

Sebastián Carpentier

Date of birth: 10/04/1995
Nationality: French & Chilean

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EDUCATION

Pompeu Fabra University (UPF) Barcelona, Spain
PhD in Economics (2nd Year) 09/2024-Present

Pompeu Fabra University (Barcelona School of Economics) Barcelona, Spain
M.Sc. in Economics and Finance, *Summa Cum Laude*. 2022-2023

GPA: 9.13/10

Best Master Thesis, published on UPF public repository. Title: The impact of free tuition on college enrollment and attrition: quasi-experimental evidence from Chile.

University of Chile Santiago, Chile
B.A. in Economics and Business, *Cum Laude*. 2014-2018

PROFESSIONAL EXPERIENCE

Rockwool Foundation Barcelona, Spain
Research Assistant, Professor Albrecht Glitz 09/2023 – 11/2025

- Espionage data compilation and treatment using text analysis tools.
- Generation of causal evidence of the impact of trade embargoes on espionage intensity and subsequent innovation activity, using staggered difference in differences.
- Drafted the resulting working paper.

First Impact SpA Santiago, Chile
Associate Consultant 03/2022 – 08/2023

- Impact assessment and program evaluation using quasi-experimental methodologies.
- Diagnosis, design and systematization of social programs and initiatives.
- Data cleaning, statistical analysis, empirical research, project reports and literature reviews.

Acción Educar Foundation Santiago, Chile
Research Analyst 08/2019 – 11/2021

- Designed and drafted a policy proposal to improve the Chilean higher education financial aid system, document that was presented to government authorities together with a report on the projected fiscal cost.
 - Researched on the drivers of mismatch between student and programs quality.
 - Led a research project to explore the determinants of the excess of duration in tertiary education, aiming at generating policy recommendations to mitigate its detrimental effects.
- Achievements: Two of the research projects I led were published and I was invited to present at the 12th annual meeting of the Chilean Society of Public Policy (SCHPP).

F&K Economics Santiago, Chile
Economic Consultant 09/2018 – 08/2019

- Realized elasticity of demand estimation to evaluate the impact of an alcohol tax increase, concluding that it failed to correctly mitigate the negative externality while it generated regressive tax burdens.

LANGUAGES & SKILLS

Languages: Spanish (Native), English (Fluent), French (Fluent)
Programming Skills: Stata (Advanced), Microsoft Excel (Intermediate), R(intermediate), Python (Basic)
Causal Inference Methodologies: Difference-in-differences (advanced), Regression Discontinuity Designs (advanced), Randomized Control Trials (advanced), Matching Methods (advanced).

PUBLICATIONS

Carpentier, S, Carrera, D, Miranda, A, Requejo, F, Rojano, J. The impact of free tuition on college enrollment and attrition: quasi-experimental evidence from Chile. 2023. <http://hdl.handle.net/10230/58609>

Carpentier, S., Arias, P., and Fernández, R. (2022). Disparate pairing in tertiary education? Determinants of mismatch in Chilean universities. *Revista Educación Superior y Sociedad*, 34(1), 811-840.

Carpentier, S. (2021). Determinants of over-duration in higher education in Chile, *Calidad en la Educación*, (54), 212-244.

Work in Progress

Trade Embargoes, Espionage and R&D
with Albrecht Glitz.

Free College and Long-Run Outcomes: Evidence from Chile
with Valentina Paredes and Francisco Di Biase.

Financial Constraints and Gender-Stereotypical Degree Choices