

LISA BEIHY PACHECO

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Citizenship: Brazilian

London School of Economics and Political Science
Sir Arthur Lewis Building, 32 Lincoln's Inn Fields
London WC2A 3PH, UK

EDUCATION

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|---|---|
| London School of Economics and Political Science (LSE) <i>PhD Economics</i> Fields: Environmental Economics, Industrial Organisation and Development Economics Supervisors: John Van Reenen and Robin Burgess Personal Webpage | London, UK <i>Ongoing, Expected Early 2026</i> |
| London School of Economics and Political Science (LSE) <i>MRes Economics (Merit)</i> | London, UK <i>2023</i> |
| Pontifical Catholic University at Rio de Janeiro (PUC-Rio) <i>MSc Economics</i> | Rio de Janeiro, Brazil <i>2021</i> |
| University of São Paulo (USP) - School of Economics, Business and Accounting <i>BSc Economics</i> | São Paulo, Brazil <i>2018</i> |

AFFILIATIONS

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| Growth Programme, Centre for Economic Performance (CEP) PhD Candidate, <i>London School of Economics and Political Science (LSE)</i> CEP Personal Webpage | London, UK <i>2023 - Ongoing</i> |
| Economics of Energy and Environment Programme, STICERD PhD Candidate & Research Assistant, <i>London School of Economics and Political Science (LSE)</i> STICERD Personal Webpage | London, UK <i>2023 - Ongoing</i> |

ACADEMIC POSITIONS

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| Graduate Teaching Fellow <i>London School of Economics (LSE)</i> <i>Department of Economics</i> EC427 The Economics of Industry (MSc) <i>School of Public Policy</i> PP404 Economics for Public Policy (MPP) PP421E Global Market Economics (EMPA, EMPP) PP455E Empirical Methods for Public Policy (EMPA, EMPP) | London, UK <i>2023 - Ongoing</i> |
| Research Assistance <i>International Growth Centre (IGC)</i> <i>Clare Balboni, Tim Dobermann, Michael Greenstone, Mar Reguant, Nicholas Ryan</i> IGC Evidence Paper: Energy & Environment | London, UK <i>2023</i> |
| Graduate Teaching Assistant <i>Department of Economics, London School of Economics (LSE)</i> EC1A5 Microeconomics I (undergraduate) EC1B3 Macroeconomics I (undergraduate) | London, UK <i>2022 - 2023</i> |

Research Assistance*Swati Dhingra, London School of Economics (LSE)*

London, UK

2022

Research Assistance*Diana Moreira and Santiago Pérez, University of California, Davis (UC Davis)*

Davis, CA, USA

2020 - 2021

Projects: *Who Benefits from Meritocracy?* and *Civil Service Exams and Organizational Performance: Evidence from the Pendleton Act*

Graduate Teaching Assistant*PUC-Rio*

Rio de Janeiro, Brazil

2020

Microeconomics I (MSc and PhD)

WORKING PAPERS

“Power Move: Solar Adoption Among Firms”*Job Market Paper*

Abstract: The goal of this paper is to study the diffusion of green technologies. I consider the case of photovoltaic panels (PV) adoption by firms in Brazil, and evaluate the pattern of adoption and how it relates to price mechanisms and technology suitability. The purpose of the paper is to provide insight into the mechanisms that determine the adoption of photovoltaic energy, offering reduced-form evidence of the investment pattern across locations. To do so, I estimate the effects of local energy prices and heterogeneous geographic suitability for solar power generation on PV investment at the municipal level. Higher energy prices are positively correlated with higher solar adoption, indicating that firms switch to photovoltaic generation more often when gains from lower energy bills are greatest, and that adoption was higher where energy tariff subsidies represented larger shares of the total energy bill. I also find that within regions greater solar suitability is also positively correlated with higher adoption and that this effect is only significant in years when adoption is the most intensive. Additionally, I show that larger and older firms are overrepresented among adopters, possibly indicating that informational frictions and credit constraints might play a role in adoption. Finally, in future versions of this paper, I discuss the next steps and present a theoretical investment model to be estimated with firm-level data.

“Drug Wars in the Amazon”*Joint with Beatriz Machado Ribeiro***“Oligopsony Power in Labor Markets: Evidence from a Payroll Tax Reform”**[pdf](#)

Abstract: Understanding non-competitive behavior in labor markets has become crucial to gain insight into labor market dynamics, and estimating labor supply wage elasticities can help determine the existence of oligopsony power. By building on Manning (2003), I use matched employer-employee data, and take advantage of sector-specific shocks to payroll taxes, to estimate labor supply wage elasticities for the Brazilian labor market. I estimate separation and recruitment elasticities using an IV approach that allows for the identification of exogenous variation in wages through the reform on payroll taxes implemented in Brazil, which represents shocks to labor demand. While standard OLS estimates are low (and unrealistic) as in the recent literature, estimates using the IV approach are much more reasonable. The results indicate that there exists considerable labor market power by firms in Brazil, with a market-level elasticity of 1.4 and a firm-level elasticity of 4.4. Finally, I evaluate whether oligopsony power is different between skill levels, as well as between more or less urbanized and informal municipalities. I find that firms exert higher markdowns for low-skill workers, and that higher labor market power is correlated with lower urbanization and higher informality.

WORK IN PROGRESS

Untitled project on informal housing in environmentally protected areas and political economy cycles in Italy

Joint with Emiliano Rinaldi

Untitled project on the microclimate impacts of deforestation in the Amazon and its GE economic effects

EMPLOYMENT HISTORY AND INSTITUTIONAL POSITIONS

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| Economics of Energy and Environment (EEE) <i>London School of Economics (LSE)</i> Organiser, including Committee Co-chair for Environment Camp and Environment Week | London, UK 2023 - Ongoing |
| EQTutors (Equilibrium - The Learning Company) <i>Tutor: IB, undergraduate and graduate Economics</i> | London, UK 2022 - 2024 |
| MB Associados <i>Research intern for economic and political consultancy firm</i> | São Paulo, Brazil 2016 |
| Federação das Indústrias do Estado de São Paulo (FIESP) <i>Research intern on Illicit Markets Indices</i> | São Paulo, Brazil 2015 |

HONORS, AWARDS AND ACHIEVEMENTS

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| LSE PhD Studentship <i>London School of Economics (LSE), awarded on academic merit</i> | London, UK 2021 - Ongoing |
| FAPERJ Bolsa Nota 10 <i>PUC-Rio, awarded to top students in M.Sc. programs in the state</i> | Rio de Janeiro, Brazil 2020 - 2021 |
| CNPq full scholarship for Masters degree program <i>PUC-Rio, awarded to the best classified students applying to masters programs nationwide</i> | 2019 - 2020 |

TECHNICAL SKILLS AND OTHER ACTIVITIES

Programming Languages: MATLAB, Stata, R, \LaTeX
Languages: Portuguese, English, French, Italian