

Baiyou Chen

PhD Candidate
Queen's University
Kingston, Ontario

baiyou.chen@queensu.ca
6134493135

EDUCATION

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|---|---------------|
| Queen's University, PhD (Economics) | Expected 2024 |
| University of Texas at Austin, M.S. (Economics) | 2014 - 2016 |
| University of Texas at Austin, M.A. (Economics) | 2013 - 2014 |
| Fudan University, B.A. (Mathematical Economics) | 2009 - 2013 |

Research Interests

Macroeconomics, Banking and Finance, Real Estate Economics

Research

Mortgage Choice, Default Risk and Monetary Policy(JMP)

We study the effect of interest rates on households mortgage decisions, respectively, with fixed-rate and adjustable-rate mortgages. Our model evaluates the response in a dynamic model of housing search and defaultable long-term mortgages. In the model, the sellers outstanding debt raises the selling price and time-to-sell, forming a positive relationship between debt and default risk. Interest rate movements affect households indebtedness, house-selling decisions and default risk when in financial distress. Given the choice of mortgage types, households respond to house prices upon various interest shocks. We find the default rate last longer among those with adjustable-rate mortgages with a rise in the interest rates.

Quantifying the economic impacts of alternative pandemic policy scenarios in rapidly changing and spatially heterogeneous environments: Methods, assumptions and lessons learned

Chapter for the OSN book by Huw Lloyd-Ellis, Baiyou Chen and Frederic Tremblay

Conference Presentation

Canadian Economic Association (CEA) 2023

Research Assistance

Research assistance for Amy Hongfei Sun in "Indebted Sellers, Liquidity and Mortgage Standards"

Teaching Assistance

Teaching Assistant, Department of Economics, Queen's University 2017-2023
Introduction to Mathematical Economics, Microeconomics Theory, Quantitative Methods, Finance Theory, Environmental Economics, Public Economics

Teaching Assistant, Department of Economics, University of Texas at Austin 2014-2016
Grad Math Prep Class, Financial Economics, Math for Economists, Introduction to Macroeconomics, Economic Statistics

SKILLS

Tool: Matlab, Latex

Language: English: Fluent Mandarin: Native

Reference

Amy Hongfei Sun

Professor, Department of Economics
Queen's University
Email: hfsun@queensu.ca

Allen Head

Professor, Department of Economics
Queen's University

Email: heada@queensu.ca

Huw Lloyd-Ellis

Professor, Department of Economics

Queen's University

Email: lloydelh@queensu.ca