

Economist,  
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JAIME MONTANA

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June 15, 2023



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## Professional Position

**Post-doctoral researcher**, PROSPER at Católica Lisbon School of Business & Economics, Lisbon, 2021 - *ongoing*.

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## Research Fields

Labor Economics, Development Economics, Search and matching, Applied Econometrics.

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## Education

- **Ph.D (Economics)**, Paris School of Economics and Turin University (cotutelle), Paris, France, 2015-2018 and 2019-2021. Advisors: David Margolis (*Main*) and Francesco Devicienti.
- **Master 2 - Research (Empirical and theoretical Economics)**, Paris School of Economics, Paris, France. 2014-2015. Advisor: David Margolis.
- **Master (Erasmus Mundus Master in Quantitative Economics)**, University of Venice Ca'Foscari and Paris I - Pantheon Sorbonne. Venice and Paris 2013 -2015.
- **Postgraduate Diploma (Applied Mathematics)**, Universidad Sergio Arboleda, Bogotá, Colombia, 2013-2014
- **Bachelor (Economics)**, Univerisdad del Rosario, Bogotá, Colombia, 2006-2011

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## Academic Experience

- **Ph.D. Researcher**, Paris School of Economics and Turin University (cotutelle), Paris, 2015 - 2021. Skills mismatch in labor market.
- **Doctoral Researcher**, CNRS, Paris, Sept. 2019 - Sept 2020. The meanings of downsizing ([link](#)).
- **Researcher**, Colombian Atlas of economic complexity - CID Harvard, January 2015 - December 2015. ([Project description](#)).

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## Teaching Experience

- **Lecturer**, CLSB - Economics of Business and Markets. Master level course. Spring 2022. Fall 2022. Spring 2023.
- **Lecturer**, CLSB - Data Analytics for Economics. Master level course. Fall 2022.
- **Lecturer**, CLSB - Lab Sessions in R (BRM). Master level course. Fall 2021.
- **External advisor**, Master thesis in Economics for Jonathan Sarango. Master in Economics - Universidad del Rosario (Colombia).
- **Assistant lecturer**, Université Paris 1 Panthéon-Sorbonne - Statistics L1, Microeconomics L2, Econometrics M1. Fall 2020. Econometrics L3 Spring 2021.
- **Assistant lecturer**, Paris School of Economics - Advanced Microeconometrics - 2<sup>nd</sup> year Master. Fall 2019. [Dedicated Website](#). With professor David Margolis.
- **Lecturer**, Science Po - Statistics - undergraduate (2 groups). Spring 2018.
- **Lecturer**, Science Po - Mathematics for Social Science - undergraduate (2 groups). Fall 2017.
- **Assistant lecturer**, Universidad del Rosario (Colombia). Microeconomics (undergraduate) and Calculus I (undergraduate) 2008-2010.

## Technical Skills

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- **Programming skills**

Data analysis: R, Julia, Python, STATA/MATA

Database management: SQL, Hadoop

Document preparation: Markdown, Jupyter, L<sup>A</sup>T<sub>E</sub>X

Miscellaneous: Git/GitHub, Web Scraping, text Mining, reporting with Shiny, REST API.

## Work in progress

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- The The Great Equalizer: How Firms Reduce Wage Inequality. (with J. Silva & M. Leitaó)
- Wage posting and multidimensional skills mismatch.
- Selective displacement and workforce restructuring during a mass layoff. (with D. Margolis),
- Matching heterogeneous skills demand and supply under limited rationality (with D. Margolis).

## Other

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- Short term effects of COVID-19 in labor income inequality. The case of Colombia. (joint with J. Cardenas). *Covid-19: consecuencias y desafíos en la economía colombiana. Una mirada desde las universidades. Central Bank of Colombia.*
- Which Workers are Most Exposed to Covid -19 and Social Distancing Effects in a Dual Labour Market? (joint with Bosworth and Cardenas). *Revista de Economía del Rosario Vol 24. No. 2.*
- La problemática del análisis laboral de demanda en Colombia. (Joint with Cardenas and Guataqui) *Perfil de Coyuntura Económica, (24), pp 71-107.*
- Metodología para el análisis de demanda laboral utilizando datos de internet: El caso Colombiano. (Joint with Cardenas and Guataqui) *Revista de Economía del Rosario Vol 18. No. 1.*

## Professional Experience

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- **Advisor**, Ministry of Labor, Colombia. March 2012 - December 2014.
- **Operations manager LATAM**, InUnison (formerly PureSCM). 2010 -2012.
- **Consultant**
  - Ingenia and Inter-American Development Bank. March 2019- December 2019.
  - Bancoldex. September 2017 – August 2018. Colombia.
  - CEQ Institute. February 2018 - August 2018.
  - LACEA and Inter-American Development Bank. March 2017 – December 2017.
  - Colombian Ministry of Labor, October 2016 – December 2016
  - International Organization for Migrations. September 2015 – February 2016
  - International Organization for Migrations. August 2012 – March 2013

## Languages

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**Spanish** (Mother-tongue), **English** (Fluent written and spoken), **Italian** (Fluent written and spoken), **French** (Intermediate), **Portuguese** (Basic)