

# Xue Bai

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Citizenship: China  
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## Research Interests

- International Trade, Industrial Organization
- Labour Economics, Development Economics

## Academic Positions

- Assistant Professor, Department of Economics, Brock University      September 2014 - present
  - medical & parental leave, September 2016 to July 2017
  - sabbatical leave, January 2020 - June 2020
- Lecturer, Department of Economics, Brock University      July 2014 - September 2014

## Education

- Ph.D. in Economics, The Pennsylvania State University      2008 - 2014
- B.S. in Mathematics, Wuhan University, China      2003 - 2007
- B.A. in Economics, Wuhan University, China      2003 - 2007

## Membership of Professional Societies

- Trade and Economic Development (InsTED) Research Network,      2019 – present

## Refereed Journal Publications

- “Trade and Minimum Wages in General Equilibrium: Theory and Evidence”, with Arpita Chatterjee, Kala Krishna and Hong Ma, *Journal of International Economics*, 133 (2021) 103535.
- “Learning from Processing Trade: Firm Evidence from China”, with Shengjie Hong and Yaqi Wang, *Journal of Comparative Economics*, 49, no. 2 (2021): 579-602.
- “Controlling the Schedule Risk in Green Building Projects: Buffer Management Framework with Activity Dependence”, with Lei Xiao and Li Bie, *Journal of Cleaner Production*, 278 (2021): 123852.
- “How You Export Matters: Export Mode, Learning, and Productivity in China”, with Kala Krishna and Hong Ma, *Journal of International Economics*, 104 (2017): 122-137.

## Working Paper & Work in Progress

- “Trade and Selection with Heterogeneous Firms and Perfect Competition”, with Arpita Chatterjee, Kala Krishna and Hong Ma, *Working Paper*.
- “Productivity and Exporting: Selection, Learning by Exporting, and Preparing to Export”, with Bernardo Díaz de Astarloa and Kala Krishna, *Working Paper*.
- “Self-inflicted Wounds? China’s Restrictions on Direct Trading”, with Kala Krishna and Sergey Lychagin, *Working Paper*.
- “Strategic Eco-labeling and Consumer Informativeness”, with Lester M.K. Kwong and Ling Sun, *Working Paper*.
- “Trade Fair and Exporter Performance”, with Kala Krishna, Ryo Makioka and Hong Ma, *Work in progress*.
  - Part of the findings is published in the policy update “Export Trade Fairs and Coronavirus” at the Research Institute of Economy, Trade and Industry (RIETI) in both English and Japanese.
- “The Price and Welfare Effects of Consumer Goods Tariff Reduction: Evidence from China”, with Hong Ma and Ruobing Qin, *Work in progress*.
- “Climbing up the Export Ladder: Demand, Product Quality, and Processing Trade”, with Shengjie Hong and Yaqi Wang, *Work in progress*.
- “Effects of Minimum Wage on the Canadian Economy: Production, Trade, Employment and Inter-Provincial Migration”, with Miguel Cardoso, and Michael Haan, *Work in progress*.

## Grants, Awards, & Scholarships

- Social Sciences and Humanities Research Council (SSHRC), Insight Development Grant: “Effects of Minimum Wage Policy on the Canadian Economy: A General Equilibrium Model with Labour Mobility”.
  - Principal Investigator, joint with Miguel Cardoso (Co-applicant) and Mike Haan (Collaborator).
  - June 1, 2021 to May 31, 2023, \$65,758, SSHRC ref.: 430-2021-00891.
- Brock University, VPR, Research Initiative Award: “Effects of Minimum Wage Policy on the Canadian Economy: A General Equilibrium Model with Labour Mobility”.
  - Principal Investigator, joint with Miguel Cardoso (Co-applicant) and Michael Haan (Collaborator), 2020, \$7,000.
- Brock University, Faculty of Social Sciences, Council for Research in the Social Sciences (CRISS): “A Gravity Model of Migration”.
  - Co-applicant, joint with Miguel Cardoso, 2019, \$2,991.
- Brock University, Match of Minds: Inquiring Minds.
  - Co-applicant, joint with Diane Dupont, 2015, \$4,500.
- Brock University, Faculty of Social Sciences, Council for Research in the Social Sciences (CRISS): “How to Avoid Middle Income Trap? Heterogeneous Response and Quality Upgrading of Exporters to Real Exchange Rate Fluctuations”.
  - Principal Investigator, 2015, \$2,000.
- Brock University, Faculty of Social Sciences, Council for Research in the Social Sciences (CRISS): “Firms in International Trade: Search and Match in Trade Fair”.
  - Principal Investigator, 2014, \$1,994.
- National Natural Science Foundation of China (NSFC): “Estimating the Real Effects of Interventionist Policies in China: Structural and Reduced-Form Approaches”.
  - Co-applicant, joint with Hong Ma and Kala Krishna.
  - Grant No. 71203114, 2013-2015, 2013, \$34,290.
- Graduate Assistantship, Department of Economics, The Pennsylvania State University, 2008-2013.
- University Fellowship, Wuhan University, 2003-2007.
- Outstanding Student Award, Wuhan University, 2003-2007.
- Second Place, Summer Research Competition, Wuhan University, 2005.

