

Giovanna Chaves

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Education

Barcelona School of Economics

Barcelona, Spain

MASTER DEGREE IN DATA SCIENCE

09/2022 - 07/2023

- Master Program in Data Science for Decision Making
- GPA: 9.33 / 10.0
- Advisor: Dr. Hannes Mueller
- Thesis: "Harnessing Big Data News Media for Conflict Prediction and Anticipatory Decision-Making" (July 2023)
- Degree awarded by Universitat Pompeu Fabra and Universitat Autònoma de Barcelona

Minerva University

San Francisco, United States

BACHELOR OF SCIENCE IN SOCIAL SCIENCES - ECONOMICS

08/2016 - 05/2020

- GPA: 3.89 / 4.0
- Advisor: Dr. Erkmén Giray Aslím
- Senior Thesis: "How TVET Can Foster Regional Development: An Impact Evaluation of Brazil's Pronatec Program" (March 2020)

Relevant Courses

Advanced Econometrics, Machine Learning and Causal Inference, Development Economics, Impact Evaluation, Network Theory and Algorithms, Spatial Data Analysis, Natural Language Processing, Intermediate Economic Theory, Behavioral Economics, Experimental Economics, Modern Economic Thought, Computational Bayesian Statistics, Single and Multivariable Calculus, Analytic Geometry

Publications

POLICY PAPERS

André Portela Souza, Lycia Lima, Camila Magalhães, Gabriel Marcondes, **Giovanna Chaves**, Juliana Camargo, Luciano Máximo. 2021. Social Protection Response to COVID-19 in Brazil. COVID-19 Policy Document Series, No. 27. UNDP.

Giovanna Chaves. 2021. Um olhar sobre evidências de programas de ensino técnico e educação profissional. Síntese de Evidências Clear, No. 8. FGV EESP Clear.

Giovanna Chaves. 2021. Programas de parentalidade na primeira infância com componentes remotos. Síntese de Evidências Clear, No. 9. FGV EESP Clear.

WORKS IN PROGRESS

Managers, Mobility Frictions and the Geographic Reach of Multi-Establishment Firms (with Juan Pablo Chauvin and Jasmina Chauvin)

Gender Differentials in Agglomerations (with Juan Pablo Chauvin)

Research Experience

Inter-American Development Bank - Research Department

Washington, D.C., United States

RESEARCH FELLOW FOR JUAN PABLO CHAUVIN

Aug. 2023 - Present

- Conduct advanced econometric and statistical analyses, primarily in Stata
- Manage extensive databases (RAIS, Brazil Census), emphasizing optimization and server-based processing
- Collaborate on data-intensive projects, refining code for efficiency and replicability
- Support management of diverse research papers, reports, and presentations

Fundação Getulio Vargas - FGV EESP Clear*São Paulo, Brazil***RESEARCH ASSISTANT FOR ANDRÉ PORTELA & LYCIA LIMA***Jun. 2020 - Jul. 2022*

- Conducted data pre-processing, analysis, and visualization using R to support experimental and observational studies
- Synthesized literature on social security, energy efficiency, technical education, and early childhood education
- Led data collection, questionnaire design, instrument evaluation and team supervision for a longitudinal RCT
- Designed and implemented quantitative evaluations for programs in energy efficiency and early childhood education

Duke University - Center for Advanced Hindsight*Durham, NC, United States***SUMMER RESEARCH INTERN***Jun. 2019 - Aug. 2019*

- Assisted the City of Durham in implementing an RCT to decrease single-occupancy vehicle use by college commuters
- Refined experimental design leveraging expertise in behavioral science and prepared impact evaluation plan
- Designed surveys in Qualtrics and conducted econometric analyses using R and STATA
- Recruited and managed user testing and focus groups with college students

City of Buenos Aires - Secretaría de Integración Social y Urbana (SISU)*Buenos Aires, Argentina***RESEARCH & POLICY INTERN - GENDER & JUSTICE***Feb. 2019 - May. 2019*

- Investigated the impact of programs across Latin America to financially empower low-income women
- Wrote 15-page report with the most effective components and recommendations to be implemented in Barrio Padre Mugica
- Built database of funding opportunities to support SISU programs

Fundação Getulio Vargas - FGV Energia*Rio de Janeiro, Brazil***SUMMER RESEARCH INTERN***Jun. 2018 - Aug. 2018*

- Contributed to papers on the impact of reduced royalties in Brazil and on the potential of unconventional resources
- Assisted with the monthly energy report analyzing current events and global trends in oil & gas
- Revised final versions of articles for publication

Languages & Skills

LANGUAGES

Portuguese (native), English (fluent), Spanish (intermediate)

HARD SKILLS

Stata, R, Python, SQL, Excel, Git, Unix, \LaTeX

Predictive & causal inference, text mining, spatial data analysis, deep learning, natural language processing

Service & Professional Development

2020 - 2022 explicaNEM, President*Brazil*

- Brazilian non-profit supporting 3,000+ low-income students prepare for college entrance exams during COVID-19
- Oversaw and mobilized a team of 400+ volunteers across 10 administrative and product areas

2020 - 2021 A Ponte, Analyst*Brazil*

- Female network of researchers supporting policymakers in Brazil
- Translated academic findings into actionable policies and provided technical assistance to elected leaders