

Louise Guillouët

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SUMMARY OF QUALIFICATIONS

Ph.D. Economist committed to international development: nine years of experience in award-winning economic research, policy analysis and advice and exposure to private sector issues

Demonstrated communication and leadership skills: leading multicultural teams in the field and at headquarters in research, private-sector, policy and educational projects

Work experience in emerging markets: French Polynesia, Colombia, China, Myanmar, Burkina Faso
Languages: French (Native), English (Fluent), Spanish (Proficient), Chinese (Beginner)

WORK EXPERIENCE

Organisation for Economic Cooperation and Development (OECD) 2022 - present
Economist in the Productivity, Innovation and Entrepreneurship division Paris, France

- Co-lead a workstream on firm-level production networks by designing and conducting econometric analysis on Estonian Value Added Tax records, leading to three papers in progress, a framework paper for policy applications and the co-organisation of an international conference
- Co-lead the review of the Slovenian Industrial Strategy, including the supervision of interns or consultants, the cooperation with other OECD divisions and the relationship with stakeholders, culminating in the organisation of high-level policy events
- Support junior team members in collecting data, conducting quantitative analysis and drafting material for the multi-country Quantifying Industrial Strategies project
- Draft research and policy papers, present and discuss results at policy and research events, lead capacity-building workshops

Columbia University 2017 - 2022
Researcher in Development Economics New York, NY - Yangon, Myanmar - Ouagadougou, Burkina Faso

- Design and conduct advanced quantitative analysis on varied datasets from several countries, such as surveys from Myanmar and big commercial big data from Mexico
- Organize and conduct interviews with private stakeholders and policymakers in Myanmar and Burkina Faso
- Design, pilot and supervise the implementation of eight surveys in Myanmar and Burkina Faso
- Organize and present at private-sector and policy outreach events with more than 100 people in Myanmar
- Write several successful grant proposals detailed below, raising over \$250,000
- Present at internal seminars and academic and policy conferences detailed below

Teaching Assistant in Economics 2017 - 2020

- Taught principles of economics, intermediate macroeconomics, economic development and industrial organization to groups of 5 to 30 elite undergraduate students coming from dozens of different countries
- Adapted to different styles of teaching, in-person and online. Average evaluation given by students: 4.3/5

Research Assistant in Environmental Economics Summer 2017

- Create extensions for a theoretical model of the welfare effects of corrective policies
- Wrote code to check the robustness of the empirical analysis of an energy-saving program
- Reviewed the manuscript before the successful resubmission: Costa, Francisco, and François Gerard. "Hysteresis and the welfare effect of corrective policies: Theory and evidence from an energy-saving program." *Journal of Political Economy* 129.6 (2021): 1705-1743.

ENGIE - Strategy department March 2015 – August 2015
Strategy analyst Paris, France

- Researched topics such as the future of gas, customer-centricity and franchising in the context of the company's shift from a fossil fuel major to a leader of the energy and environmental transition
- Wrote reports for the board of directors of the company and other stakeholders of the global energy industry

- NERA Economic Consulting - Environment, Energy and Networks** September 2014 – February 2015
Economic analyst Paris, France
- Quantified the economic impact of the EU Emissions Trading System on the local and global cement industry and proposed policy adjustments
 - Valued the high-stake, high-uncertainty acquisition of a rare gas tract
 - Designed presentations and presented to clients up to the board of directors
- French Treasury - Regional Economic Service in China** June 2014 – August 2015
Research officer Shanghai, China
- Conducted a study and wrote a report about regional and national policies supporting innovation
 - Organized and conducted interviews with dozens of private-sector leaders and policymakers
- Paris School of Economics** February 2014 – May 2014
Research Assistant in African Economic History Paris, France
- Designed a search strategy to retrieve new information from the French National Archives about historical income distribution in the former French colonies
 - Created a unique dataset which led to a publication: Alvaredo, Facundo, Denis Cogneau, and Thomas Piketty. "Income inequality under colonial rule evidence from French Algeria, Cameroon, Tunisia, and Vietnam and comparisons with British colonies 1920–1960." *Journal of Development Economics* (2021): 102680.
- Progressive Policy Institute** January 2013 – May 2013
Policy Analyst Washington, DC
- Analyzed health and environmental policy proposals under discussions at the U.S. Congress
 - Wrote notes and presentations for private-sector stakeholders and policymakers

