

Arturo Harker Roa

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SHORT BIO After finishing my Ph.D. in Economics at University of California, Los Angeles, I joined the faculty team of the School of Government at the Universidad de los Andes as Assistant Professor in 2012. My expertise concentrates on applied microeconomics and quantitative public policy evaluation. In the last three years, my research agenda has focused on studying the impact of adverse childhood experiences –such as the exposure to crime, violence, forced displacement and extreme poverty– on the development of cognitive, social and emotional abilities. My efforts have been focused on the design and evaluation of interventions that help mitigate this impact. Namely, my most recent research projects focused on the impact of urban violence on children and adolescents and implementing programs to protect early childhood in the context of civil violence in Colombia.

EDUCATION

2012 **University of California, Los Angeles** - *Ph.D. Economics*

2009 **University of California, Los Angeles** - *M.A. Economics*

2005 **Universidad de los Andes** - *M.A. Economics*

2003 **Universidad de los Andes** - *B.A. Economics*

Universidad de los Andes - *B.A. Philosophy* (incomplete, dissertation in progress)

RELEVANT POSITIONS

2012 - Present **Universidad de los Andes**, Bogotá, Colombia
Assistant Professor, Alberto Lleras Camargo School of Government

2013 - 2014 **Universidad de los Andes**, Bogotá, Colombia
Academic Director, Masters in Public Policy, School of Government

2010 – 2011 **University of California, Los Angeles**
Research Assistant to Dr. Kathleen McGarry

2004 – 2007 **Fedesarrollo**, Bogotá, Colombia
Junior Researcher, Journal Editor and Research Assistant

RELEVANT AFFILIATIONS

2017 **Child Protection in Crisis (CPC) Learning Network**
Faculty Affiliate

2016 - Present **Commitment to Equity Institute, Tulane University**
Research Associate

RECENT RESEARCH PROJECTS

2017

Experimental Impact Evaluation of the Teenage Mothers Program of Fundación Juan Felipe Gómez Escobar. PI.

“Semillas de Apego”: *Group-based psychotherapy to protect early childhood in the context of violence and displacement in Colombia.* Co-PI: Andrés Moya y Arturo Harker. Research team: Alicia Lieberman (UCSF), Raquel Bernal (Uniandes) and Vilma Reyes (UCSF).

The political economy of corruption: resource deviation in the Colombian education system. Co-PI: Leopoldo Fergusson y Arturo Harker.

2016

Building dreams: the impact of a conditional cash transfer program on educational aspirations in Colombia. Research team: Sandra García, Jorge Cuartas and Arturo Harker.

Neighborhood Violence and Youth Social and Emotional Outcomes. Research team: Andrés Molano (Uniandes) and Arturo Harker.

Parenting quality, economic scarcity and exposure to violence: theory and evidence in Colombia. Research team: Jorge Cuartas, Andrés Moya (Uniandes) and Arturo Harker.

Impact of violence on the cognitive and socio-emotional development of early childhood in Colombia. Research team: Leidy Riveros, Andrés Moya (Uniandes) y Arturo Harker.

2014 - 2015

Experimental Impact Evaluation of 4 for principals at low achievement public school in Colombia. PI. Research team: Maite Careaga y Andrés Molano, Universidad de los Andes.

Ecological factors associated with the development of social and emotional abilities: exploratory analysis of the variation of municipal level violence. Andrés Molano (Uniandes) and Arturo Harker.

Desarrollo de Habilidades Sociales y Emocionales para el Contexto Educativo Colombiano: Una Propuesta Inicial para la Educación Media. PI: Andrés Molano, Universidad de los Andes. Research team: Gloria Inés Rodríguez and Arturo Harker.

Evaluación de impacto del Programa Todos a Aprender del Ministerio de Educación Nacional. Proyecto contratado por el Ministerio de Educación de Colombia. PI: Sandra García, Escuela de Gobierno, Universidad de los Andes. Research team: Fabio Sánchez, Catherine Rodríguez, Maria Figueroa and Felipe Barrera-Osorio.

Cost effectiveness analysis of 4 first-line Highly Active Antiretroviral Therapy (HAART) for the treatment of HIV/AIDS in Colombia. PI. Research team: Catalina Gutiérrez Sourdis and Sergio Londoño.

School Participation and Labor Supply in Urban Mexico: Evaluating Alternative Policies Using Structural Estimation. PI.

