

# Boyuan Wang, PhD Candidate

🇨🇦 Canadian Permanent Resident

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🌐 LinkedIn Profile

🌐 Website

## Education

### Simon Fraser University

PhD, Economics

Sep 2017 – present

Burnaby, Canada

### Simon Fraser University

MA, Economics

Sep 2016 – Aug 2017

Burnaby, Canada

### University of Windsor

Bcomm, Business and Economics

Sep 2012 – Jun 2016

Windsor, Canada

## Research Experience

### Uncertainty and Divorce

Dec 2019 – Dec 2021

Simon Fraser University

Burnaby, Canada

- Conducted empirical research to examine the dissolution of marriages between partners with less information about each other by studying the Burakumins in Japan
- Simulated a model to demonstrate the mechanism in MATLAB
- Performed statistical and visual analysis in Stata

### Political Contributions and Vaccine Mandates

April 2022 – Sep 2023

Simon Fraser University

Burnaby, Canada

- Studied the relationship between campaign contributions from pharmaceutical companies and US state lawmakers' roll call votes on COVID vaccine mandates
- Scrapped data on state legislators from various websites in R
- Conducted empirical analysis in Stata

### Conscription Premium

April 2023 – Nov 2023

Simon Fraser University

Burnaby, Canada

- Examined the mechanism behind conscription wage premium in South Korea
- Conducted empirical analysis in both Stata and R

## Work Experience

### Research Analyst

May 2020 – Aug 2020

SFU Economics Department

Burnaby, Canada

- Studied cheating activities in online courses
- Identified quizzes, assignments, and exams where cheating may have occurred
- Reported 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 – present

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*

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- "The Heterogeneous Effects of Uncertainty on Divorces", 2021
- "Did Big Pharma Influence the Adoption of COVID Vaccine Mandates?", 2023
- "Conscription: Signaling or Human Capital Accumulation?", 2023

### *Awards and Skills*

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- **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
- **Software Skills:** Stata, R, MATLAB, Python, SQL, MS Office, LaTeX
- Specialize in causal inference and applied microeconomics
- Skilled in presentations and teamwork
- Fluent in English and Mandarin