

JUAN CAMILO CHAPARRO CARDONA

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1. EDUCATION

Ph.D. in Applied Economics

Field examinations:

- *Labor Economics*
- *Development Economics*

University of Minnesota

Minneapolis, MN, USA

August 2010 – August 2016

Dissertation Committee: Joseph Ritter (Advisor), Aaron Sojourner, Paul Glewwe and Marc Bellemare

M.Sc. in Economics

Pontificia Universidad Javeriana

Bogotá, Colombia

January 2004 – November 2005

B.Sc. in Economics

Pontificia Universidad Javeriana

Bogotá, Colombia

January 1998 – November 2004

B.Sc. in Computer Science

Universidad Antonio Nariño

Bogotá, Colombia

August 1993 – April 1999

2. PROFESSIONAL EXPERIENCE

Director of Graduate Studies

M.Sc. in Economics // M.Sc. in Applied Economics

January 2018 – September 2020

Universidad EAFIT

School of Economics and Finance

Department of Economics

Medellín, Colombia

Supervisors: César Tamayo, Juan Felipe Mejía, Mery Tamayo, Santiago Tobón, Alejandro Torres

Assistant Professor

Since August 2016

Graduate Research Assistant

Main research topics:

- *Early childhood interventions in the U.S.*
- *Human capital accumulation before age 3*

Center for Human Resources & Labor Studies

Carlson School of Management

University of Minnesota

Minneapolis, MN, USA

August 2012 – May 2016

Supervisor: Aaron Sojourner

Research Assistant

Main research topics:

- *Indigenous customary law and political economy in Mexico*

Department of Economics

University of Toronto

Toronto, ON, Canada

June 2009 – June 2010

Supervisor: Gustavo Bobonis

Research Fellow

Main research topics:

- *Subjective Well-Being in Latin America*
- *Public finance and political economy in Latin America*

Research Department (RES)

Inter-American Development Bank

Washington D.C., USA

June 2006 – May 2008

Supervisor: Eduardo Lora

Research Assistant and Junior Researcher

Main research topics:

- *Macroeconomic analysis and forecasting*
- *Computable general equilibrium models*
- *Fiscal federalism and fiscal policy in Colombia*

Fedesarrollo

Bogotá, Colombia

November 2001 – May 2006

Supervisors: Mauricio Cárdenas, Ximena Cadena,

María Angélica Arbeláez, Ramiro Guerrero,

Felipe Barrera, Juan Gonzalo Zapata

3. WORK IN PROGRESS

3.A. LABOR MARKETS IN DEVELOPING COUNTRIES

- (a) Measurement and analysis of skills in the Colombian labor market. Research assistants: Andrea Franco, Leonardo Rodríguez and Marlen Cardona.
- (b) Gender Differences in Occupational Aspirations, Occupational Choices and Returns to Skills: Evidence from the Philippines (Ph.D dissertation, second chapter).
- (c) Skill diversity and the evolution of formal employment in cities. Project with Eduardo Lora, Andrés Gómez-Liévano (CID Harvard) and Neave O'Clery (University College London).
- (d) Labor transitions of low-wage workers in Colombia. Project with Eduardo Lora. Research assistant: Nicolás Mancera.
- (e) Labor market policies and vocational education in Colombia. Project with Darío Maldonado (Universidad de los Andes), Carolina González-Velosa (IADB) and Marlen Cardona. *Misión de Empleo* (Ministry of Labor and National Planning Department).

3.B. OCCUPATIONAL CHOICE AND SKILL DEVELOPMENT

- (f) Occupational Choice and Returns to Skills: Evidence from the NLSY79 and O*Net (Ph.D dissertation, first chapter).
- (g) Early Childhood Care and Cognitive Development. Project with Aaron Sojourner (University of Minnesota) and Matt Wiswall (University of Wisconsin, Madison).

3.C. OTHER TOPICS

- (h) Appropriate Institutions? Traditional Governance and Public Goods Provision in Oaxaca, Mexico. Project with Gustavo Bobonis (U. of Toronto), Marco Gonzalez-Navarro (UC Berkeley), and Marta Rubio-Codina (IADB).

