

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

- **Université de Montréal**, Québec, Canada  
Ph.D. Candidate in Economics (GPA: 4.12/4.30) 2021– ongoing
- **École Nationale de la Statistique et de l'Analyse Économique (ENSAE)**, Dakar, Sénégal  
M.Sc. in Statistics and Economics (*Ingénieur Statisticien Economiste*), *with distinction* 2016–2019
- **Université Nazi Boni (ex. Université Polytechnique)**, Bobo-Dioulasso, Burkina Faso  
B.Sc. in Mathematics, *with the highest distinction* 2013–2016

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## RESEARCH INTERESTS

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

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## RESEARCH

### Working Papers

- **Effects of Subsidies on Welfare and Market Structure in the U.S. Broadband Industry** (sole-authored)  
[Job Market Paper](#) – [Finalist at the 2025 Bank of Canada Graduate Student Paper Award](#)
- **Efficient and Debiased Estimation of Dynamic Discrete Choice Models** (sole-authored) [[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?**

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## ACADEMIC SEMINARS AND PRESENTATIONS

- **2025:** Competition Bureau of Canada (Invited Seminar, Gatineau), Bank of Canada GSPA Workshop (Ottawa), CIREQ-UdeM Seminar (Montréal), 64th Congrès SCSE (Orford), Quebec Social Sciences PhD Group (Québec)
- **2024:** CIREQ Econometrics Conference (Montréal), 39th CESG Annual Meeting (Toronto), Industrial Organization Study Group (Montréal), Quebec Social Sciences PhD Group (Montréal)
- **2023:** Industrial Organization Study Group (Montréal), Quebec Social Sciences PhD Group (Montréal)

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## FELLOWSHIPS AND AWARDS

- **Bank of Canada Graduate Student Paper Award (Finalist)**, 2025
- **Fonds de Recherche du Québec – Société et Culture (FRQSC) Fellowship** (\$58,334), ranked 2<sup>nd</sup>, 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

- Bourse d'excellence des Citoyens du Monde (*PhD*), Université Laval, 2020
- World Bank Vice President's Program for African Statistical Schools, 2019–2021
- Scholarship of Excellence (M.Sc.), ENSAE, 2016–2019
- Scholarship of Excellence (B.Sc. and M.Sc.), Université Nazi Boni, 2012–2015.

## TEACHING EXPERIENCE

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### 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: Econometric Theory for Graduates**, Fall 2025, Fall 2024.
- **ECN7061: Probability for Economists (Graduate Level)**, Fall 2022.

## PROFESSIONAL AND POLICY RESEARCH EXPERIENCE

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### Economist Consultant

*World Bank*

2019 – 2021

- 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.  
[World Bank Publication](#)
- Co-authored the **Chad Poverty Assessment** (World Bank, 2019–2020), analyzing rural income growth, human capital, and resilience in poverty reduction.  
[World Bank Publication](#)
- Analyzed economic recovery trends for **The Gambia Economic Update: Sustaining the Gains** (World Bank, 2020), Informing post-crisis policy formulation.  
[World Bank Publication](#)

## SKILLS

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- **Research:** Reproducible Research Fundamentals — [World Bank Certificate](#)
- **Modeling:** Empirical modeling (discrete choice, structural IO), simulation-based estimation and policy evaluation
- **Statistical programming:** Advanced proficiency in Stata, R, Python, and MATLAB for econometric analysis, simulation, and data processing
- **Language:** French (native), English (fluent)
- **Text Editing:** Advanced proficiency in  $\text{\LaTeX}$ , Microsoft Word, and Microsoft PowerPoint

## REFERENCES

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**Prof. Mathieu Marcoux**  
*Associate Professor*  
Department of Economics  
Université de Montréal  
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**Prof. Max Lesellier**  
*Assistant Professor*  
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**Prof. Joshua Lewis**  
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