

Elodie Andrieu

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Post-Doctoral Researcher
Paris School of Economics
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RESEARCH INTERESTS

Firm Dynamics, Innovation, Subsidies, Labour.

POSITIONS

Post-Doctoral Researcher - Paris School of Economics	2023-2026
<u>Supervisors</u> : Ariell Reshef and Farid Toubal	
Affiliated to the Productivity Institute.	2021

EDUCATION

PhD in Economics - King's College London.	2023
<u>Supervisors</u> : Mary O'Mahony and John Morrow.	
Master degree, Analysis and Policy in Economics (EHESS) - Paris School of Economics	2017-2018
Magistère, Economics - Aix Marseille School of Economics	2015-2017
Licence Degree, Economics - Aix-Marseille University	2012-2016

RESEARCH

Job Market Paper : **Can Firm Subsidies Spread Growth ?** (with John Morrow)

How do firms diffuse resources, and can this result in spillovers outside headquarter intensive areas? We show subsidies induce French firms to hire new workers, mainly in new establishments and often in new commuting zones, with little evidence of reallocation. The most subsidy responsive occupations are techies in line with R&D targeting. Using the predicted employment from subsidies and past employment patterns, we estimate a within industry local spillover elasticity of .23. For openings outside of headquarter areas, this rises to .44 and we find no effect at the commuting zone level. We find a similar effect of spillovers across firm branches. While subsidies are awarded to headquarters in advanced areas, firms redistribute resources and spillovers more broadly.

Measuring the Impact of Lobbying by Exploiting the Complementarity Between Influence Tools (with Olimpia Cutinelli Rendina)

How does corporate lobbying affect firm performance? We provide evidence that lobbying and campaign contributions are strategically linked, and firms use campaign contributions as long-term investments recognizing that legislators will enter important committees over time. We exploit this complementarity using a shift-share instrumental variable design to estimate the impact of lobbying on firm size, financial performance and investments. We find that lobbying positively impacts sales, financial performance and capital expenditures, but not R&D expenditures.

Minimum Wage and Skills : Evidence from Job Vacancy Data (with Mary O'Mahony)

Increases in the minimum wage aim to benefit low-wage workers but may lead firms to offset costs by substituting low-skilled labor with higher-skilled workers or adopting new technology. Following a significant and unexpected UK minimum wage hike in 2016, we found a reduced demand for low-educated and high Risk of Automation (ROA) jobs, coupled with an increased demand for technical skills. Using a difference-in-differences framework, this paper provides evidence of labor-labor substitution at the low-end of the skill distribution and labor-technology substitution, showing a shift towards jobs requiring advanced technical skills.

Working Papers

Uncertainty and the COVID-19 crisis : Evidence from online job postings with Chiara Criscuolo and Mariagrazia Squicciarini

Work In Progress

Business Groups and Innovation (with Ariell Reshef and Farid Toubal)

Innovation in Family Business (with Olimpia Cutinelli Rendina)

Subsidies and Firms (with Farid Toubal)

PRE-DOCTORAL PUBLICATIONS

The evolution of the association between community level social capital and COVID-19 deaths and hospitalizations in the United States (with F. Borgovoni and S.V. Subramanian) Social Science & Medicine, 2021, <https://doi.org/10.1016/j.socscimed.2021.113948>. The Academic Times.

Bowling together by bowling alone : Social capital and Covid-19 (with F. Borgovoni) Social Science & Medicine, 2020, <https://doi.org/10.1016/j.socscimed.2020.113501>. VoxEU, IOE London Blog.

The role of education and skills in bridging the digital gender divide, evidence from APEC countries (with F. Borgovoni, A.S. Liebender and M. Squicciarini), OECD, 2019.

Occupational transitions : the cost of moving to a “safe haven” (with S. Jamet, L. Marcolin and M. Squicciarini) OECD Science, Technology and Industry Policy Papers, 2019, <https://doi.org/10.1787/6d3f9bff-en>.

RESEARCH EXPERIENCE

Research assistant for Francesca Borgonovi, University College London	2020-2022
Consultant, joint project the International Organization for Migration (IOM) and the Center for Global Development, London	2022
Consultant, Science, Technology and Innovation (STI) Directorate, OECD, Paris.	2020
Conducting field surveys for The Abdul Latif Jameel Poverty Action Lab (JPAL), Paris	2018

SEMINARS AND CONFERENCES

2024 : 16th FIW Research Conference ‘International Economics’, College de France-INSEAD Lunch Seminar, PSE Internal Seminar, LSE Spatial Disparities RPN Workshop.

2023 : QMUL Brownbag Seminar, OECD PIE Brownbag Seminar, City University Lunch Seminar, GEP/CEPR Annual Postgraduate Conference, multiple KCL events (seminar, symposium, brownbag), Eu-SPRI (Brignton), CMA-Durham Workshop, AFSE, CMA Lunch Seminar, Shaping Globalization Workshop (Mainz).

2022 : Text as data conference (Zurich), Low Pay Commission (London), ESCOE (Glasgow), TPI Talks (Manchester), Research Day College de France x King’s (London), OECD Labour Brownbag Seminar (Paris).

2021 : OECD CIIE webinar on BGT.

2020 : Exploring Online Job Vacancy Data.

COORDINATED EVENTS

Founder and co-organizer of the Junior Research Day joint King's College London and Collège de France
Two editions per year : Paris and London.

London : 2022, 2023, 2024 (forthcoming at UCL)

Paris : 2023, 2024.

TEACHING

King's College London

Teaching Assistant

Game Theory, undergraduate level, Niall Hughes. 2022

Advanced mathematics for economists, undergraduate level, Omid Mazdak and Eddy Tam. 2022

Mathematics for economists, undergraduate level, Seyhun Sakalli and Dimitrios Minos. 2021

Principles of economics, undergraduate level, Hector Espinoza and Christian Darko. 2020-2021

Introduction to microeconomics, undergraduate level, John Morrow and Sotiris VANDOROS. 2020

HONORS AND FELLOWSHIPS

King's College London, full Doctoral Scholarship. 4 years

Dauphine University, Family Business Chaire. € 10,000

COMPUTER SKILLS AND LANGUAGES

Econometrics R, Stata, SAS, Matlab.

Others Office Pack, L^AT_EX.

Languages French (Native), English (Native), Spanish (Intermediate).

Hobbies Athletics (London City Runner cross country team and half-marathons), skiing and triathlon.