4. PUBLICATIONS

4.A. BOOK CHAPTERS

- i. Chaparro J., Smart M., Zapata J. (2005). Intergovernmental Transfers and Municipal Finance in Colombia, in Bird R., Poterba J. and Slemrod J. Editors. "Fiscal Reform in Colombia: Problems and Prospects". MIT Press. (<https://mitpress.mit.edu/books/fiscal-reform-colombia>).
- ii. Lora E. and Chaparro J. (2007). State Reform and Inclusion: changing channels and new actors, in Márquez et. al. Editors. "Outsiders? The changing patterns of exclusion in Latin American and the Caribbean". 2008 Economic and Social Progress Report (IPES). IADB. David Rockefeller Center for Latin American Studies - Harvard University. (<https://publications.iadb.org/en/publication/16278/outside-chang-q-patterns-exclusion-latin-america-and-caribbean>).
- iii. Lora E., Chaparro J. and Rodríguez M. (2009). Satisfaction beyond Income. Chapter 4 in "Paradox and Perception: Measuring Quality of Life in Latin America". Graham and Lora, editors. Brookings Institution Press. (<https://www.jstor.org/stable/10.7864/j.ctt12805r>).
- iv. Lora E. and Chaparro J. (2009). The Conflictive Relationship between Satisfaction and Income. Chapter 3 in "Paradox and Perception: Measuring Quality of Life in Latin America". Graham and Lora, editors. Brookings Press. (<https://www.jstor.org/stable/10.7864/j.ctt12805r>).
- v. Graham, C. and Chaparro J. (2012). The Linkages between Insecurity, Health, and Well-Being in Latin America: An Initial Exploration Based on Happiness Surveys. Chapter 9 in "Subjective Well-Being and Security". Webb and Wills-Herrera, editors. Social Indicators Research Series 46. Springer. (<https://www.springer.com/gp/book/9789400722774>).

- vi. Chaparro, J., Sojourner, A. and Huey, N. (2019). Differential Effects of High-Quality Early Care: Lessons from the Infant Health and Development Program. Chapter 13 in “Sustaining Early Childhood Learning Gains: Program, School and Family Influences”. Reynolds A. and Temple J., editors. Cambridge University Press. (<https://www.cambridge.org/core/books/sustaining-early-childhood-learning-gains/84C5379964EAE1CCA9D91721F331F0>).

4.B. ARTICLES IN PEER-REVIEWED JOURNALS

- vii. Chaparro, J. and Lora, E. (2017). Do Good Job Conditions Matter for Wages and Productivity? Theory and Evidence from Latin America. *Applied Research in Quality of Life* 12(1): 153 – 172. (<https://link.springer.com/article/10.1007/s11482-016-9489-0>).

4.C. WORKING PAPERS AND CONFERENCE PROCEEDINGS

- viii. Chaparro, J., Sojourner, A. and Wiswall, M. (2020). Early Childhood Care and Cognitive Development. NBER Working Paper No. 26813. February. (<https://www.nber.org/papers/w26813>).
- ix. Chaparro, J., García, G., and Cardona, M. (2020). Evaluación de Impacto de “Empleando Futuro”, Primer Bono de Impacto Social en América Latina. December. (<http://www.sibs.co/wp-content/uploads/2020/12/Evaluaci%C3%B3n-de-Impacto-Empleando-Futuro-2020.pdf>).
- x. Bobonis, G. Chaparro, J., González-Navarro, M. and Rubio-Codina, M. (2021, forthcoming). Appropriate Institutions? Traditional Governance and Public Goods Provision in Oaxaca, Mexico. *American Economic Association Papers & Proceedings*. May. (https://www.aeaweb.org/conference/2021/preliminary/2370?q=eNqrVipOLS7OzM8LqSxIVbKqhnGVrJQMIWp1IBKLi_OTqRwIHaWS1KJcXAqrJbESJK9rAhLNzE2FIJZlppaDTCqgKFvwCpqaKNXWAlwvfmMb6g).