Self-selection into Labor Informality: An Empirical Application of the Roy Model. PI.

PUBLICATIONS

“Revisando de nuevo el crecimiento económico en Colombia”, with Marcela Meléndez. Chapter in *Desafíos del crecimiento en Colombia: ¿Políticas deficientes o insuficientes?*, Ed. Fidel Jaramillo, IADB and Fedesarrollo, 2009.

“Jóvenes trabajadores en Colombia: condiciones actuales y propuestas de política”, with Mauricio Cárdenas. *Coyuntura Social*, XXXV, 2006.

NON-RECENT WORKING PAPERS

“Evaluating the Labor Conditions of Vulnerable Young People in Colombia” , with Mauricio Cárdenas.

“Domestic servants' labor conditions in Colombia”, with Mauricio Cárdenas.

“Potential Social Impact of the Free Trade Agreement with U.S.A”, with Mauricio Reina and Cristina Gamboa.

“Impact of NTBs on Colombian Mineral Products’ Trade”, with Mauricio Reina and Cristina Gamboa.

“Result-oriented Budget Design: Case Study and Policy Recommendations for the Colombian Institute of Family Welfare”, with Mauricio Olivera.

“The Television Sector in Colombia in the Negotiations Process of the FTA with the USA”, with Mauricio Reina, Cristina Gamboa and Sandra Zuluaga.

“The Colombian Economy, Recent Performance and Perspectives”, with Mauricio Reina and Cristina Gamboa.

“Coal Extraction Industry Cluster in Colombia”, with Natalia Salazar.

TEACHING EXPERIENCE

Current **Universidad de los Andes**

Professor

Economic Analysis of Public Policy (Graduate, MPP).

Data Analysis Methodology (Graduate, MPP and MPH)

Health Economics, (Graduate, MPH).

Economic and social costs of the conflict, (Graduate, M.A. in Peace Building)

Previous **University of California, Los Angeles**

Teaching Assistant

Introductory Microeconomics, (Undergraduate)

Intermediate Microeconomics, (Undergraduate)

Principles of Economics, (Undergraduate)

Introduction to the Theory and Practice of Statistics, (Undergraduate)

Universidad de los Andes

Teaching Assistant

Intermediate Macroeconomics, (Undergraduate)

RECENT ACADEMIC EVENTS

"Effect of Neighborhood Violence on Children Social and Emotional Outcomes: Evidence from Urban Settings in Colombia". Eighteenth World Congress de The International Economic Association (IEA), México, June 19-23 2017.

"Building dreams: the impact of a conditional cash transfer program on educational aspirations in Colombia". 92nd Annual Conference de la Western Economic Association International (WEIA), San Diego, California, June 25-29 2017.

"A Group-Based Psychotherapy to Protect Early Childhood in the Context of Violence and Displacement in Colombia". Evolving Methods for an Expanding Field: Global Research with Children and Families in Adversity. Biennial Meeting of the Child Protection in Crisis Learning Network. June 21-22, 2016.

"Effects of violence on children's mental health: Evidence from urban settings in Colombia". Research Seminar, Economics Faculty, Universidad del Rosario. June 14, 2016.

"Brechas en la calidad del cuidado parental y desarrollo infantil: teoría, evidencia y consecuencias para Colombia". Research Seminar. Faculty of Economics, Universidad de los Andes. November 4, 2014.

"Impactos de la Violencia sobre el Bienestar Infantil: Implicaciones de Corto y Largo Plazo sobre el Desarrollo e Implementación y Evaluación de una Intervención Psicoterapéutica con Padres e Hijos". ICESI University. September 11, 2014.

"Importancia de las habilidades socio-emocionales en el desarrollo humano". Modalidades flexibles en Educación Secundaria: Resiliencia y oportunidades para jóvenes. Foro ICFES. 2013.

"School participation and labor supply in urban Mexico: Evaluating alternative CCT policies using structural estimation". Hawaii International Conference on Social Sciences. 2013.

"Resilient Schools: Responsive Youth – An Introductory Training to Concepts, Approaches And Tools in Resilience. InterAmerican Development Bank and Universidad de Las Americas. Panama. 2013.

“School participation and labor supply in urban Mexico: Evaluating alternative CCT policies using structural estimation”. Inequalities in Children’s Outcomes in Developing Countries. Young Lives Conference, University of Oxford. June 8-9, 2013.