

Université de Montréal (UdeM)
Department of Economics
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EDUCATION

Université de Montréal

Ph.D. Candidate in Economics (GPA: 4.12/4.30)

Québec, Canada

September 2021 - August 2026

Ecole Nationale de la Statistique et de l'Analyse Economique

M.Sc. in Statistics and Economics, with distinction

Dakar, Sénégal

October 2016 – June 2019

Université Nazi Boni (ex. Université Polytechnique)

B.Sc. in Mathematics, with distinction

Bobo-Dioulasso, Burkina Faso

December 2012 – June 2016

RESEARCH INTERESTS

Econometrics Theory, Applied Econometrics, Empirical Industrial Organization, Policy Research

RESEARCH

Working Papers

- Effects of Subsidies on Welfare and Market Structure in the U.S. Broadband Industry (sole-authored, 53 pages) [**Job Market Paper**, available upon request]
- Efficient and Debiased Estimation of Dynamic Discrete Choice Models (sole-authored, 50 pages) [Under review, [View paper](#)]

Work in Progress

- Non-parametric Estimation of Discrete Choice Models (with Mathieu Marcoux)
- How the Entry of Wave Affected Competition in the Mobile Money Industry in Senegal? A First Structural Modelling

ACADEMIC SEMINARS AND PRESENTATIONS

- Competition Bureau of Canada, **Invited Seminar**, Gatineau, QC (scheduled, December 2025)
“*Effects of Subsidies on Welfare and Market Structure in the U.S. Broadband Industry*”
- CIREQ-UdeM, Seminar, Université de Montréal, Montreal, QC (September 2025)
“*Effects of Subsidies on Welfare and Market Structure in the U.S. Broadband Industry*”
- 64th annual Congress Société canadienne de science économique, Québec, Canada
- CIREQ Econometrics Conference on recent developments in identification and inference, Québec, Canada
- 39th Annual Meeting of the Canadian Econometrics Study Group (CESG), Toronto, Canada
- Quebec Social Sciences PhD presentation group, Montreal, (September 2023, February 2024, April 2025)

FELLOWSHIPS AND AWARDS

- Fonds de Recherche du Québec–Société et Culture (\$58,334) Fellowships, ranked 2nd, since 2024.
DOI: <https://doi.org/10.69777/345849>
- McConnell Travel Grant (\$1,000), Université de Montréal, 2024.
- PhD Fellowship, Department of Economics CIREQ Université de Montréal, 2021-2024
- Tuition-fee Waiver Scholarship, School of Graduate Studies, since 2021
- Recipient of *Bourse d'excellence des Citoyens du Monde*, PhD, Université Laval, in 2020
- Scholarship of Excellence M.Sc., ENSAE, 2016-2019
- Scholarship of Excellence (B.Sc. and M.Sc.), Université Nazi Boni, 2012-2015

TEACHING EXPERIENCE

Lecturer

Université de Montréal

- ECN1260 (Econometrics for Undergraduates), Fall 2025
- ECN1000 (Principles of Economics for Undergraduates), Summer 2025, Fall 2023

Teaching Assistant

Université de Montréal

- ECN6310 (Econometrics Theory for Graduates), Fall 2025, Fall 2024
- ECN7061 (Probability for Economists for Graduates), Fall 2022

PROFESSIONAL EXPERIENCE AND POLICY RESEARCH

Economist Consultant

July 2019- August 2021

World Bank

Dakar, Senegal.

- Conducted data analysis and co-authored the Mali Poverty Assessment (World Bank, 2019–2020), examining how strengthening economic growth and resilience can drive sustainable poverty reduction.
<https://openknowledge.worldbank.org/entities/publication/b5ddc533-1fb3-56d5-a444-3b28e6066970>
- Co-authored Chad Poverty Assessment (World Bank, 2019–2020), analyzing rural income growth, human capital, and resilience for poverty reduction.
<https://openknowledge.worldbank.org/entities/publication/1cc815b6-bf6e-5627-a6ac-95b81efdc9f4>
- Analyzed economic recovery trends for The Gambia Economic Update: Sustaining the Gains (World Bank, 2020), informing post-crisis policy formulation.
<https://openknowledge.worldbank.org/entities/publication/fb21dd0b-4968-50b3-a239-00c9ce045b39>

TECHNICAL SKILLS

Modeling: Empirical modeling (discrete choice, structural IO), simulation-based estimation, policy evaluation

Statistics: Advanced: Stata, R, Python, Matlab

Text Editing: Advanced: L^AT_EX, Ms Word, Ms. PowerPoint

LANGUAGE SKILLS

French (native), English (fluent)

REFERENCES

Mathieu Marcoux (primary advisor), *Associate Professor*, Department of Economics, Université de Montréal

Email: mathieu.marcoux@umontreal.ca

Max Antoine Lesellier (co-advisor), *Assistant Professor*, Department of Economics, Université de Montréal

Email: max.antoine.lesellier@umontreal.ca