EDUCATION

- Columbia University** 2022
Ph.D. in Economics New York, NY
- Dissertation: "Essays in Industrial Development" (supervisor: E. Verhoogen)
 - Recipient of Oxford University's Global Priorities Institute (GPI) Fellowship (2021) and Columbia University's Dissertation Fellowship (2021), Wueller Fellowship for best dissertation proposal (2020), Alliance Fellowship (2019), Dean's Fellowship (2016)
- Paris School of Economics** 2016
M.Sc. Analysis and Policy in Economics *Summa Cum Laude* Paris, France
- Thesis: "A New Interpretation of the Precautionary Principle" (supervisor: D. Martimort)
 - Recipient of the American Foundation for the Paris School of Economics International Fellowship funding one semester as a graduate student at U.C. Berkeley (2016)
- Sciences Po and Université Pierre et Marie Curie** 2013
B.A. and B.Sc. *Cum Laude* in Science and Social Science Paris, France
- Including one year as an exchange student at the George Washington University

PUBLICATIONS

- Estonia's firm-level production networks** 2024
with C. Criscuolo, A. Dechezlepretre, G. Lalanne and F. Manaresi
OECD Science, Technology and Industry Policy Paper
- Language Barriers in Multinationals and Knowledge Transfers** 2024
with A. Khandelwal, R. Macchiavello, M. Malhotra and M. Teachout
Review of Economics and Statistics
- Quantifying industrial strategies across nine OECD countries** 2023
with C. Criscuolo, L. Díaz, G. Lalanne, C. van de Put, C. Weder and H. Zazon Deutsch
OECD Science, Technology and Industry Policy Paper

WORKING PAPERS

The Demand Side of Firm Growth: Evidence from Mexico

- Analyze big data to identify the barriers that prevent Mexican firms from introducing new goods
- Design a model of consumer learning under uncertainty, suggesting transparency policies could contribute to private-sector growth and local job creation

Acting in the Darkness: Towards Some Foundations for of the Precautionary Principle

R&R

with D. Martimort

- Design a model describing technologies that are profitable economically but pose environmental threats
- Compute the optimal policy paths depending on the regulator's ability to commit
- TSE working paper, Revise and Resubmit, Theoretical Economics

The Unequal Gains from Entry at the Top: Estimating the Whole Foods Effect

Submitted

- Analyze big data to estimate the causal effect of gentrification on low-income residents' welfare
- Design a model to think about what policy actions could mitigate these negative impacts
- SSRN working paper

RESEARCH GRANTS

Supply-Chain Linkages with FDI Firms: Experimental Evidence from Myanmar (£175,394) 2020

International Growth Centre (IGC), with A. Khandelwal and R. Macchiavello - returned due to the coup

Evaluating a novel approach for expanding the pool of entrepreneurs in Myanmar (£19,774) 2020

IGC's Small and Growing Business Fund, with R. Zempléni - returned due to the coup

Government Relief Measures for Small and Medium Enterprises in Burkina Faso (£31,828) 2020

Private-Enterprise Development in Low-Income Countries (PEDL), with J. Deutschmann, S. Gansonré and A. S. Ouédraogo - see PEDL Note

The Social Quality of Goods (\$25,000) 2020

National Science Foundation Doctoral Dissertation Improvement Grant

SELECTED CONFERENCES AND PRESENTATIONS

2024 Workshop on firm-level production networks (Rome), Complexity Science Hub Workshop on Supply chains (Vienna); **2023**: Centre for Competition Policy (University of East Anglia), International Conference on Economics and Sustainable Business Roads to Sustainability (University of Coimbra); **2022**: ASSA Annual Meeting (online), Dusseldorf Institute for Competition Economics (online), Oxford Global Priorities Institute (online), Workshop on Firms, Labour Markets and Development (EUI); **2021**: CEPR's Structural Transformation and Economic Growth, Centre for the Study of African Economies, Society for Institutional and Organizational Economics (all online), Oxford GPI; **2020**: CEPR/EBRD's Economics of Transition Seminar, Northeastern Universities Development Consortium, Empirical Management Conference (all online); **2019**: French Association of Environmental and Resource Economics Annual Conference, Sciences Po Paris Friday Seminar (France), University of Warwick Economics PhD Conference (UK); **2018**: World Congress of Environmental and Resource Economics (Sweden), Innovation for Poverty Action SME Meeting (USA), PEDL Workshop on the Frontiers of Research (EAU)

OTHER SKILLS

Computer Languages: Microsoft Office, Stata, R, Python (including geopandas), MATLAB, Mathematica, Latex

Human Languages: French (Native), English (Fluent), Spanish (Proficient), Chinese (Beginner)

Sports: Long-distance runner (IR2 level for all distances from 1500 meters to marathon, IR1 level for 20 kilometers)