## Conference Presentations

- Canadian Economics Association Annual Conference, 2021. Paper presented: “Climbing up the Export Ladder: Demand, Product Quality, and Processing Trade”.
- Advances in the Theory and Empirics of Institutions, Trade and Economic Development, In- sTED, 2019. Paper presented: “Trade and Minimum Wages in General Equilibrium: Theory and Evidence”.
- Canadian Economics Association Annual Conference, 2019. Paper presented: “Learning from Processing Trade: Firm Evidence from China”.
- CESifo and AUEB: The Minimum Wage Institution, 2018. Paper presented: “Trade and Minimum Wages in General Equilibrium: Theory and Evidence”.
- Workshop on Firms in Emerging Economies, IESR, Jinan University: Firms in Emerging Economies, 2018. Paper presented: “Trade and Minimum Wages in General Equilibrium: Theory and Evidence”.
- Canadian Economics Association Annual Conference, 2018. Paper presented: “Trade and Minimum Wages in General Equilibrium: Theory and Evidence”
- The Econometric Society Asian Meeting, 2017. Paper presented: “Self-inflicted Wounds? China’s Restrictions on Direct Trading”.
- The Econometric Society China Meeting, 2017. Paper presented: “Self-inflicted Wounds? China’s Restrictions on Direct Trading”.
- Canadian Economics Association Annual Conference, 2015. Paper presented: “How You Export Matters: Export Mode, Learning, and Productivity in China”.
- Barcelona GSE Summer Forum, 2014. Paper presented: “How You Export Matters: Export Mode, Learning, and Productivity in China”.
- NBER Chinese Economy Meeting, 2014. Paper presented: “How You Export Matters: Export Mode, Learning, and Productivity in China”.
- The Cornell-PSU Macro Conference, 2013. Paper presented: “How You Export Matters: Export Mode, Learning, and Productivity in China”.
- The Penn State Job Market Paper Conference, 2013. Paper presented: “How You Export Matters: Export Mode, Learning, and Productivity in China”.
- NBER ITI Spring Meetings, 2013. Paper presented: “How You Export Matters: Export Mode, Learning, and Productivity in China”.
- Midwest Economics Theory and International Trade Meetings, 2012. Paper presented: “How You Export Matters: Export Mode, Learning, and Productivity in China”.

- CESifo Area Conference on Global Economy, 2012. Paper presented: “How You Export Matters: Export Mode, Learning, and Productivity in China”.
- The Penn State - Tsinghua University Conference, China and the World Economy, 2012. Paper presented: “How You Export Matters: Export Mode, Learning, and Productivity in China”.
- Annual Conference of the Midwest Economic Association, 2012. Paper presented: “How You Export Matters: Export Mode, Learning, and Productivity in China”.

