

Boyuan Wang, PhD

🌐 Canadian Permanent Resident

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Key Skills

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|------------------------|-----------------------|-----------------------|
| ✓ Economic Modelling | ✓ Policy Evaluation | ✓ Data Analysis |
| ✓ Statistical Analysis | ✓ Causal Inference | ✓ Data Visualization |
| ✓ Research Management | ✓ Conflict Resolution | ✓ Conceptual Thinking |

Education

Simon Fraser University <i>PhD, Economics</i>	Sep 2017 – May 2024 <i>Burnaby, Canada</i>
Simon Fraser University <i>MA, Economics</i>	Sep 2016 – Aug 2017 <i>Burnaby, Canada</i>
University of Windsor <i>Bcomm, Business and Economics</i>	Sep 2012 – Jun 2016 <i>Windsor, Canada</i>

Research Experience

Uncertainty and Divorce <i>Simon Fraser University</i>	Dec 2019 – Dec 2021 <i>Burnaby, Canada</i>
<ul style="list-style-type: none">Conducted empirical research to examine the dissolution of marriages between partners with less information about each other by studying the Burakumins in JapanGenerated a population density map with QGISSimulated a model to demonstrate the mechanism in MATLABPerformed statistical and visual analysis in Stata	
Political Contributions and Vaccine Mandates <i>Simon Fraser University</i>	Apr 2022 – Sep 2023 <i>Burnaby, Canada</i>
<ul style="list-style-type: none">Studied the relationship between campaign contributions from pharmaceutical companies and US state lawmakers' roll call votes on COVID vaccine mandatesconducted web scraping and data wrangling to acquire and process data on state legislators from various websites in RConducted empirical analysis in Stata	
Conscription <i>Simon Fraser University</i>	Apr 2023 – Nov 2023 <i>Burnaby, Canada</i>
<ul style="list-style-type: none">Examined the mechanism behind conscription wage premium in South KoreaConducted empirical analysis in both Stata and R	

Work Experience

Research Analyst <i>SFU Economics Department</i>	May 2020 – Aug 2020 <i>Burnaby, Canada</i>
<ul style="list-style-type: none">Studied cheating activities in online coursesIdentified quizzes, assignments, and exams where cheating may have occurredReported the findings and made recommendations to discourage cheating	

Teaching Experience

Instructor

May 2021 – Aug 2021

Simon Fraser University

Burnaby, Canada

- Taught Principles of Macroeconomics (via Zoom)
- Organized and presented course materials, designed quizzes and exams to assess student performance
- Encouraged students to analyze real-world problems using economic theories with examples and exam questions
- Coordinated with teaching assistants and evaluated staff performance

Teaching Assistant

Sep 2016 – Aug 2024

Simon Fraser University

Burnaby, Canada

- Led tutorial discussions and held problem-solving sessions for undergraduate students in Economics
- Held Economics Technical Workshops to help students with econometrics, Excel, Stata, and R

Working Papers

- "The Heterogeneous Effects of Uncertainty on Divorces", 2021
- "Did Big Pharma Influence the Adoption of COVID Vaccine Mandates?", 2023
- "Conscription: Extensive or Intensive Margin?", 2023

Awards and Skills

- **Awards:** Graduate Fellowship (4 times), Special Entrance Graduate Scholarship, P.A Della Valle Undergraduate Award in Economics, Board of Governors Medal-Business, Ben Matthews Prize in Business Administration
- **Certificate:** SFU Big Data Fellowships–Machine Learning and Artificial Intelligence Essentials, TCPS 2: CORE-2022
- **Software Skills:** Stata, R, MATLAB, Python, SQL, MS Office, Tableau, Power BI, LaTeX, QGIS
- Specialize in causal inference and applied microeconomics
- Skilled in presentations and teamwork
- Fluent in English and Mandarin