Jaime MONTANA

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Research Fields

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

Education

• **Ph.D** (**Economics**), Paris School of Economics and Turin University (cotutelle), Paris, France, 2015-2018 and 2019-2021^e. 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**), Univerisdad Sergio Arboleda, Bogotá, Colombia, 2013-2014

• **Bachelor** (**Economics**), Univerisdad del Rosario, Bogotá, Colombia, 2006-2011

Academic Experience

• **Ph.D. Researcher**, Paris School of Economics and Turin University (cotutelle), Paris, 2015 - ongoing. Skills mismatch in labor market.

• **Doctoral Researcher**, CNRS, Paris, Sept. 2019 - Sept 2020. The meanings of downsizing (link).

• **Research Assistant**, Colombian Atlas of economic complexity - CID Harvard, January 2015 - December 2015. (Project description).

Professional Experience

• **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

Teaching Experience

• **Tutorial**, Paris School of Economics - Microeconometrics - 2nd year Master. Fall 2019. Dedicated Website. With professor David Margolis.

• **Lecturer (professeur vacataire)** , Science Po (Le Havre) - Statistics 2nd year undergraduate (2 groups - sole responsibility). Spring 2018.

• **Lecturer (professeur vacataire)** , Science Po (Le Havre) - Mathematics for Social Science 1nd year undergraduate (2 groups - sole responsibility). Fall 2017.

• **Teacher Assistant**, Universidad del Rosario (Colombia). Microeconomics (undergraduate) and Calculus I (undergraduate) 2008-2010.

Technical Skills

- **Programming skills**
  Data analysis: R (advanced), Julia (intermediate), Python (intermediate), STATA/MATA (intermediate)
  Database management: postgreSQL (intermediate)
  Document preparation: Markdown (advanced), Jupyter (intermediate), LaTeX (advanced)
  Miscellaneous: Git/GitHub, Web Scrapping, text Mining,reporting with Shiny.

Work in progress

- **Margolis D., Montana, J.**, Matching heterogeneous skills demand and supply under limited rationality.
- **Montana, J.**, Wage posting and mismatch.
- **Montana, J.**, Firm downsizing and skills.
- **Cardenas, J., Montana, J.**, Effect of COVID-19 in an informal economy.
- **Bertheau, A., Montana, J.**, The Recruitment Process.

Publications

- **In spanish:**

  - **Cardenas, J., Montaña, J.**(2020) Efecto del COVID-19 sobre las ocupaciones de trabajadores en Colombia. Link.
  - **Cardenas, J., Guataqui, J.C., Montaña, J.** (Dec. 2014). La problemática del análisis laboral de demanda en Colombia. *Perfil de Coyuntura Económica, (24), pp 71-107.*.
  - **Cardenas, J., Guataqui, J.C., Montaña, J.** (2015). Metodología para el análisis de demanda laboral utilizando datos de internet: El caso Colombiano. *Revista de Economía del Rosario Vol 18. No. 1*.

- **Web:**

  - **Cardenas, J., Lora, E., Montana, J.** (2015). The worrisome deficit of technicians and technologists in Colombia. Web post

Languages

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