5. PRESENTATIONS IN CONFERENCES, POSTERS AND ACADEMIC SEMINARS

Lower-case letters in parenthesis correspond to work in progress (see section 3).

Roman numerals in parenthesis correspond to publications (see section 4).

2020:

- Academic webinar at Universidad Nacional de Colombia, Bogotá, Colombia (September). Paper presented: (a). (<https://www.youtube.com/watch?v=PMhtb0MDqP4>).

2018:

- Academic seminar at Pontificia Universidad Católica del Ecuador, Quito, Ecuador (November). Paper presented: (a).
- Academic seminar at Universidad del Rosario, Bogotá, Colombia (October). Paper presented: (a).
- Academic seminar at University of Goettingen, Goettingen, Germany (October). Paper presented: (a).
- Academic seminar at Banco de la República, Bucaramanga, Colombia (October). Paper presented: (a).
- The Economics of Informality Conference. Universidad del Rosario. Bogotá, Colombia (May). Paper presented: (c).
- Academic seminar at Fedesarrollo. Bogotá, Colombia (May). Paper presented: (a).
- Academic seminar at Pontificia Universidad Javeriana. Bogotá, Colombia (May). Paper presented: (a).
- Academic seminar at Departamento Nacional de Planeación. Bogotá, Colombia (February). Paper presented: (a).
- Academic seminar at Inter-American Development Bank. Washington D.C., United States (January). Paper: (a).

2017:

- 22th Annual Meeting of the Latin American Economic Association (LACEA). BA, Argentina (November). Paper: (b).
- Academic seminar at Universidad de Antioquia. Medellín, Colombia (August). Paper presented: (a).
- 26th Annual Conference International Association for Feminist Economics (IAFFE). Seoul, S. Korea (June). Paper: (b).
- Academic seminar at Banco de la República. Medellín, Colombia (May). Paper presented: (a).

2016:

- 21st Annual Meeting of the Society of Labor Economist (SOLE). Seattle, WA (Poster). Paper presented: (f).
- Population Association of America Annual Meeting (PAA). Washington, D.C. Paper presented: (g).
- 4th Annual Meeting Lacea Labor Network (LACEA / LABOR). Cartagena, Colombia. Paper presented: (f).

2015:

- 20th Annual Meeting of the Latin American Economic Association (LACEA). Santa Cruz, Bolivia. Paper presented: (f).
- 4th World Meeting of the Society of Labor Econ. / European Association of Labour Econ. (SOLE / EALE). Montreal, Canada. Paper presented: (g).
- Population Association of America Annual Meeting (PAA). San Diego, CA (Poster). Paper presented: (g).
- Society of Labor Economist at the Midwest Econ. Association (SOLE / MEA). Minneapolis, MN. Paper presented: (c).

2014:

- 84th Annual Meeting of the Southern Economic Association (SEA). Atlanta, GA. Paper presented: (g).
- 19th Latin American Meeting of the Econometric Society (LAMES). Sao Paulo, Brazil. Paper presented: (g).
- Fall Conference of the Association for Public Policy Analysis & Man. (APPAM). Albuquerque, NM (Poster). Paper: (f).
- Annual Meeting of the Agricultural & Applied Economics Association (AAEA). Minneapolis, MN (Poster). Paper: (vii).
- 11th Midwest International Economic Development Conference (MWIEDC). Minneapolis, MN. Paper presented: (vii).

2013:

- 18th Annual Meeting of the Latin American and Caribbean Economic Association (LACEA). Mexico City, Mexico. Paper presented: (vii).

