

Boyuan Wang, PhD

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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> <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	Dec 2019 – Dec 2021 <i>Burnaby, Canada</i>
Political Contributions and Vaccine Mandates <i>Simon Fraser University</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	Apr 2022 – Sep 2023 <i>Burnaby, Canada</i>
Conscription Premium <i>Simon Fraser University</i> <ul style="list-style-type: none">Examined the mechanism behind conscription wage premium in South KoreaConducted empirical analysis in both Stata and R	Apr 2023 – Nov 2023 <i>Burnaby, Canada</i>

Work Experience

Research Analyst <i>SFU Economics Department</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	May 2020 – Aug 2020 <i>Burnaby, Canada</i>
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Teaching Experience

Instructor <i>Simon Fraser University</i> <ul style="list-style-type: none">Taught Principles of Macroeconomics (via Zoom)Organized and presented course materials, designed quizzes and exams to assess student performanceEncouraged students to analyze real-world problems using economic theories with examples and exam questionsCoordinated with teaching assistants and evaluated staff performance	May 2021 – Aug 2021 <i>Burnaby, Canada</i>
Teaching Assistant <i>Simon Fraser University</i> <ul style="list-style-type: none">Led tutorial discussions and held problem-solving sessions for undergraduate students in EconomicsHeld Economics Technical Workshops to help students with econometrics, Excel, Stata, and R	Sep 2016 – present <i>Burnaby, Canada</i>

Working Papers

- "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

- **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, Tableau, Power BI, LaTeX, QGIS
- Specialize in causal inference and applied microeconomics
- Skilled in presentations and teamwork
- Fluent in English and Mandarin