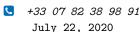
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Research Fields

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), Universidad Sergio Arboleda, Bogotá, Colombia,
- 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)