

# Santiago Matallana

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## PROFILE: Economics | Public Policy | Econometrics | Development | Productivity | Antitrust | Innovation

Economist focused on microeconomics and data analysis, and public policy practitioner with experience in competition policy, economic development, competitiveness, and productivity. Has served as Deputy Vice Minister of Business Development of Colombia. Currently graduate student and Teaching Assistant at The University of Chicago, and Research Analyst at Mission Measurement.

## EDUCATION: Master of Public Policy | M.S. in Economics | B.S. in Economics

### The University of Chicago | Chicago, IL

#### *Master of Public Policy*

Expected June 2016

- Awarded the Joint Japan/World Bank Graduate Scholarship Program, the Harris School of Public Policy Dean's Scholarship, and Colfuturo's Scholarship-Loan.
- Co-founded and elected President of GROWTH, a funded Harris Student Organization on competitiveness and productive development.
- Coursework: Statistics, Econometrics, Applied Econometrics (PhD), Program Evaluation, Microeconomics, Cost-Benefit Analysis, City Lab, Computer Science with Applications, Computation for P.P., Machine Learning for P.P., Text Mining, GIS, Game Theory (PhD), Advanced Industrial Org. (PhD), Analytical Politics, and Negotiations.

### Universidad Nacional de Colombia | Bogotá, Colombia

#### *M.S. in Economics (Focus: Economic Theory and Policy)*

July 2008

- Received Honorable Mention for Master's Thesis, "Construction of a Demand Function from a Fuzzy Utility Function" (application of fuzzy logic to a classic microeconomics problem on individual rational choice).
- Coursework: Advanced Econometrics, Advanced Microeconomics, Advanced Macroeconomics, Advanced Mathematical Economics, Advanced Economic Theory, Advanced Political Economy, and Growth Economics.
- Successfully completed the program while maintaining full-time employment.

#### *B.S. in Economics*

October 2004

- Best public university in Colombia (second overall).
- Successfully completed the program while maintaining full-time employment.

## EXPERIENCE: Government | Management | Data Analysis | Research | Budget | Planning | Strategy | Writing

### Mission Measurement (Impact Genome Project®) | Chicago, IL

#### *Research Analyst*

January 2016 – Present

- Reviews, analyzes, and extracts quantitative and qualitative insight of social science literature (e.g. program evaluations, academic studies, meta-analyses) that study the impact of social policies.

### Ministry of Trade, Industry, and Tourism | Bogotá, Colombia

#### *Senior Advisor to the Vice Minister of Business Development*

June 2012 – August 2014

- Supported the design, implementation and monitoring of Colombia's Modern Industrial Policy. Coordinated strategic planning and budget monitoring for the Vice Ministry.
- Designated as Colombia's Deputy Vice Minister of Business Development for more than two months total during 2013 and 2014. (First Advisor designated as temporary Vice Minister of Business Development.)
- Developed, by designation of the Minister, a presentation given to the President of Colombia.
- Edited, by designation of the Minister, a book on Colombia's Industrial Policy. Wrote the prologue of the book, signed by the Minister, and contributed in several chapters.
- Participated actively and supported decisions on tariffs and customs measures, and on dumping cases, in the Committees of Customs and Tariffs, and Trade Practices, respectively.
- Designated by the Vice Minister and the Minister as representative of the Ministry on several other committees and boards (*iNNpalsa Colombia*, *Banca de las Oportunidades*, *Artesanías de Colombia*, *Programa de Transformación Productiva*, and *Propaís*, among others).
- Invited as speaker on Competition Advocacy in Colombia's 2013 Antitrust Congress (Medellín, Colombia).

- Supported the design, implementation and monitoring of Colombia's Business Formalization Strategy. Coordinated strategic planning and budget monitoring for the Director.
- Designed a proxy indicator to monitor the impact of the National Formalization Strategy, due to a lack of official, reliable data on business formality. The indicator was adopted as official measure for that program.
- Designated by the Director to coordinate and lead committees with public and private institutions.
- Promoted to Advisor to the Vice Minister based on achievements.

**Superintendency of Industry and Commerce – Antitrust Division | Bogotá, Colombia***Head of the Inter-Institutional Agricultural Markets Task Force*

August 2009 – January 2011

- Coordinated a group of 11 economists and lawyers to provide analysis of agricultural markets and investigate compliance with competition laws and regimes of regulated prices.
- Led two of the most complex and important price fixing cases at the time in Colombia, which concluded with the maximum fine for ten sugar mills and the two largest producers of confectioneries in the country.
- Created a body of evidence that led to a recent decision (December 2015) imposing the largest antitrust fine in the history of Colombia, against the same sugar mills for fixing prices of sugar (final product market).

*Economic Advisor in the Inter-Institutional Agricultural Markets Taskforce*

August 2008 – August 2009

- Provided economic analysis of agricultural markets in investigations of compliance with competition laws and regimes of regulated prices.
- Provided data analysis that lead to the sanction of twelve processed milk producers, by proving the existence of unfair prices (as defined by the regulation in force) of raw milk all over the country.
- Promoted to Head of the Task Force based on achievements.

**ACADEMIC EXPERIENCE: Microeconomics | Game Theory | Industrial Organization | Antitrust | Mathematics**

- *Teaching Assistant*, Principles of Microeconomics and Public Policy II (Graduate level), The University of Chicago, Chicago, United States, 2016.
- *Teaching Assistant*, Principles of Microeconomics and Public Policy I (Graduate level), The University of Chicago, Chicago, IL, 2015.
- *Lecturer*, Advanced Microeconomics II, Pontificia Universidad Javeriana, Bogotá, Colombia, 2009 – 2013.
- *Lecturer*, Anticompetitive Agreements Workshop (Graduate level), Pontificia Universidad Javeriana, Bogotá, Colombia, 2010 – 2011.
- *Lecturer*, Introduction to Game Theory, Universidad Central, Bogotá, Colombia, 2009 – 2010.
- *Lecturer*, Financial Microeconomics II (Graduate level), Universidad Externado de Colombia, Bogotá, Colombia, 2009.
- *Lecturer*, Microeconomics III, Universidad Nacional de Colombia, Bogotá, Colombia, 2009.
- *High school teacher*, Algebra and Economics, Colegio San Carlos, Bogotá, Colombia, 2003 – 2008.

**SELECTED RESEARCH AND PUBLICATIONS**

- (2014). [La Política Industrial durante el Gobierno del Presidente Juan Manuel Santos](#) [Industrial Policy during the Government of President Juan Manuel Santos] (E-book), Ministerio de Comercio, Industria y Turismo de Colombia [Ministry of Trade, Industry, and Tourism of Colombia]. (Edited.)
- (2010). [Decisions No. 6839 and 42411](#) of Colombia's Antitrust Authority, imposing sanctions for anticompetitive practices in the sugar cane market. (Substantiated and edited.)
- (2009). [Decisions No. 4946 and 52202](#) of Colombia's Antitrust Authority, imposing sanctions for anticompetitive practices in the cocoa market. (Substantiated and edited.)
- (2008). [Construcción de una función de demanda a partir de una función de utilidad difusa](#) [Construction of a Demand Function from a Fuzzy Utility Function] (Unpublished master's thesis), Universidad Nacional de Colombia. (Awarded Honorable Mention.)

**Languages**

Spanish: native.  
English: full professional proficiency.

**Technical Skills**

Stata | R | Python | Tableau | Excel | ArcGIS | QGIS  
Lyx | Microsoft Office | SQL (beginner)