## **Invited Seminars**

- IESR at Jinan University, 2021 (scheduled). Paper to be presented: “Climbing up the Export Ladder: Demand, Product Quality, and Processing Trade”.
- Kansas State University, 2019. Paper presented: “Trade and Minimum Wages in General Equilibrium: Theory and Evidence”.
- Federal Reserve Bank of Kansas City, 2019. Paper presented: “Trade and Minimum Wages in General Equilibrium: Theory and Evidence”.
- McMaster University, 2019. Paper presented: “Learning from Processing Trade: Firm Evidence from China.”
- Wuhan University, 2015. Paper presented: “How You Export Matters: Export Mode, Learning, and Productivity in China”.
- City University of Hong Kong, 2014. Paper presented: “How You Export Matters: Export Mode, Learning, and Productivity in China”.
- Brock University, 2014. Paper presented: “How You Export Matters: Export Mode, Learning, and Productivity in China”.
- Auckland University, 2014. Paper presented: “How You Export Matters: Export Mode, Learning, and Productivity in China”.
- University of Kentucky, 2014. Paper presented: “How You Export Matters: Export Mode, Learning, and Productivity in China”.

## **Broadcast Interviews**

- Export Mode Choices of Chinese Exporters, Wu Zhijian’s Evidentialist Podcast Channel, 2018
- Formation of the Asian Infrastructure Investment Bank on International Trade and Development, The First Finance World, Canada National TV (CNTV), 2016

## **Editorial & Journal Review Activities**

- Associate Editor, Transnational Corporations Review (2019 - 2021)
- Scientific Committee Member, International Conference on Economics and Development at The International Institute of Knowledge Management (2018 - 2019)
- Journal of International Economics, Journal of Development Economics ( $\times 4$ ), Journal of the European Economic Association, Review of International Economics, Economic Inquiry ( $\times 3$ ), Canadian Journal of Economics ( $\times 3$ ), Economic Modelling, Journal of Industry, Competition and Trade, Empirical Economics, Annals of Economics and Finance ( $\times 2$ ), Transnational Corporations Review,

## **Teaching Experiences**

### **Courses Taught**

- Advanced Microeconomics, Fall 2017-2021 (present), Winter 2018-2019.
- International Money and Finance: Winter 2015-2016, Winter 2018-2019.
- Industrial Organization, Fall 2014-2015, 2017-2021 (present).
- Intermediate Microeconomics I, Fall 2015, Winter 2015-2016.
- Intermediate Microeconomics, Summer 2010 (at the Pennsylvania State University).

### **Teaching Development Activities**

- Instructional Skills Workshop (ISW), Summer 2015.
- Teaching Assistant (Graduate Level): Empirical Methods in Economics, 2010-2012.
- Teaching Assistant (Undergraduate Level): Advanced International Trade, 2013; International Economics, 2009-2010; Intermediate Microeconomics, 2008-2009.

## **Student Supervisions**

### **Graduate Supervisions, Doctor of Philosophy (Visiting Students)**

- Zhang, Yuan (University Mentorship Program: International Visiting Student, Co-supervisor completed in 2018)
- Lu, Kai (University Mentorship Program: International Visiting Student Co-supervisor, completed in 2018)

## **Graduate Supervisions, Master of Business Economics**

- Zhao, Yidi (Second Reader, in progress 2021)
- Artacho, Carolina (Second Reader, in progress 2021)
- Cui, Yiwen (Second Reader, completed in 2020)
- Du, Yuanfan (Second Reader, completed in 2020)
- Gagnon, Georgie (Main Supervisor, completed in 2019)
- Li, Dawen (Main Supervisor, completed in 2019)
- Qian, Siyu (Main Supervisor, completed in 2019)
- He, Yanqi (Main Supervisor, completed in 2019)
- Hu, Jianping (Main Supervisor, completed in 2018)
- Sui, Zhixuan (Main Supervisor, completed in 2016)
- Choi, Moah (Co-Supervisor, Match of Minds, 2015)

## **Undergraduate Supervisions**

- Bowie, Connor A (Main Supervisor, completed in 2019).
- Leon Baker, Nolan Joseph (Main Supervisor, completed in 2018)

## **Service to Academic Community**

### **Department Service**

- Graduate Program Advisor (2020-present).
- Graduate Committee Member (2014-2019).
- Research Seminar Committee
  - Chair (2019)
  - Member (2014-2018, 2020-present)

### **University Service**

- Brock University Chinese Faculty and Staff Association: Vice President (2016 - present)

## Languages

- Chinese (native speaker)
- English (fluent)

## Programming/Software

- MATLAB, Stata, SAS, Python, LaTeX, Microsoft 365, etc...

**Last updated: October 25, 2021**