

LEWIN NOLDEN

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Education

University of Oxford

DPhil in Economics

- Probationer research student at the University of Oxford, DPhil in Economics program, under the supervision of Barbara Petrongolo and Johannes Abeler.

October 2025 –

Oxford, on-site

Sciences Po Paris

Research Master's in Economics

September 2022 – July 2024

Paris, on-site

Peking University

Exchange Semester

February 2021 – July 2021

Beijing, remote

Sciences Po Paris, Campus de Reims

Bachelor's in "Economy and Society"

September 2018 – July 2021

Reims, on-site

Ongoing Research

Separations on the Job-Ladder

joint with Kerstin Holzheu, [link to working paper](#)

- Using matched employer-employee data from Italy, Germany, and Austria, we document a U-shaped relationship between within-job wage changes and separations: both wage cuts and wage gains predict higher separation, especially among low-experience workers. The pattern disappears once wage changes are standardized within tenure groups, indicating a compositional job-ladder mechanism. To explain it, we develop and estimate a random-search model with worker and firm heterogeneity, learning, persistent match productivity, and on-the-job renegotiation. The model implies that history-dependent learning drives cross-worker differences in wage-change volatility, while renegotiation capital stabilizes wages as workers move up the ladder. Learning frictions reduce output by 1.3%.

EV Incentives and the Trade-Off Between Decarbonization and Reshoring

joint with Clément Malgouyres and Thierry Mayer, [link to working paper](#)

- Governments increasingly tie clean-technology subsidies to social and industrial aims, hoping to accelerate decarbonization while nurturing domestic production. France's 2024 reform embeds a life-cycle environmental score in its electric-vehicle (EV) purchase bonus (based on estimated emissions during the production process). Linking exhaustive French registration records to assembly plants and battery origins, we exploit the sharp January-2024 eligibility shock in a difference-in-differences design. Treated EV models experience 60 % decline in sales relative to EVs remaining eligible. We combine these estimates with survey-based stated preferences in order to estimate a nested-logit demand system. Model-based counterfactuals suggest that the reform reduced total EV penetration by 0.9 pp, implying slower fleet decarbonization. The reform cut both public spending and consumer surplus and raised tank-to-wheel emissions enough to offset manufacturing-stage CO₂ gains. A budget-neutral variant that recycles the fiscal savings into larger bonuses for eligible models would restore the lost electrification, and would cost about 4 500 of consumer surplus per reshored battery while turning the net environmental gains positive.

Research Experience

Journal of Political Economy, University of Chicago

July 2025 –

Data Replicator

Chicago, remote

- Replicating results of papers conditionally accepted at the Journal of Political Economy, reporting to the journal's data editor Florian Oswald

École Polytechnique (CREST) / Institut Politiques Publiques September 2024 – August 2025

Pre-Doctoral Researcher, full-time

Paris, on-site

- Research assistant to Pierre Boyer and other researchers associated with the Institut Politiques Publiques at Paris School of Economics (Stata, R)

Sciences Po

May 2024 – August 2024

Research Assistant, part-time

Paris, remote

- Research assistant to Kerstin Holzheu. Empirical work on two projects utilising matched employer-employee data from Germany (LIAB), Austria (AMDB) and Italy (IVWH) (Stata, Matlab)

Royal Economic Society

September 2023 – August 2024

Data Replicator, part-time consultant

London, remote

- Replicating results of papers conditionally accepted at the Economic Journal, ensuring reproducibility, communicating with authors to make adjustments (Stata, R, Python, QGIS)

Ifo Institute Center for the Economics of Education

May 2023 – July 2023

Summer Research Intern, full-time

Munich, on-site

- Research assistant to Ludger Woessmann and team (Stata, R)

Scholarships

Melvyn Young Graduate Scholarship

October 2025 - September 2028

Trinity College Oxford

German Academic Scholarship Foundation

awarded in 2020

merit-based

- Highly selective with < 0,5% of German students accepted, offering network and financial support as well as academic events and conferences
- Participated in seven day machine learning summer school with the German Academic Scholarship Foundation in summer 2021 under the supervision of Arnulf Quadt

Evangelisches Studienwerk Villigst

awarded in 2020

merit-based

- Offering network and financial support (covering tuition and part of living costs)

Languages

- German: native
- English: fluent (IELTS 8.5/C2 taken in 2019)
- French: advanced (C1)