

Marie Aurélie Lapierre

PhD student in Economics

GATE-LSE & Université Lumière Lyon 2

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Research interests

Urban economics, Labor economics, Peer effects and Neighborhood effects, Housing market, Microeconometrics

Education

- Oct. 2020 – **PhD in Economics**, *GATE-LSE (Groupe d'Analyse et de Théorie Economique Lyon Saint-Etienne) and Université Lumière Lyon 2, France*
Present
- 2017–2020 **Master degree in Economic Analysis and Policy**, *Economics and Finance Msc program, with highest distinction, GATE-LSE and Université Lumière Lyon 2, France*
- 2018–2019 **Year dedicated to volunteering work** in Mauritius (literacy courses teacher at *Caritas*) and in India (Sponsorship Coordinator at *Kalkeri Sangeet Vidyalyaya* NGO)
- 2014–2017 **Bachelor degree in Economics and Business Administration**, with honours, *Université Lumière Lyon 2, France*
Bachelor degree in Political Science, *major in the humanitarian sector, with honours, Université Lumière Lyon 2, France*
- 2013–2014 **French Economic and Social Baccalaureate**, with highest distinction, *Lycée des Mascareignes, Mauritius*

Current and previous positions

- Sept. 2023 – **Temporary Lecturer (demi-ATER)**, *CY Cergy Paris Université and THEMA, France*
Present
- Oct. 2020 – **Full-time PhD student (contrat doctoral)**, *Université Lumière Lyon 2 and GATE-LSE, France*
Aug. 2023

Research stay

- Sept. 2022 – **Institut d'Economia de Barcelona (IEB)**, *Universitat de Barcelona, Barcelona, Spain, invited by Prof. Elisabet Viladecans-Marsal*
Dec. 2022

PhD project (October 2020 - Present)

- Title** Essays on urban spatial inequalities and Labor market trajectories
- Supervisor** Florence Goffette-Nagot, Research Professor CNRS, GATE-LSE
- This PhD project lies at the crossroads of urban economics and labor economics, and aims at better understanding the inequalities resulting from the interaction of the mechanisms of these two strands of the economy. A first chapter assesses the question of the existence of neighborhood effects in job search behaviors, which could amplify the initial unemployment inequalities due to spatial sorting of individuals across neighborhoods. A second chapter seeks to robustly measure the differences in wage compensation for housing costs between skill levels, and its evolution on the recent period. A third chapter focuses on the consequences of high housing costs on the labor market disparities between high-skilled and low-skilled. These issues are both related to public policies implemented in deprived neighborhoods and to housing policies in France.

Work in progress

- Title** **Neighborhood effects and Job search behaviors**
- Co-author** Florence Goffette-Nagot (GATE-LSE)
- Abstract** This paper aims to test for the influence of interactions with neighbors on job search behaviors of unemployed individuals. Using data from the 2014-2019 French Labor Force Survey, we implement a model of endogenous, contextual and group effects inspired from Manski (1993) and applied to job search intensity for different channels. We control for location endogeneity in a similar way as in Bayer et al. (2008) and tackle the reflection issue by using the approach proposed by Lee (2007) and developed by Boucher et al. (2014). We find evidence of endogenous peer effects for all the job search channels, which indicates the existence of imitation or spread of information effects, particularly for job search through personal and professional networks. We also find some contextual and group effects with regards to neighbors' occupations. Such results underline the importance for job search of being surrounded by neighbors with strong labor market connections, and suggest that local social interaction effects in job search could amplify labor market inequalities across neighborhoods.

Title Wage compensation for housing costs: are skilled and unskilled workers equal?

Abstract Standard urban economics models tell us that wages are higher in large cities due to agglomeration economies, but that the concentration of economic agents in these large cities raises housing prices. In equilibrium, wages should compensate for spatial differences in housing costs, real wages should be equal across cities of different sizes, and workers should be perfectly mobile. When considering heterogeneous agents (high-skilled, low-skilled), these models imply that, due to a higher housing cost burden for the low-skilled, the latter should be relatively more compensated than the high-skilled in expensive areas. These conclusions are however based on specific assumptions (perfect mobility, homogeneity of workers within skill levels, no frictions). Recent work on real wage inequalities, differences in standards of living across cities, or real income net of housing costs also suggests that the relationship could go in the other direction (Albouy, 2016; Chen et al., 2023; Diamond & Moretti, 2024; Card et al., 2025). The aim of this article is to provide a robust measure of the level of relative wage compensation for housing costs between skill levels, and their evolution over time. Using France as a case study, this article develops an empirical method that involves: (i) a housing cost index that comprises the three segments of the housing market; (ii) a specific approach to control for spatial sorting across cities; (iii) an innovative bootstrap procedure. I find that low-skilled workers are less compensated than high-skilled workers and that this difference increases over the 2011-2020 period. The results are robust to controlling for potential reverse causality and agglomeration economies effect.

Title The Impact of Housing costs on Labor Market Trajectories

Co-author Ghizlen Ouasbaa Azzouani (Post-doc, IEB & TecnoCampus University Center)

The aim of this article is to assess the impact of high housing costs on labor market differentials between high-skilled and low-skilled workers, with a goal of shedding light on the issue of affordable housing deficit. We conduct an inter-city analysis, comparing differences in outcomes between high- and low-skilled workers based on intra-city mechanisms, in line with urban labor models (Zenou, 2009). We use French administrative data to follow the labor market trajectories of workers over the period 2010-2018, as well as precise data on housing costs. We focus for now on two outcomes: the stability of the contract and the probability of promotion. At the empirical level, we employ instrumental variable techniques to deal with the endogeneity between the housing and labor markets, and a “two-stage approach” to control for the non-random spatial sorting of individuals across cities.

