

Education

Ph.D. in Economics University of Illinois at Urbana-Champaign	Aug. 2017 – Ongoing
M.Sc. Economics (First in Class) Universidad del Rosario, Bogota, Colombia	Oct. 2013
B.Sc. Economics Universidad del Rosario, Bogota, Colombia	Oct. 2012
B.A. Finance and International Trade Universidad del Rosario, Bogota, Colombia	June 2012

Courses

Universidad del Rosario , Bogota, Colombia Advanced Program Evaluation: Endogeneity and Self-selection in Complex Economics Models	July 2016
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Work Experience

University of Illinois at Urbana-Champaign

Research Assistant

Supervisor: Andrew Garin (Ph.D in Economics, Harvard University) Aug. 2019 – Ongoing

- Currently assisting three projects: *Was the Arsenal of Democracy an Engine of Mobility? Public Investment and the Roots of Mid-century Manufacturing Opportunity*; *How Responsive are Wages to Demand within the Firm? Evidence from Idiosyncratic Export Demand Shock*; *Fissuring or Productivity Divergence? An Organizational Conception of Outsourcing and its Impacts*. Duties have included, among others, (i) to clean and construct datasets reading in information from several different data sources; (ii) conduct event studies and difference-in differences estimations; (iii) produce publication-ready figures and tables; and (iv) literature reviews.

Supervisor: Claudia Macaluso (Ph.D. in Economics, University of Chicago) Aug. 2018 – July 2019

- Assisted four projects: *Labor Market Frictions in Developing Economies: Evidence from Peruvian Firms*; *Skill remoteness and post-layoff labor market outcomes*; *Concentration in U.S. local labor markets: evidence from vacancy and employment data*; *Early-career occupational choices of low-skill workers: a historical perspective*. Duties included, among others, (i) working with the NLSY79, NLSY97, and CPS datasets to construct an occupation crosswalk; (ii) the construction of tables and maps to visualize data; (iii) literature reviews; and (iv) performing econometric analyses and their visualization.

World Bank Group

Washington, DC, USA

Consultant

Supervisors: Josefina Posadas (Ph.D. in Economics, Boston University) Jan. 2020 – May 2020

Kathleen Beegle (Ph.D. in Economics, Michigan State University) July 2019 – Aug. 2019

Gaurav Nayyar (Ph.D. in Economics, University of Oxford) May 2018 – Aug. 2018

- Assisted two projects: *Global Gender Wage Gaps along the Wage Distribution and the Legal and Social Environment*; *Services-Led Development: Myth or Reality?* Duties included (i) to clean and construct a global dataset using the World Bank I2D2 (compendium of more than 100 harmonized household surveys from the six regions of the world); (ii) construct a dataset of social indicators using World Value Surveys, Barometers; (iii) perform the econometric analysis to produce gender wage gap decompositions; and (iv) produce cross-country and over time analysis of estimates.

Consultant

Feb. 2017 – May 2017

Supervisor: Lourdes Rodriguez-Chamussy (Ph.D. in Agricultural and Resource Economics, University of California, Berkeley)

- Assisted the research project *The Economics of the Gender Wage Gap in Armenia*. Duties included (i) to clean and construct datasets using the Integrated Survey of Living Standards covering the period 2004 to 2015, and the Labor Force Survey when available; and (ii) produce estimates using the Recentered Influence Function (RIF) decomposition approach to analyze the gender wage gap and its evolution in the context of changes along the wage distribution.

National Planning Department – Vice Presidency for Sectors

Bogota, Colombia
Oct. 2014 – July 2016

Consultant

- Advised the National Council for Economic and Social Policy (known in Spanish as CONPES)¹ in the design and formulation of public policies. Supervisor: Mónica Parra (Ph.D. in Economics, Boston University).
- Designed and implemented a tool for monitoring public policies. Supervisor: Mónica Parra (Ph.D. in Economics, Boston University).
- Assisted the formulation and construction of the National Development Plan 2014-2018². Supervisor: Carlos Sepulveda (Ph.D. in Economics, Boston University).

Inter-American Development Bank – Vice Presidency for Sectors and Knowledge

Washington, DC, USA
June 2014 – Nov. 2014

Research Assistant

Supervisor: Mercedes Mateo (Ph.D. in Political Science and International Relations, University of Louvain)

- Assisted the research project *Who Cares about Childcare? Estimations of childcare use in Latin America and the Caribbean*. Duties included (i) to clean 15 household survey datasets; (ii) prepare drafts and the visualization of data for the technical note; and (iii) perform the econometric analysis to evaluate the determinants of childcare use in Latin America and the Caribbean.

