

CURRICULUM VITAE
CATALINA MARIA LAUER ZEGARRA

CONTACT INFORMATION

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PROFESSIONAL SUMMARY

I am a PhD Candidate in Economics at GSEFM in Germany, focusing on the Economics of Education, Gender Economics, Labor Economics, and Applied Econometrics. I graduated with honors from Adolfo Ibañez University in Chile, earning my bachelor's in business engineering in 2015 and my MSc in Economics in 2017. I have lectured on Regression Methods for Binary Data at Mainz University and taught Introduction to Economics and Macroeconomics I at Finis Terrae University. I have worked as a Student Assistant at the SAFE Leibniz Institute of Finance and as a Research Assistant at the Centro de Economía y Política Regional. My research contributions span various projects in labor, gender, and education economics. I have collaborated on four working papers and three publications.

RESEARCH INTERESTS

Economics of Education, Gender Economics, Labor Economics, Applied Econometrics

EDUCATION

2021 - Present	PhD Economics, GSEFM (Frankfurt, Mainz and Darmstadt University), Germany
2021 - 2026	MSc Economics, GSEFM (Frankfurt, Mainz and Darmstadt University), Germany
2016 - 2017	MSc Economics, Adolfo Ibañez University, Chile
2012 - 2015	Bachelor Business Engineering, Adolfo Ibañez University, Chile

TEACHING EXPERIENCE

Lecturer, Linear Regression and Introduction to STATA	Frankfurt University, 2024
Lecturer, Regression Methods for Binary Data	Mainz University, 2024-2025
Lecturer, Introduction to Economics	Finis Terrae University 2019 - 2021
Lecturer, Macroeconomics I	Finis Terrae University 2019 - 2021

OTHER EMPLOYMENT AND PROFESSIONAL ACTIVITY

2023- 2025	Student Assistant, Data center, SAFE Leibniz Institute of Finance
2018 – 2021	Research Assistant, Centro de Economía y Política Regional (Center for Economics and Regional Policy), Adolfo Ibañez University Data process, data analysis, literature reviews and redaction in projects with professors associated to the CEPR.
2020	Consultant in project “Gaps between demand and supply of early Childhood Education in Chile” for the Education Ministry in Chile. Work in Python, Qgis (Pygis) and Arcqis with the databases of the 2017 Chilean Census, National Social Registry of Households (Registro Social de Hogares) and CASEN survey (National Survey of Socioeconomic Characterization), as well as private ministry data of schools and daycare. With this information I created a georeferenced map of Chile and its Schools and daycares as well as geospatial covariates for the estimations, that allowed to

study the demand and supply of preschool in Chile, as well as visualizations to understand it.

PUBLICATIONS

Matias Berthelon, Diana Kruger, Catalina Lauer, Luca Tiberti & Carlos Zamora (2024) Longer School Schedules, Childcare and the Quality of Mothers' Employment, *Economic Policy*, <https://doi.org/10.1093/epolic/eiae037>

Juan Pedro Eberhard, Javier Fernandez & Catalina Lauer (2023) Effects of maternity on labor outcomes and employment quality for women in Chile, *Journal of Applied Economics*, 26:1, 2232965, DOI: 10.1080/15140326.2023.2232965

Juan Pedro Eberhard & Catalina Lauer (2020). Diferencias en la elección de establecimiento educacional para la población local e inmigrantes: Caso chileno. *Estudios Pedagógicos*, 45(2), 29-45. doi:10.4067/S0718-07052019000200029
(Differences in School Choice between locals and immigrants: Chilean case, in English)

WORKING PAPERS/RESEARCH IN PROGRESS

"Determinants of Migratory Flows of University Education Students in Chile: The Effect of Local Supply" with Juan Pedro Eberhard and Alejandra Astete.

"Impact of Emergency Contraception Distribution on Female University Enrollment in Chile", PhD thesis chapter.