Conferences and Seminars

ADRES 2025 Job Market Conference (Strasbourg, Jan. 2025)
THEMA Theoretical and Applied Economics Seminar (Cergy, Dec. 2024)
CERGIC internal seminar (Lyon, Nov. 2024)
GATE DiVER seminar (Lyon, Sept. 2024)
AFSE 2024 Annual Congress (Bordeaux, June 2024)
13th European Meeting of the UEA (Copenhagen, June 2024)
AFFINITE seminar (Cergy, Jan. 2024)
Annual seminar “Foncier et logement abordables: les défis économiques” (Paris, Nov. 2023)
THEMA Theoretical and Applied Economics Seminar (Cergy, Oct. 2023)
Tenth ECINEQ meeting (Aix-en-Provence, July 2023)
Workshop “Neighborhoods and local interactions” (Paris School of Economics, May 2023)
GAINS seminar (Le Mans Université, March 2023)
GATE DiVER seminar (Lyon, March 2023)
LEMNA PhD seminar (Université de Nantes, Jan. 2023)
Internal Work in Progress (IWIP) Session, IEB - Institut d'Economia de Barcelona (Barcelona, Dec. 2022)
21st Journées Louis-André Gérard-Varet - LAGV (Marseille, June 2022)
19th Augustin Cournot Doctoral Days - ACDD (Strasbourg, May 2022)
Annual Workshop of the Economic and Management doctoral school - EDSEG 486 (Lyon, April 2022)
Theory and Evaluation of Public Policies (TEPP) Winter school, *Poster sessions* (Aussois, March 2022)
15th North American Meeting of the Urban Economics Association, *Search in Labor markets session* (online, Oct. 2021)
GATE PhD seminar (Lyon, Oct. 2021)
GATE DiVER seminar (Lyon, May 2021)

Awards

May 2022 **Best paper award**, *Augustin Cournot Doctoral Days (ACDD) 2022*

Scholarship and Grants

2022-2025 **“Marchés du logement : dynamique d’usage du sol, dynamique des richesses, dynamique des prix”**, *Union Sociale pour l’Habitat*, participation
2020-2023 **Full Research Grant**, *French Ministry of Higher Education*, Université Lumière Lyon 2
2014-2020 **Excellence-Major scholarship**, *French Ministry of Foreign Affairs*, Agency for French Education Abroad (AEFE)

Teaching Experience

- 2023–2025 **Principles of Macroeconomics**, *CY Cergy Paris Université*, Teaching assistant, 1st year undergraduate (L1), 6 groups (90 hours)
- Coordinators: Thomas Brodaty and Agustín Pérez-Barahona
 - Introductory course to macroeconomics: key aggregates, GDP components, monetary mechanisms, economic fluctuations (demand and supply shocks). Preparation and correction of exams.
- 2024–2025 **Principles of Microeconomics**, *CY Cergy Paris Université*, Teaching assistant, 1st year undergraduate (L1), 3 groups (45 heures)
- Coordinators: Cécile Boyer and Pauline Morault
 - Introductory course to microeconomics: the tools of the microeconomist, introduction to game theory, consumer theory, producer theory and market equilibrium. Preparation and correction of exams.
- 2023–2024 **Microeconomics II**, *CY Cergy Paris Université*, Teaching assistant, 1st year undergraduate (L1), 3 groups (45 heures)
- Coordinators: Laurence Jacquet and Pauline Morault
 - Introductory course to microeconomics: consumer theory (budget constraint, preferences, optimal choice) and producer theory (production factors and costs, profit maximisation). Preparation and correction of exams.
- 2022–2023 **Microeconomics**, *Université Lumière Lyon 2*, Teaching assistant, 1st year undergraduate (L1), 2 groups (26 hours)
- Coordinator: Walid Hichri
 - Basic concepts and instruments of microeconomics: consumer theory, producer theory, the market. Preparation and correction of exams.
- 2021–2022 **Dynamic Macroeconomics**, *Université Lumière Lyon 2*, Teaching assistant, 3rd year undergraduate (L3), 2 groups (35 hours)
- Coordinator: Rym Aloui
 - Long-run macroeconomics. Topics covered: the sources economic growth, inequalities and health. Introduction to macroeconomic modeling through the Solow, Malthus and Lucas models.
 - Preparation and correction of exams. Helping and advising students for their pursuit in a Master degree.

Administrative positions

May 2022 – PhD student representative (substitute), GATE-LSE council
August 2023

PhD Training

Learning Group on GIS using Python (LeGoGISP), THEMA, CY Cergy Paris Université (Jan-May 2024)

Learning Group on hedonic regression models, GATE-Lyon-St-Etienne (Feb-March 2024)

Urban economics, UEA summer school, Institut d'Economia de Barcelona - Universitat de Barcelona (June 2022)

Public policy evaluation, Theory and Evaluation of Public Policies (TEPP) Winter school, TEPP CNRS Research Federation (March 2022)

Analyzing Panel Data, GSERM Global School in Empirical Research Methods, University of St-Gallen (June 2021)

Introduction to Python, Université de Lyon PhD training program (March 2021)

Skills

Language	French (native), English (fluent), Mauritian Creole (fluent), Spanish (intermediate)
Software	R (proficient), Python (basics), SAS (basics), \LaTeX , MS Office