

# Zichun (Frank) Zhao

Tel: (519)-300-6825  
Email: frankzhao117@gmail.com  
5878 Montevideo Rd, Mississauga, ON  
Website: <https://zichunzhao.github.io>  
LinkedIn: [www.linkedin.com/in/zichun-zhao](http://www.linkedin.com/in/zichun-zhao)

## PERSONAL PROFILE

---

- Ph.D. Candidate in Health Economics.
- Three years of quantitative analysis experience in health field.
- Knowledge of health economics theories and concepts
- Experience in using various statistical methods to analyze and interpret health data with large administrative and population healthcare datasets, such as DAD, NACRS, CCR, CCHS, SHS and T1FF
- Ability to review, synthesize and appraise health literature on analytics trends and policies to support decision making.
- Adaptable team player with ability to work independently and complete tasks within timelines.
- Strong presentation and communication skills to establish and maintain effective relationships across stakeholders.
- Skills in using STATA, R, SAS, SQL, Tableau, Latex and Microsoft Word, Excel and PowerPoint.

## EDUCATION

---

**Ph.D. in Economics** **Sept. 2019 – Feb. 2024 (Expected)**

McMaster University, Canada; GPA: 3.7/4.0

- Thesis Topic: Three Essays in Health Economics and Public Policy

**M.A. in Economics** **Sept. 2017 – May 2019**

University of Windsor, Canada; GPA: 3.9/4.0 (Top 1 in the Department)

- Major Paper: Economic Effects of Solar Activity: Evidence from Canada
- Certificate of Academic Achievement (\$800)

**B.A. in Economics (Graduate with Distinction)** **Sept. 2013 – May 2017**

HeFei University of Technology (HFUT), China; GPA: 3.35/4.0

## RESEARCH

---

- Z. Zhao. "Cancer, Financial Burden and Health Insurance" (2023 - In progress).
- Z. Zhao. "The Spillover Effects of Public Prescription Drug Insurance Expansions on Emergency Department: Evidence from Canada" (2022 – In progress).
- Z. Zhao, M. Grignon. "Minimum Wage and Employer-Sponsored Supplementary Health Insurance: Evidence from Canada (2021 – Under review – Canadian Journal of Economics).

## RELEVANT EXPERIENCE

---

### Research Assistant

McMaster University, Sept. 2022 – Apr. 2023

- Project: Child Penalty for Immigrant Women.
- Searched more than 1000 papers and materials from EconLit database about the causal effects of parenthood on women relative to men, outcomes include income, mental health and productivity.
- Wrote comprehensive and systematic literature reviews.
- Checked data quality and linked various administrative datasets, including the DAD, NACRS, Longitudinal Immigration Database, and T1FF.
- Cleaned data by winsorizing extreme values and removing duplicate observations.
- Conducted dynamic treatment effects models to estimate different effects of parenthood on incomes between fathers and mothers.
- Developed Stata and R code and created packages to duplicate research process.
- Prepared reports and slides and presented the results to supervisors.
- Received feedbacks from supervisors and other professors to revise the research methodology.

### Sessional Faculty

McMaster University, Sept. 2023 – Dec. 2023

- ECON 3C03: Public Economics: Taxation
- Stayed updated with recent trends in economics to enhance the course content, especially about the relationship between COVID-19 and public policy.
- Developed slides, assignments and formulated exam questions.
- Held regular office hours to address students' inquiries and gather feedbacks.

### Teaching Assistant

McMaster University, Sept. 2019 – Dec. 2023

- Prepared tutorials for econometric exercise using STATA and R.
- Assisted students in implementing data cleaning and regression analysis.
- Held office hours to provide personalized educational support.
- Invigilated and graded exams and reported the results to instructor.

## CONFERENCE PRESENTATIONS

---

June. 2023	Presentation and Session Chair, Canadian Economics Association (Winnipeg, MAN)
June. 2022	Presentation and Session Chair, Canadian Economics Association (Ottawa, ON)
June. 2021	Presentation, New Frontier of Health Policy (McMaster, ON)
June. 2019	Presentation, Canadian Economics Association (Banff, AB)