## Samuel Gingras

Contact Department of Economics Phone: +1 (418) 561-3261

Information University of Ottawa Email: gingras.samuel@icloud.com

120 University Private

Website: http://samuelgingras.github.io/

Ottawa, Ontario, Canada K1N 6N5

Personal Citizenship: Canadian

INFORMATION Languages: English (fluent), French (native)

Professional Postdoctoral Researcher

Positions Department of Economics, University of Ottawa

September 2021 to present

Visiting Researcher

Department of Applied Economics, HEC Montréal

April 2021 to July 2021

RESEARCH Econometrics State space models Financial Econometrics

Interests Bayesian analysis Statistical Computing Machine Learning

EDUCATION Université de Montréal, Montreal, Canada

Ph.D. in Economics (2021)

Dissertation: Essays on Bayesian Analysis of State Space Models with Financial Applications

Advisor: William J. McCausland

Committee members: Mathieu Marcoux, René Garcia, Gregor Kastner

Université Laval, Quebec City, Canada

M.A. in Economics (2014) B.Sc. in Mathematics (2012)

WORKING PAPERS

- A Flexible Stochastic Conditional Duration Model (with William J. McCausland)
- Joint Sampling of States and Parameters in State Space Models (with William J. McCausland)
- Reaching New Lows? The Pandemic's Consequences for Electricity Markets (with David Benatia, R&R The Energy Journal)

WORK IN PROGRESS

- Labor Market Duality and Life-Cycle Outcomes (with Jonathan Créchet)
- mhessian: A MATLAB Toolbox for Efficient Simulation Smoothing in non-linear non-Gaussian State Space models (with William J. McCausland)
- FOMC Sentiment and Monetary-Policy (with Vasia Panousi)
- A Hierarchical Bayesian Approach to Estimate local Housing Market Liquidity

Awards and Grants Social Sciences and Humanities Research Council Doctoral Scholarship, 2017-2019

Fonds de Recherche Société et Culture Doctoral Scholarship, 2014-2017

Ph.D. Fellowship, CIREQ & Economics Department, 2014-2017

CIREQ Travel Scholarship, 2018 and 2019

Université Laval Social Sciences Faculty Best Master's Thesis, 2015

Presentations

2020: Université Laval, Department of Finance, Insurance and Real Estate (Quebec City); Erasmus University, Department of Econometrics (Rotterdam)

2019: Seminar on Bayesian Inference in Econometrics and Statistics (Providence); International Conference Computing in Economics and Finance (Ottawa)

2018: CIREQ Ph.D. Students' Conference (Montreal); European Seminar on Bayesian Econometrics Poster Session (New Orleans)

TEACHING

Université de Montréal (Teaching assistant)

- Econometrics (B.A.)
- Mathematics for economists (B.A.)
- Microeconomic theory (Ph.D.)
- Probability for economists (Ph.D.)

Affiliations

Center for Interuniversity Research and Quantitative Economics (CIREQ); Society for Computational Economics; Canadian Economic Association; American Economic Association; European Economic Association

References

William J. McCausland
René Garcia
+1 (514) 343-7281
+1 (514) 343-6111 #28490
william.j.mccausland@umontreal.ca
Département de Sciences Économiques
Université de Montréal
3150, rue Jean-Brillant
Montréal, QC H3C 3J7

René Garcia
+1 (514) 343-6111 #28490
rene.garcia@umontreal.ca
Département de Sciences Économiques
Université de Montréal
3150, rue Jean-Brillant
Montréal, QC H3C 3J7

Mathieu Marcoux +1 (514) 343-2399 mathieu.marcoux@umontreal.ca Département de Sciences Économiques Université de Montréal 3150, rue Jean-Brillant Montréal, QC H3C 3J7

Vasia Panousi +1 (514) 343-6556 vasia.panousi@umontreal.ca Département de Sciences Économiques Université de Montréal 3150, rue Jean-Brillant Montréal, QC H3C 3J7

Last revised: November 5, 2021