

Université de Montréal (UdeM)  
Department of Economics  
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## EDUCATION

<b>Université de Montréal</b> <i>PhD Candidate in Economics (GPA: 4.12/4.30)</i>	Québec, Canada <i>Since September 2021</i>
<b>Ecole Nationale de la Statistique et de l'Analyse Economique</b> <i>MA in Statistics and Economics, with distinction</i>	Dakar, Sénégal <i>October 2016 – June 2019</i>
<b>Université Nazi Boni ( ex. Polytechnic University)</b> <i>BA in Mathematics, with distinction</i>	Bobo-Dioulasso, Burkina Faso <i>December 2012 – June 2015</i>

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## RESEARCH INTERESTS

Econometrics, Applied Econometrics, Industrial Organization, Policy Research

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## RESEARCH

### Working Papers

- Effects of Subsidies on Welfare and Market Structure in the US 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

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

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## TEACHING EXPERIENCE

<b>Lecturer</b> <ul style="list-style-type: none"><li>• ECN1260 (Econometrics for Undergraduates), Fall 2025</li><li>• ECN1000 (Principles of Economics for Undergraduates), Summer 2025, Fall 2023</li></ul>	Université de Montréal
<b>Teaching Assistant</b> <ul style="list-style-type: none"><li>• ECN6310 (Econometrics Theory for Graduates), Fall 2024</li><li>• ECN7061 (Probability for Economists for Graduates), Fall 2022</li></ul>	Université de Montréal

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## ACADEMIC SEMINARS AND PRESENTATIONS

- 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

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- 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 (\$1000), 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.A, ENSAE, 2016-2019
- Scholarship of Excellence (B.A. and M.A.), Université Nazi Boni, 2012-2015

## PROFESSIONAL EXPERIENCE AND POLICY RESEARCH

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### Economist Consultant

2021-2025

*World Bank*

*Washington D.C, U.S.*

- Provided technical assistance to the World Food Programme (WFP) through the World Bank, analyzing market impacts in Sahelian countries following ECOWAS exit (2025).
- Co-developed a new macroeconomic poverty outlook tool, adopted by 13 Sub-Saharan African countries, with results presented at recent World Bank Spring and Annual Meetings (2022–2023).
- Supported the Poverty Global Practice team in cleaning and analyzing household budget survey data for WAEMU (West African Economic and Monetary Union) member states (2022–2023), ensuring data quality for poverty and inequality assessments.

### Economist Consultant

2019-2021

*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

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

**Statistics:** Advanced: Stata, R, Python, Matlab

**Text Editing:** Advanced: L<sup>A</sup>T<sub>E</sub>X, Ms Word, Ms. PowerPoint

## LANGUAGE SKILLS

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French (native), English (fluent)

## REFERENCES

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

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

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