

Marie Aurélie Lapierre

PhD student in Economics
at GATE-LSE and Université Lumière Lyon 2

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Research interests

Urban economics, Labour economics, Job search models, Neighbourhood effects, Microeconometrics

Education

- Oct. 2020 – Present **PhD in Economics**, GATE-LSE (*Groupe d'Analyse et de Théorie Economique Lyon Saint-Etienne*) and Université Lumière Lyon 2, France
- 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 *Kalkerri Sangeet Vidyalyaya* NGO)
- 2014–2017 **Bachelor degree in Economics and Business Administration**, with honours, Université Lumière Lyon 2, France
- 2014–2017 **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

PhD project (October 2020 - Present)

Title Essays on urban spatial inequalities and job search behaviours
Supervisor Florence Goffette-Nagot

The major motivation of this research project lies in the existence of strong differences in unemployment rates across neighbourhoods of cities. In France, for instance, deprived neighbourhoods face an unemployment rate two and a half time higher than in other areas. The objective of my work is to understand whether there exist differences in job search behaviours (job search channels, search intensity, types of job targeted) between these neighbourhoods and others that would amplify initial inequalities related to individual characteristics and sorting. I draw on the neighbourhood effect literature and on job search models applied to the urban context. The aim of this work is to take into account the role of social interactions with neighbours on job search behaviours, the role of physical barriers in job access, of lower housing costs and, in a more exploratory way, of living conditions. These issues are related to both housing policies in France and to urban renewal policies implemented in deprived neighbourhoods.

Work in progress

- Title Neighbourhood effects and Job search behaviours
- Co-author Florence Goffette-Nagot
- Abstract This paper aims to test for the influence of interactions with neighbours on the job search behaviours of unemployed individuals. Using data from the 2014-2019 French Labour Force Surveys (INSEE) that allows to identify two nested levels of very precise neighbourhoods, we implement a model of endogenous (how the average behaviour of unemployed neighbours impacts individual's behaviour) and contextual effects (how neighbours' characteristics impact individual's behaviour) à la Manski (1993) applied to different job search methods and intensity. We control for location endogeneity in a similar way as in Bayer, Ross and Topa (2008) and tackle the reflection issue through the use of non-linear estimation techniques and specific computational methods for the social interaction variables. We find evidence of endogenous peer effects for most of the job search methods with a negative impact of having unemployed neighbours counterbalanced by a strong positive effect of their search intensity. We also find some contextual effects with regards to the share of neighbours in high-level occupations for total search intensity and search through networks. These results underline the importance of having neighbours highly connected to the labour market in return to employment and suggest that social interaction effects regarding job search could amplify labour market inequalities across neighbourhoods.

Conferences and Seminars

- 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)

Scholarship, Awards and Grants

- May 2022 **Best paper award**, *Augustin Cournot Doctoral Days (ACDD) 2022*
- 2020–Present **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

2021–2022 **Dynamic Macroeconomics**, *Université Lumière Lyon 2*, Teaching assistant, 3rd year undergraduate (L3)

PhD Training

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)

Administrative positions

May 2022 – Present
PhD student representative, GATE-LSE council

Skills

Language French (native), English (fluent), Mauritian Creole (native)

Software R, \LaTeX , MS Office