

Elizabeth Jaramillo Rojas

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Education

Ph.D., Economics, Northwestern University (anticipated) 2026
Committee: Christopher Udry (Chair), Lori Beaman, Nancy Qian, Elisa Jacome
M.A., Economics, Northwestern University 2021
M.Sc., Econometrics and Mathematical Economics, Tilburg University 2017
M.A., Economics, Universidad de Los Andes 2016
B.Sc., Industrial Engineering, Universidad de Los Andes 2016
B.A., Economics, Universidad de Los Andes 2015

Work Experience

Global Poverty Research Lab, Northwestern University January 2023 - December 2023
Graduate Research Assistant, Professor Chris Udry

- Led the analysis of multi-arm RCTs evaluating the impact of offering rainfall index insurance to farmers in Ghana.
- Employed causal inference techniques, including instrumental variables, heterogeneous treatment effects, and resampling methods.

Kellogg School of Management, Northwestern University April 2022 - June 2023
Graduate Research Assistant, Professor Erika Deserranno

- Estimated the causal effect of minimum wage policies using a border discontinuity design.
- Applied causal inference methods to analyze US Quarterly Workforce Indicators (QWI) data.

Inter-American Development Bank, Research Department July 2017 - July 2019
Research Fellow

- Conducted research on labor market dynamics, gender economics, and wage inequality.
- Designed and estimated a structural model to uncover unobservable worker types with varying attachment to Brazil's formal and informal labor sectors.
- Processed and analyzed large-scale datasets covering the entire formal workforce in Brazil.
- Designed and implemented Randomized Controlled Trials and survey instruments.
- Delivered reports and presentations, translating complex causal inference analyses into actionable policy recommendations for stakeholders and policymakers.

Universidad de Los Andes, Center for Economic Development Studies Jan 2014 - July 2016
Research Assistant

- Evaluated the impact of a reform introducing entry exams for hiring public school teachers.
- Developed predictive models and conducted survival analysis to estimate student dropout probabilities.
- Employed causal inference and statistical methods, including regression analysis, difference-in-differences, and regression discontinuity design.

Programming

Stata, Python, SQL, QGIS, R

Fellowships & Awards

Distinguished Teaching Assistant Award, Northwestern University 2024
Graduate Research Grant, Global Poverty Research Lab (\$5,000) 2024
Graduate Research Grant, Northwestern University (\$3,000) 2023
Northwestern University Graduate Fellowship 2020-2021

Teaching Experience	Teaching Assistant, Northwestern University Labor Economics (Spring 2024, Fall 2022), Economics of Gender (Winter 2024, Fall 2024), Introduction to Microeconomics (Winter 2023, Spring 2022, Winter 2022, Fall 2021)	
	Teaching Assistant, Universidad de Los Andes Intermediate Econometrics	January 2014 - December 2014
Conferences	XIX Research Institute for Development, Growth and Economics (RIDGE) Forum Chile, 2024	
Professional Activities	CEGA Fellowship Program PhD Partner	January 2024 - June 2024
	Applied Microeconomics Seminar Organizer, Northwestern University	2022-2023
	Northwestern Graduate Mentorship Program Mentor	2022-2023
Languages	English (fluent), French (fluent), Spanish (native)	
Citizenship	Colombia, France	
Working Papers	"The Impact of Illegal Economies on Economic Growth"	
	"Family Dynamics and Educational Outcomes: the Impact of Financial Aid on Siblings" with Fabio Sánchez Torres and Juan Bedoya	
Work in Progress	"The Effect of Maternity Leave Policies on Local Labor Market Outcomes" with Karla Hernández	
	"Expanding College Access and the Opportunity Costs of Criminal Engagement" with Nathalie Basto and Erynn Norza	
	"Enhancing Teacher Effectiveness and Student Outcomes through Cognitive Behavioral Therapy: A Randomized Controlled Trial in Ghana's Public Schools" with Dean Karlan, Angela Ofori-Atta, Mansa Saxena, Alvis Tang, and Christopher Udry	
Other papers	"Dynamic Complementarities in the Production of Human Capital" Master's Thesis (Supervisor: Professor Fabio Sánchez Torres), 2017 <i>With Distinction</i>	
References	Professor Christopher Udry Department of Economics Northwestern University 2211 Campus Drive Evanston, IL 60208 847.491.8216 christopher.udry@northwestern.edu	Professor Lori Beaman Department of Economics Northwestern University 2211 Campus Drive Evanston, IL 60208 847.491.5394 l-beaman@northwestern.edu
	Professor Nancy Qian Kellogg School of Management Northwestern University 2211 Campus Drive Evanston, IL 60208 847.491.2531 nancy.qian@kellogg.northwestern.edu	Professor Elisa Jacome Department of Economics Northwestern University 2211 Campus Drive Evanston, IL 60208 847.491.4757 ejacome@northwestern.edu