

CÉCILE MACAIRE

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EDUCATION

Ph.D. in Economics 2025 - 2031

New York University

- Relevant coursework: Econometrics II, Microeconomics II, Macroeconomics II

Engineering Master's Degree in Economics and Statistics 2020 - 2023

ENSAE - Institut Polytechnique de Paris

- Relevant coursework: Econometrics I, Statistics I, Theoretical Foundations of Machine Learning, Linear Time Series
- Exchange year mobility: Université de Montréal
- Ranked 15th out of 500 students for ENSAE's entrance exam
- GPA: 3.8

B.A. in Letters and Social Sciences 2017 - 2020

Lycée Lakanal

- Relevant coursework: Algebra, Analysis, Microeconomics, Macroeconomics, Public Finance, Sociology
- Undergraduate intensive course to prepare for highly competitive nationwide exams
- GPA: 4.0

RESEARCH

Work in progress

“Incarceration and Wealth” with Megan Stevenson, John Eric Humphries, Aurélie Ouss, and Winnie Van Dijk

RESEARCH EXPERIENCE

Pre-doctoral Fellow - Yale University Aug. 2023 - Present

Supervisors: John Eric Humphries (Yale), Winnie Van Dijk (Yale), Aurélie Ouss (UPenn) and Megan Stevenson (UVA)

- “Conviction, Incarceration, and Recidivism: Understanding the Revolving Door” (Conditionally accepted, *Quarterly Journal of Economics*) – Conducted new analyses in response to referee feedback, led the development of an appendix involving the empirical Bayes method, managed the replication package.
- “Incarceration and Wealth” – Made decisions on paper specifications and conducting additional robustness tests for the appendix, using matched Differences-in-Differences and Regression Discontinuity Design.

Research Assistant - Université de Montréal Sept. 2022 - May 2023

Supervisor: René Garcia (Université de Montréal)

- Explained inconsistencies in the variation of the Stochastic Discount Factor across returns in case of high stock market volatility by adding the Generalized Disappointment Aversion hypothesis.

Research Assistant - French Ministry of Economy and Finance Sept. 2021 - May 2022

- Measured the effects of expansive monetary policy on asset prices using panel methods and autoregressive vectors.

CONFERENCES AND WORKSHOPS

Dondena Workshop in Public Policy (DWPP), Bocconi University

Dec. 2024

TEACHING

Course Assistant - Université de Montréal

Sept. 2022 - May 2023

Financial Economics ECN6573

- Graded homework, midterms, and final exams.
- Reviewed course slides to incorporate new findings from recent literature.

Teaching Assistant - Lycée Lakanal

Sept. 2020 - May 2022

Economics and Sociology

- Conducted intensive oral exams to assess students' understanding of course material and to simulate ENSAE competitive exam conditions.
- Prepared comprehensive case files in Economics and Sociology, curated to align with exam standards.

GRANTS AND AWARDS

Research Grant

2022

Department of Economics, Université de Montréal (\$11,200)

ENSAE Award

2021

For Outstanding Student Involvement in Student Life

National Fellowship

2020

French Ministry of Education (\$20,000)

EMPLOYMENT

Public Economic Division Intern - OECD

May-Aug. 2022

- Assisted in research for "Urban house price gradients in the post-COVID-19 era", Ziemann, V. and al. (2013), *OECD Economics Department, Working Papers No. 1756, OECD Publishing*.
- Cleaned micro-data and refined the panel regression model by adding weights.

Public Finance Intern - Cour des Comptes

July - Aug. 2021

- Participated in the writing of a report on the general state of industry in France, developing in particular the parts on the French tax system and its incentive to industrial innovation.

VOLUNTEERING

Vice-President of ENSAE's Student Union

2021-2022

TECHNICAL SKILLS

Programming

Stata, R, Python, L^AT_EX

Languages

French (Native), English (Fluent), German (Beginner)