6. CONSULTING EXPERIENCE AND PREVIOUS RESEARCH PROJECTS

6.A. Universidad EAFIT (Since 2016)

6.A.1) Labor Economics

- **Labor market policies and vocational education in Colombia.** *Misión de Empleo*. Project for the National Planning Department (DNP) and the Colombian Ministry of Labor, with Darío Maldonado (Universidad de los Andes), Carolina González-Velosa (IADB) and Marlen Cardona. Since September 2020.
(<https://www.misionempleo.gov.co/>).
- **Technical support and academic advice to the unification process of the Colombian occupational classification system (CUOC).** Project for the Inter-American Development Bank (Contract CO-T1445-P002) and the Colombian Ministry of Labor. January 2019 – August 2020.
(<https://www.mintrabajo.gov.co/prensa/comunicados/2019/diciembre/mintrabajo-socializa-avances-en-la-construccion-de-la-clasificacion-unica-de-ocupaciones-para-colombia> // <https://www.mintrabajo.gov.co/web/quest/normatividad/participe-en-la-construccion-de-normatividad>).
- **Impact evaluation of the job training program “Empleando Futuro”.** Project for Fundación Corona and SIBS.co, with Gustavo García and Marlen Cardona. January 2020 – December 2020.
(http://www.sibs.co/wp-content/uploads/2020/12/Evaluaci%C3%B3n-de-Impacto_Empleando-Futuro_2020.pdf).
- **Technical feasibility of carrying out an impact evaluation of “Empleando Futuro”, first Social Impact Bond in Colombia.** Project for Fundación Corona, with Gustavo García. January 2019 – May 2019.

6.A.2) Other topics

- **National diagnostic of public school libraries in Colombia.** Project for the Colombian Ministry of Education and the *Centro Regional para el Fomento del Libro en América Latina y el Caribe* (CERLALC). May – December 2020.
(<https://cerlalc.org/diagnosticobe/>).

6.B. Inter-American Development Bank (2006 – 2008)

6.B.1) Public finance and political economy in Latin America

- **The political economy of taxation in Latin America.** Research Department, with Eduardo Lora. January 2007 – May 2008.
- **The future of Fiscal Pacts in Latin America.** Research Department. Research Assistant of Eduardo Lora. June 2006 – October 2006.

6.B.2) Subjective Well-Being in Latin America

- **Insecurity, Health and Well-Being in Latin America.** Project with Carol Graham (Brookings Institution). August 2009 – September 2011.
- **Understanding Quality of Life in LAC.** Research Department, with Eduardo Lora. August 2007 – May 2008.

6.C. Fedesarrollo (2001 – 2006)

6.C.1) Macroeconomic analysis and computable general equilibrium models

- **Foreign Direct Investment in Colombia.** Project for Proexport, with Mauricio Cárdenas. May – August 2005.
- **Cenários Macroeconômicos para a América Latina 2005 - 2014.** Project for the Federal University of Rio de Janeiro UFRJ and Petrobras, with Mauricio Cárdenas and Ximena Cadena. January – June 2005.
- **General equilibrium effects of a Free Trade Agreement with the United States.** Project for the Colombian Ministry of Commerce, with Mauricio Cárdenas, Ramiro Guerrero and Marcela Meléndez. July – December 2004.
- **The impact of a Free Trade Agreement with the United States on the Bogota-Cundinamarca region.** Project for Bogotá's Chamber of Commerce, with Mauricio Cárdenas, Cristina Gamboa, Marcela Melendez, Mauricio Reina and Juan Gonzalo Zapata. May – September 2004.
(<https://www.repository.fedesarrollo.org.co/handle/11445/980>).
- **General equilibrium analysis of the Rural Capitalization Incentive (ICR).** Fedesarrollo. Project for Finagro and the Colombian Ministry of Agriculture, with Gabriel Rosas, Luis Alberto Zuleta, Santiago Tobón, Jesús Alberto Cantillo and Santiago Gutierrez. August 2003 – April 2004.
(<https://www.repository.fedesarrollo.org.co/handle/11445/1385>).