"Access to reproductive health and gender gaps in education", with Diana Kruger and Carolina Molinare

"Labour Market Integration of EU and NON-EU Migrants in Germany", with Fernanda Almeida & Iván Pérez

PROJECTS

Research Assistant in "Territorial Inequalities and Gender Gaps: How Does the Territory Affect Investment Decisions in Advanced Human Capital?" UNAB projects with gender perspective.

I specifically worked in data processing and regression design and worked with methodologies of gravity models for migration. I designed and ran the regressions and interpretation. A working paper is in progress.

Research assistant in "Understanding Low Female Labor Force Participation in Chile: Causes and Consequences" Fondecyt Iniciación # 11180694

I specifically worked in maternity. I researched Kleven's 2019 paper on child penalties and replicated it with Chilean data of the Social Protection Survey (Encuesta de Protección Social). Then, researched literature and developed the idea for the final paper "Effects of Maternity in Labor Outcomes for Women in Chile", where I processed the data and implemented a matching and Heckman methodology to study the changes in overall job quality for women before and after becoming mothers, with the use of a quality of employment index (QoE).

Research assistant in "Policy Analysis on Growth and Development" (PAGE-II) research program. Partnership for Economic Policy (PEP)

I processed the data of the 2017 Social Protection Survey (Encuesta de Protección Social) to retrieve the complete labour history of the individuals of the sample and add it to already processed data from the previous waves of the survey, as well as design and run estimations. I also created a database of all schools in Chile for implementation of the

longer school schedules policy in Chile. This project is in the paper “Effects of full-day schooling on mothers’ employment quality: Evidence from a school reform in Chile”

Research assistant in “Effects of longer school days in risky behaviors in adolescents in Chile” (Efecto de la extensión de la jornada escolar en comportamientos riesgosos de adolescentes en Chile), Mini Coes

I harmonized all available waves of the National Drug study In School Population (Encuesta Nacional de Drogas en la población escolar), this included creating a codebook document that included all variables every year as well as a harmonized codebook and database that included all waves. I also contributed to the design of estimations and ran them.

Master’s Thesis with the Project “Immigrants in the Chilean education system. Gender, language, territory and social exclusion representations” (Inmigrantes en el sistema educacional de Chile. Representaciones de género, lengua, territorialidad y exclusión social), Anillo de Ciencias Sociales SOC 1401, CONICYT, Chile

My complete thesis was related to this project. I worked the database, selected the methodology, processed the database and analyzed the estimation results. I worked with administrative data from the ministry of education and the SIMCE test, a standardized test in Chile with a parent questionnaire, to study how migrant and native parents choose a school in Chile. I used geospatial data of the county in which the schools were located as well as distance from one school to the other to have a complete analysis of the parent decision-making. After my thesis defense we made some modifications and published it as “Differences in School Choice between locals and immigrants: Chilean case” (Diferencias en la elección de establecimiento educacional para la población local e inmigrantes: Caso chileno.)

SEMINAR AND CONFERENCE PRESENTATIONS

Gender Gaps Conference, Group for Research in Applied Economics (GRAPE) - Presenter
 Mannheim, Bonn & Frankfurt workshop, 2024 - Presenter
 Mannheim & Frankfurt workshop, 2022 - Presenter
 SECHI Conference, online conference, 2021 – Presenter & discussion
 PEP Conference, Cape Town, South Africa, 2019 – discussion
 PEP Seminars, Quebec, Canada, 2019 – Presenter
 SECHI Conference, Valparaíso, Chile, 2018 – Poster
 SOCHER Conference, San Pedro de Atacama, Chile, 2018 - Presenter

SCHOLARSHIPS AND AWARDS

Best Graduate Student Paper, Gender Gaps Conference, Group for Research in Applied Economics (GRAPE), 2024
 DAAD research grant 2022-present
 Graduation with honors, Adolfo Ibañez University, 2016
 Santander Universities Scholarship, 2015
 Excellence Scholarship, Adolfo Ibañez University (top 10% of the class), 2013-2016

LANGUAGES AND PROGRAMMING LANGUAGES

Spanish (Native), German (Sprachdiplom C1), English (IELTS C2)
 Stata (Advanced), R (Beginner), Python (Beginner), Qgis and pygis (Competent)