growth: the Role of Process Innovations" (June 2021) **Review of Economic Dynamics**, accepted.

# **Working papers**

- "Skill-Replacing Technological Change and the Skill Premium: Theory and Evidence" (Apr 2021) **Canadian Journal of Economics**, *Revise and resubmit*.

#### **Work in Progress**

- "Cumulative Innovation, Economic Growth, and Optimal Patent Protection", with Amy Sun
  - "Radical Innovation and Labour Union Density", with Kunyu Wang
  - "Banking Crises and Energy Efficiency: Cross-Country Evidence", 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 2021/2020

RIGVC Masters Math Camp, Summer 2020

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

# **Computer Skills**

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

# **Professional Experience**

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

# References

Huw Lloyd-Ellis (co-supervisor) Professor Department of Economics Queen's University lloydell@econ.queensu.ca +1 (613) 533-2276

Charles Beach Emeritus Professor Department of Economics Queen's University beachc@econ.queensu.ca +1 (613) 533-2278 Sumon Majumdar (co-supervisor) Associate Professor Department of Economics Queen's University sumon@econ.queensu.ca +1 (613) 533-2274