6.C.2) Fiscal federalism and fiscal policy in Colombia

- **Fiscal and macroeconomic effects of non-renewable natural resources in Colombia.** Project for UPME – Colombian Ministry of Mining and Energy, with Jorge Iván González, Juan Gonzalo Zapata, Miguel Fadul and Jaime Villamil. February – July 2003.
(<https://www.repository.fedesarrollo.org.co/handle/11445/1351>).
- **Local debt in Colombian municipalities between 1995 and 2001.** Project for the Inter-American Development Bank. Research Assistant of Juan Gonzalo Zapata. November 2002 – March 2003.
- **Public finance in Colombian municipalities with less than 30.000 inhabitants.** Project for *Misión del Ingreso Público* – Colombian Ministry of Finance, with Juan Gonzalo Zapata and Michael Smart (University of Toronto). March 2002 – March 2003.
(<https://www.repository.fedesarrollo.org.co/handle/11445/1491>).
- **Analysis of Bogotá's public finance.** Project for the local fiscal supervisor authority (*Contraloría Distrital*), with Juan Gonzalo Zapata. November 2001 – March 2002.
(<https://www.repository.fedesarrollo.org.co/handle/11445/1114>).

6.C.3) Other projects

- **Impact of long-term interest rates on private retirement accounts in Colombia.** Project for Fasescolda, with María A. Arbeláez, Natalia Salazar, Carlos Prada, Carlos Sandoval and Alejandra González. January – May 2006.
- **Social and fiscal impact of the Oleoducto Central oil pipeline.** Project for Ocesa S.A., with Felipe Barrera and Juan Gonzalo Zapata. July 2005 – January 2006.
(<https://www.repository.fedesarrollo.org.co/handle/11445/1492>).
- **Efficiency of Colombian Schools: a data envelopment analysis.** Project for the World Bank. Research Assistant of Felipe Barrera. April – July 2003.

7. TEACHING EXPERIENCE

- **Contract Theory (EC0835).** PhD in Economics. Universidad EAFIT, Medellín, Colombia. Once per year, in 2017, 2018 and 2020.
- **Advanced Microeconomic Theory 2 (EC0773).** Master and PhD in Economics. Universidad EAFIT, Medellín, Colombia. Once per year, since September 2016.
- **Game Theory and Incentives (EC0748).** Master in Applied Economics. Universidad EAFIT, Medellín, Colombia. Once every semester, since February 2019.

- **Introduction to Microeconomic Theory (La Empresa y Los Mercados, EC0741).** Master in Applied Economics. Universidad EAFIT, Medellín, Colombia. Once every semester, since February 2021.
- **Introduction to Game Theory (EC0285).** Third-year undergraduate students. Universidad EAFIT, Medellín, Colombia. Twice per year, since February 2021.
- **Principles of Microeconomic Theory (EC0112).** First-year undergraduate students. Universidad EAFIT, Medellín, Colombia. Twice per year, between August 2016 and December 2017.
- **Introduction to Economic Science.** Instructor. Universidad Javeriana, Bogotá, Colombia. August - December 2005.

8. FELLOWSHIPS AND SCHOLARSHIPS

- Central Bank of Colombia (Banco de la República) Scholarship for Doctoral Studies. 2010 – 2016.
- 2015 Colfuturo Scholarship, for Colombians pursuing graduate studies abroad.
- 2014 Early Career Investigators Network (ECIN) Summer Fellowship. Center for Personalized Prevention Research in Children's Mental Health (CPPR) and the Human Capital Research Collaborative (HCRC). University of Minnesota.

PROFESIONAL SERVICE: Referee for the Journal of Economic Behavior and Organization, Economía (LACEA), Ecos de Economía (Universidad EAFIT), Revista de Estudios Sociales (Universidad de los Andes), Revista Magis (Universidad Javeriana), Revista de Economía del Rosario (Universidad del Rosario) and Lecturas de Economía (Universidad de Antioquia).

LANGUAGE SKILLS: Spanish (native). English (fluent). German (basic).

COMPUTER SKILLS: Stata (advanced). SQL (intermediate). ArcGIS (basic). Matlab (basic). Mathematica (basic).

*Date of birth: October 13th, 1981 (Bogotá, Colombia)
C.C. 80.032.087*

Last update: January 2021