

TONGHUI TIAN

Department of Economics, Loeb Building B 844, Carleton University

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LinkedIn | GitHub | Personal website

EDUCATION

Carleton University, Ottawa, Canada

Ph.D. in Economics, *expected 2026*.

Supervisor: Louis-Philippe Beland

University of Illinois at Urbana Champaign, Urbana, Illinois

M.S. in Economics (specialized in Econometrics), December 2019.

Henan University, Henan, China

Bachelor of Economics (major in finance), July 2017.

WORKING PAPERS

“Do Red States Build More? Gubernatorial Partisanship and Housing Outcomes” *with Louis-Philippe Beland*

Under review at *Public Choice*.

Estimates the causal effect of gubernatorial party on housing permits using a close election regression discontinuity with U.S. county level data from 1980 to 2020.

“The Impact of Gender Based Pricing Policies on Coverage in Long Term Care Insurance Markets in the U.S.”

Difference in Differences on Health and Retirement Study data over twenty two years to evaluate coverage responses to gender based pricing.

“Comparing Human-Only, AI-Assisted, and AI-Led Teams on Assessing Research Reproducibility in Quantitative Social Science” *with Abel Brodeur et al.*

Under review at *PNAS*.

Contributions: replication-game participation and revision support.

RESEARCH IN PROGRESS

“Child Benefit Programs on Parental Health and Behaviors: Evidence from the CCHS”
with Louis-Philippe Beland

WORK EXPERIENCE

Research Assistant (Carleton University)

2023 to 2024

- For Louis-Philippe Beland: integrated California judges, USCIS and high-frequency traffic data; built commuting-time panels; causal regression analysis; R, Stata.
- For Matthew D. Webb: implemented cluster-robust inference testing using R.
- For Zhiqi Chen: systematic FTTP market review across developed countries on demand/supply trends, consumer demand behavior, and competitive implications for ISPs.

Research Assistant (University of Illinois at Urbana Champaign)

2019 to 2020

- For Tatyana Deryugina: GIS data processing and merges; Difference-in-Differences analysis of agricultural responses to climate; visualization and reporting in ggplot2.

Teaching Assistant (Carleton University)

Key responsibilities: weekly tutorials; group-project guidance; in-lecture support and classroom organization; grading.

Undergraduate

ECON 1001 Introduction to Microeconomics	2021 Summer; 2024 Fall
ECON 1002 Introduction to Macroeconomics	2021 Winter; 2021 Fall; 2022 Fall; 2025 Winter
ECON 2009 Managerial Economics	2024 Fall
ECON 2220 Introductory Econometrics	2025 Summer
ECON 2708 Applied Data Analysis	2022 Fall; 2024 Winter
ECON 3602 International Monetary Problems	2021 Winter
ECON 4020 Advanced Microeconomic Theory	2022 Fall; 2023 Fall
ECON 4052 Corporate Financial Economics	2022 Winter

Graduate

ECON 5020 Microeconomic Theory	2022 Fall; 2023 Fall
ECON 5021 Macroeconomic Theory	2024 Winter

AWARDS AND SCHOLARSHIPS

W. Irwin Gillespie Graduate Scholarship, Carleton University	2024
Murray Goldblatt Memorial Prize, Carleton University	2023
International Doctoral Scholarship, Carleton University	2020 to 2024
Departmental Scholarship, Carleton University	2020 to 2025
Full-tuition exchange student scholarship, University of Akron, USA	2015 to 2016

SKILLS

R; Stata; Python; MATLAB; \LaTeX ; Tableau
Mandarin (native); English

REFERENCES

Louis-Philippe Beland

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Carleton University
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Zhiqi Chen

Chancellor's Professor of Economics
Carleton University
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Matthew D. Webb

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