World Bank Group

Washington, DC, USA
Mar. 2013 – May 2014

Consultant

Poverty Reduction and Equity department (PRMPR)

Supervisor: Nobuo Yoshida (Ph.D. in Economics, Boston University).

- Provided research assistance in modeling the weighting factors of a Multidimensional Poverty Index based on subjective wellbeing analysis.

Gender and Development Division (PRMGE)

Supervisor: Josefina Posadas (Ph.D. in Economics, Boston University).

- Provided research assistance in (i) the economic analysis of the gender wage gap in Russia along the wage distribution using Recentered Influence Function (RIF) decompositions and a life-cycle approach; and (ii) in the design and programming of the outputs for ADePT2 Gender³.

Universidad del Rosario – Department of Economics

Bogota, Colombia
Sep. 2011 – Feb. 2013

Junior Researcher

Supervisors: Juan Miguel Gallego (Ph.D. in Economics, Toulouse School of Economics)
Darwin Cortes (Ph.D. in Economics, Toulouse School of Economics)

- Provided research assistance in the economic analysis of the effect of education conditional cash transfer programs on non-education outcomes.
- Provided research assistance in the economic analysis of school management on education and non-education outcomes.

Teaching Experience

University of Illinois at Urbana-Champaign

Aug. 2019 – Dec. 2019

Teaching Assistant

- Undergraduate school: ECON 302 - Intermediate Microeconomics.

Universidad del Rosario – Department of Economics

Bogota, Colombia
July 2016 – July 2017

Adjunct Professor

- Instructor for undergraduate courses: Mathematical Economics (2017-I), Microeconomics I (2016-II, 2017-I)

Lecturer

Jun. 2014 – Jun. 2016

- Undergraduate courses: Microeconomics I (2014-II, 2015-II), Microeconomics III (2016-I)

Teaching Assistant

Aug. 2009 – Dec. 2012

- Undergraduate school: Microeconomics I, Microeconomics II, Macroeconomics I
- Graduate school: Game Theory and Asymmetric Information

¹ The highest national planning authority on all matters related to economic and social development of the country. The council consists of the president and his ministers (DNP, 2015).

² Formal and legal instrument that establishes the objectives and goals of the government allowing the subsequent evaluation of their management. This document also provides the strategic guidelines for the public policies that will be implemented during the term of the government (DNP, 2015).

³ ADePT Gender is a tool developed to automate and standardize the production of analytical reports. It uses micro-level data from various types of surveys, such as Household Budget Surveys, Demographic and Health Surveys and Labor Force surveys to produce tables and graphs for economic research.

Working Papers and Work in Progress

Contracting out Labor Fluidity. Presented at Midwest Economics Association 2021.

Labor Market Frictions in Developing Economies: Evidence from Peruvian Firms. Coauthored with Claudia Macaluso and Munseob Lee.

Global Gender Wage Gaps along the Wage Distribution and the Legal and Social Environment. Coauthored with Kathleen Beegle and Josefina Posadas.

The Economics of the Gender Wage Gap in Armenia. World Bank WPS 8409. Coauthored with Lourdes Rodriguez Chamussy and Nistha Sinha.

Gender Gap in Pay in the Russian Federation: Twenty years later still a concern. World Bank WPS 7407. Coauthored with Josefina Posadas.

School Management and Sexual Behavior of Teenagers. Universidad del Rosario working paper 174. Coauthored with Darwin Cortés, Juan Miguel Gallego and Dario Maldonado. Presented at LACEA 2016.

Selected Awards, Grants and Fellowships

Robert Willis Harbeson Memorial Dissertation Fellowship	University of Illinois	Summer 2021
Morris and Sally Kleiner Labor Economics Prize	University of Illinois	Summer 2019
Graduate Student Research Fellowship	University of Illinois	2017-2018
M.Sc. Excellence award (first in class)	Universidad del Rosario	2013
Best Finance Undergraduate	Colombian Ministry of Education	2012
Full-tuition Grant for Undergraduate Studies	Universidad del Rosario	2007-2012

Service

Referee for *Oxford Economic Papers*

Coordinator, Research Group in Economics for Undergraduates, Universidad del Rosario, 2012-2013

Skills

Language skills: Spanish (native), English (TOEFL iBT: 105), French (DELFB2: 65)

IT skills: highly proficient in Stata, Latex and MS Office.

Extensive experience on working with large datasets.