Frederic Denker

PhD Candidate, Paris School of Economics – EHESS
frederic.denker@psemail.eu

Research Interests

Education Economics, Labour Economics, Innovation Economics

Research in Progress

Schools, Neighbourhoods, and Adult Outcomes: Exposure and Policy Effects in England
School and neighbourhood exposure effects and the long-run impacts of public investment in England.

Teenage Innovators: Selection, Performance and Ideas in a Large High School Competition
with John Van Reenen (LSE & MIT) and Gaia Dossi (Einaudi Institute)
How gender and social background shape selection, performance and ideas in a large US high school competition.

The Educational Seesaw: Balancing Resources and Stigma in French Priority Education
with Julien Grenet (PSE, CNRS, IPP) and Lionel Wilner (CREST)
Effects of a large bonus for teachers in disadvantaged French schools on teacher mobility and student outcomes.

The Role of Schools in Driving Labor Market Sorting
with Sandra McNally (Surrey & LSE) and Mimosa Distefano (LSE)
Contribution of secondary schools to worker-firm matching, using matched data for England.

Education

Paris School of Economics – EHESS — Sep 25 – present
PhD in Economics — Paris, France
Advisor: Julien Grenet (PSE, CNRS, IPP)
Title: *Essays in Labour & Education Economics*

Paris School of Economics — Aug 21 – Jul 23
MSc Analysis and Policy in Economics (APE) — Paris, France
Overall grade: 16.28 / 20, Highest Honors, top 10% of cohort

Zeppelin University — Sep 16 – Jan 21
BA Corporate Management & Economics — Friedrichshafen, Germany
Overall grade: 1.3 / 6, High Honors

UC Berkeley — Sep 19 – Dec 19
Exchange semester – Economics — Berkeley, United States
Grade: 4.0 / 4.0 (A)

Ghent University — Feb 19 – Jun 19
Exchange semester – Business & Economics — Ghent, Belgium
Grade: 16.4 / 20 (US equiv.: A)

Research Experience

Predoctoral Fellow at LSE — Sep 23 – July 25
John Van Reenen (LSE & MIT) — London, United Kingdom
- Researching the role of Chinese industrial policy in the rise of solar energy - locally and globally

Research Assistant at PSE — Jun 22 – Aug 22
Ariell Reshef (PSE) and Cailin Slattery (NBER & UC Berkeley) — Paris, France
- Research project at the intersection of law and labor economics
- Data analysis in Stata with a focus on the implementation of recent DiD-Techniques

Research Assistant at Sciences Po Jul 20 – Jul 21

Thomas Chaney (USC & Sciences Po), Johannes Boehm (Geneva), Danial Lashkari (Fed NY) Paris, France

- Research project on the long-run determinants of growth
- Data preparation in R and Python for a large research project
- Geospatial analysis and visualization in Python
- Implemented a Docker-based workflow to ensure reproducibility in data cleaning

Research Assistant at the GCEE Mar 21 – Apr 21

German Council of Economic Experts Wiesbaden, Germany

- Built and calibrated a Bayesian SVAR model for sector-specific firm insolvency analysis

Research Assistant Oct 17 – Dec 19

Center for Political Communication Friedrichshafen, Germany

- Research project on regional development policy
- Data analysis in R, survey creation and literature reviews

Presentations

PSE (Applied Lunch Seminar) 2026

LSE (POID Seminar, CEP Education Seminar, CEP-SLH Workshop), UCL* (Stone Center), NetSciSci* 2025

Cambridge (El-Erian Institute), LSE (CEP Internal Junior Seminar) 2023

* *Given by coauthor*

Teaching

Teaching Assistant, Public Economics 2026–27

Paris School of Economics, master's course Paris, France

Instructor, AI in Research workshop 2026

Paris School of Economics, incoming master's students Paris, France

Teaching Assistant at Zeppelin University Sep 20 – Dec 20

Carsten Sauer Friedrichshafen, Germany

- Course in Applied Statistics in R / Introduction to R
- Supported the course through planning the main course material and teaching of the tutorials

Non-Academic Employment

Intern – PricewaterhouseCoopers – Consulting 2018

Intern – Reparando – Analytics 2017

Intern – Atos Worldline – Accounting 2015

Intern – Deka Investment – Market analysis 2015

Volunteering

Member of the National Working Group 2018–2019

Stifterverband (German think tank for national education and innovation policy)

Host Team President 2017–2018

LakeMUN (Model UN for high school students in southern Germany)

Full-time Volunteer 2016

Furniture Resource Center (non-profit supporting furniture distribution for families in need in Liverpool)

Skills & Test Scores

Programming: Python (advanced), R (advanced), Stata (advanced), LaTeX

Languages: German (native), English (fluent, C2), French (intermediate, B2)

IELTS: Overall 8.5