

ERIC FORTIER

PhD Candidate in Economics · Simon Fraser University
Burnaby, BC | eric_fortier@sfu.ca | Canadian citizen

PROFILE

PhD candidate in Economics at Simon Fraser University specializing in applied macroeconomics and monetary economics. Experienced in econometric modeling, empirical analysis, and economic forecasting. Prior business analysis experience in the federal government and private sector, including financial modeling, client-facing projects, and data analysis. Fully bilingual in English and French.

Research fields: Applied Macroeconomics and Monetary Economics

EDUCATION

PhD in Economics Simon Fraser University	2021–2027 (expected)
MA in Economics Simon Fraser University	2020–2021
Honours BSocSc in Economics University of Ottawa	2018

TECHNICAL SKILLS

Programming: SQL, Python, R, Stata, MATLAB

Econometric methods: Local projections, vector autoregression, multi-horizon linear projection, nonparametric estimation, mediation analysis, time-series analysis

AI tools: Claude Code, Refine

DISSERTATION RESEARCH

“Specification Choice in Local Projections: Evidence from Monetary Policy Shocks” — [SFU Economics Discussion Paper dp26-01](#), 2026

Examines how specification choices in local projections affect the estimation of impulse responses to U.S. monetary policy shocks. The results show that the long-differences specification can produce distorted long-run dynamics in the estimated impulse responses. The paper also provides practical guidance on the choice of control sets and lag lengths.

“State-Dependent and Asymmetric Effect of US Monetary Policy” — working paper, 2026

Examines how the effects of U.S. monetary policy vary across the business cycle using semiparametric local projections that account for potential endogeneity of the state variable. Finds that monetary policy shocks affect output and inflation more quickly during periods of low economic growth, with suggestive evidence that contractionary shocks have larger effects than expansionary shocks.

“A Mediation Analysis of the Transmission Channels of US Monetary Policy” — working paper, 2026

Evaluates which monetary policy transmission channels matter most for controlling U.S. inflation. Applies a macroeconomic mediation methodology to decompose inflation’s response to a monetary policy shock into contributions from the main transmission channels: interest rates, exchange rates, asset prices, credit, and inflation expectations.

PRESENTATIONS

“US Monetary Policy Has More Immediate Effects in Recessions” | CEA Annual Conference, Vancouver **2026**

“A Mediation Analysis of the Monetary Policy Transmission Channels in Canada” | Department of Economics Brown Bag Seminar, Simon Fraser University **2025**

- Awarded the department’s 2025 James Dean Award (best ECON 900 paper)

RESEARCH EXPERIENCE

Research Assistant to Prof. Luba Petersen | SFU Experimental Economics Lab **2024–present**

- Helped design and run laboratory experiments on macroeconomic expectations and decision-making
- Built a dataset of Canadian inflation-expectations survey responses

Research Assistant to Prof. Minjie Deng | Simon Fraser University **2023**

- Contributed to the development of a quantitative sovereign-default model with migration, using Puerto Rico as a case study

PROFESSIONAL EXPERIENCE

Business Analyst | 3LOG Systems, Richmond, BC **2018–2020**

- Developed Business Process Requirements documents for two Québec clients, translating provincial regulations and client processes into software specifications
- Helped design and develop a Québec module for 3LOG’s software based on client requirements and provincial regulations
- Led on-site configuration, implementation, and testing for four timber mills and one hauling company; delivered software demonstrations and training in English and French
- Wrote SQL reports and code customizations; ran weekly project meetings and resolved client technical issues

Business Analyst | Public Services and Procurement Canada (Government of Canada), Gatineau, QC **2018**

- Analyzed expenditures for federal real property projects valued over \$10M, estimating annual spend and producing five-year expenditure forecasts to support senior management planning decisions
- Helped develop and validate models for prioritizing project expenditures and flagging early indicators of cost overruns, based on budget consumption, remaining project runway, and resource-utilization patterns
- Improved forecast accuracy by back-testing models against prior years’ data to identify and correct errors

TEACHING EXPERIENCE

Guest Lecturer | ECON 811: Advanced Monetary Theory, Simon Fraser University **2026**

- Invited by Prof. Luba Petersen to teach a graduate session on forecasting macroeconomic variables

Teaching Assistant, Department of Economics | Simon Fraser University **2020–present**

- Ranked first in the economics department’s teaching assistant evaluations (Fall 2021)
- TA for the Economics Technical Workshop, the Economics Writing Workshop, Intermediate Macroeconomic Theory, Introduction to Mathematical Economics, and Introduction to Econometrics

AWARDS & FELLOWSHIPS

- James Dean Award (best ECON 900 paper), Department of Economics, Simon Fraser University — 2025
- SSHRC Doctoral Fellowship — 2024–2025
- British Columbia Graduate Scholarship — 2020–2022
- Dean’s Graduate Fellowship, Simon Fraser University — 2020, 2021
- Merit Scholarship and Dean’s Honour List, University of Ottawa — 2016–2018