

Long Bui

PhD Candidate
Queen's University
Kingston, ON K7L 3N6

Email: long.bui@queensu.ca
Citizenship: Australian

Research fields: Industrial Organization, Applied Econometrics, Banking & Finance

Skills

Economics: Empirical Industrial Organization, Reduced-Form Causal Analysis, Difference-in-Difference Design, Event Study Design, Instrumental Variables, Structural (Discrete Choice) Modeling, Computational Econometrics, Big Data Management, Data Modeling & Visualization, Trend & Pattern Analysis

Leadership: Strategic Planning & Execution, Project Management, Process Improvement, Collaboration, Reporting

Software: STATA, Python, Matlab, Excel, L^AT_EX

Education

PhD in Economics, Queen's University Expected 2024

- **Awards:** Queen's Economics Department Award (2019 - 2022), Queen's Graduate Award (2018 - 2021), M.F.J. Prachowny Award 2019, Neil Morrison Fellowship Prize 2019

Master of Economics (with Distinction), Australian National University

Bachelor of Business (Finance Honours), University of Technology Sydney

Bachelor of Business, RMIT University

Job Market Paper

“Shadow Banking and Branch Networks: An Analysis of Lending Patterns and Strategic Branching Decisions in the U.S. Mortgage Market”

Abstract: This paper explores the effects of cannibalization and business-stealing within the lenders' branch networks in the U.S. shadow banking mortgage market. Given the difficulty in obtaining data related to the shadow bank branch network, a novel dataset, the Your-Economy Time Series dataset, is introduced to provide details on shadow bank branch locations from 2012 to 2017. Implementing a two-stage least squares approach shows that having a branch increases the lender's market share. However, the marginal effect of an additional branch on market share decreases as the total number of branches within a market increases, indicating the presence of market share cannibalization effects. In addition to market share cannibalization, there are business-stealing impacts from the presence of rival lenders' branches. Then, using an ordered probit with a control function approach, results show that when lenders decide to expand their branch network, they consider potential cannibalization and business-stealing effects. Finally, a structural model of entry and exit is estimated to decompose the impact of cannibalization and business-stealing effects on new branch openings. Counterfactual simulations show that muting the cannibalization and business-stealing effects leads to an increase in the establishment of new branches.

Presented at: Canadian Economics Association Annual Conference 2023.

Research assistantship

Professor Robert Clark, Queen's University

2022-Current

- Replicating and expanding on a study to provide an up-to-date view of the evolution of market concentration in the U.S. consumer deposit and mortgage markets across U.S. geographic regions.
- Identified an increase in market concentration after the 2008-2010 global financial crisis, with levels returning to pre-crisis levels as of 2018.

Professor John Stachurski, QuantEcon

February 2017 - September 2017

- Assisting in designing, developing, and testing quantecon.org, a website that provides economists with a suite of lectures and code for quantitative economic modeling with applications in macroeconomics, microeconomics, and data science using Python and Julia.

Associate Professor Timothy Kam, Australian National University

February 2017 - July 2017

- Assisted the professor with the revision of notes and material for a PhD-level macroeconomics course covering the theory and quantitative tools for estimating dynamic stochastic general equilibrium, growth, and monetary policy models.

Teaching experience

Instructor, Department of Economics, Queen's University

2020-Current

Graduate Math Camp for M.A., Microeconomic Theory I

- Design course structure, prepare coursework, and lead lectures for a class of 35 students each year in an advanced math course focused on introductory mathematical analysis, calculus, linear algebra, probability, and econometrics.

Head Teaching Assistant / Teaching Assistant, Department of Economics, Queen's University 2018-2023

Ph.D Macroeconomic Theory I and II, Financial Markets and Risk Management, Applied Econometrics, Microeconomic Theory I

- Provide students with guidance and assistance for assignments, projects, and exam preparation during office hours and proctored and graded student assignments and exams.
- Supervise, manage, and train a team of 2+ teaching assistants providing help to classes ranging from 10 to 200 students.

References

Dr. Robert Clark (Main Advisor)

Professor, Stephen J.R. Smith Chair in Economic Policy

Queen's University, Department of Economics

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Dr. Nahim Bin Zahur

Assistant Professor

Queen's University, Department of Economics

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Dr. Allen Head

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