Sidi M. Sawadogo

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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, *with distinction*   2016–2019

- **Université Nazi Boni (ex. Université Polytechnique)**, Bobo-Dioulasso, Burkina Faso.
  B.Sc. in Mathematics, *with the highest distinction (nationwide)*   2013–2016

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* – **Bank of Canada Graduate Student Paper Award (Finalist, 2025)** [PDF]

- **Efficient and Debiased Estimation of Dynamic Discrete Choice Models** (sole-authored, 50 pages) [PDF]

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 modeling approach**

ACADEMIC SEMINARS AND PRESENTATIONS

- **Competition Bureau of Canada**, Invited Seminar, Gatineau, QC (scheduled, 04 December 2025).
  "Effects of Subsidies on Welfare and Market Structure in the U.S. Broadband Industry."

- **Bank of Canada Graduate Student Paper Award Workshop (2025)**, Ottawa (05 November 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

- **Bank of Canada Graduate Student Paper Award (Finalist)**, 2025.
- **Fonds de Recherche du Québec – Société et Culture (FRQSC) Fellowship** ($58,334), 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.
- **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

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 Experience and Policy Research

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

Technical Skills

- **Research:** Reproducible Research Fundamentals — World Bank Certificate.
- **Modeling:** Empirical modeling (discrete choice, structural IO), simulation-based estimation and policy evaluation.
- **Statistics:** Advanced proficiency in Stata, R, Python, and Matlab.
- **Text Editing:** Advanced proficiency in LaTeX, Microsoft Word, and Microsoft 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