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## EDUCATION

Ph.D. Economics, University of Maryland-College Park, USA, August 2006.  
M.A. Economics, University of Maryland-College Park, USA, May 2006.  
B.Sc. Production Engineering, EAFIT University, Medellín, Colombia, 1997.

## RESEARCH INTERESTS

Macroeconomics, Computational Economics, Applied Microeconomics

## PROFESSIONAL EXPERIENCE

*Principal Analyst, Fiscal Policy Studies Unit, Macroeconomic Analysis Division, Congressional Budget Office (CBO), Washington, USA. September 2008 – Present.*  
*Visiting Professor, Economics Department, University EAFIT, Medellín, Colombia. February - April 2009*  
*Associate Analyst, Fiscal Policy Studies Unit, Macroeconomic Analysis Division, Congressional Budget Office (CBO), Washington, USA. August 2006 – August 2008.*  
*Researcher, Senator Carlos A. Angel, Colombia Senate, January – August 2001. (Project Labranza de Paz)*  
*Principal Investigator Foresight Colombia, January – December 2000.*  
*Quality Engineer, British Oxygen Company - Cryogas, Bogota and Medellin, Colombia. October 1997 – May 1999.*  
*Production Engineer Intern, Sumicol Ceramic Mould Plant, Colombia, January – August 1996.*

## TEACHING EXPERIENCE

*Professor, Dynamic Stochastic General Equilibrium Models. University EAFIT, February-March 2009*  
*Instructor, Intermediate Macroeconomics, University of Maryland, Spring 2005 and 2006.*  
*Teaching Assistant, Intermediate Macroeconomics, University of Maryland, Spring – Fall 2004.*  
*Teaching Assistant, Principles of Microeconomics, University of Maryland, Fall 2003.*  
*Instructor, Physics Laboratory for Engineering I-III, EAFIT University, Colombia, 1995-1996.*

## PUBLICATIONS

"Does Experience Make Better Doctors? Evidence from LASIK Surgery," (with Iñez Tristao and BeomSoo Kim), CBO WP 2007-12. Updated 2009. *Forthcoming, Health Economics*

## WORKING PAPERS

"An Empirical Model of Factor Adjustment Dynamics," CBO WP 2006-12.  
"The Effect of Wage Risk and Cross-Sectional Aggregation on the Labor Supply Response in Macroeconomic Models," (with Sven Sinclair) (Previously circulated as "Labor Supply Response in Macroeconomic Models: Assessing the Empirical Validity of the Intertemporal Labor Supply Response from a Stochastic Overlapping Generations Model with Incomplete Markets", CBO Working Paper 2008-07), January 2010.  
"Consumption Responses to Permanent and Transitory Shocks to House Appreciation," (with Joseph Nichols), CBO Working Paper 2009-05, December 2009

## **WORK IN PROGRESS (Drafts available upon request)**

"Household-level Responses to Oil Price Shocks"

"Rising Health Care Costs: Productivity or Quality Growth? An Estimation in the U.S. Health Sector at the Hospital Level" (with Elena Spatoulas and Iñez Tristao)

"Effect of Taxes on Firm-level Investment: A Structural Estimation of the Changes in the Price of Capital in Colombia," (with Tanakorn Makaew).

## **GRANTS AND AWARDS**

Best Poster Award for the Paper "Does Experience Make Better Doctors? Evidence from LASIK Eye Surgeries," Population Association of America Annual Meeting, New York, April 2007.

Institute for Computational Economics, Argonne National Laboratory-University of Chicago, Fellowship, Summer 2005.

Maryland Population Research Center Seed Grant, 2005.

Central Bank of Colombia Doctoral Fellowship, 2001-2005.

Inter-American Development Bank -Corporación Andina de Fomento -Universidad de los Andes Scholarship, 1999.

Polytechnic University of Valencia-Spain Fellowship ALE-Intercampus. Joint appointment at the Department of Applied Mathematics – Agricultural Engineering, 1997.

## **CONFERENCE/SEMINAR PRESENTATIONS**

- University Eafit, Medellín, Colombia, 2009
- American Economic Association Annual Meetings (AEA sessions), San Francisco, 2009
- Allied Social Sciences Association Annual Meetings (SGE-sponsored sessions), San Francisco, 2009
- Society of Government Economists Annual Meetings, Washington, DC, 2008
- American Economic Association Annual Meetings (AEA sessions), New Orleans, 2008
- INFORUM Fall Outlook Conference, University of Maryland, College Park, 2007
- Brazilian Econometric Society, Pernambuco, Brazil, 2007
- Latin American Economics Association (LACEA) meetings, Bogota, Colombia, 2007
- Stanford Institute of Theoretical Economics, Palo Alto, 2007
- American Real Estate and Urban Economics Association (AREUEA) Meetings, Washington DC, 2007.
- Population Association of America, New York, USA, 2007
- Congressional Budget Office, Washington, DC, 2006, 2007.
- Federal Reserve Board, Washington, DC, 2006.
- University of Connecticut, Economics, 2006.
- University of Maryland, 2005, 2006
- Universidad Nacional de Colombia, 2004

## **REFEREE**

Journal of Applied Econometrics, Revista Desarrollo y Sociedad

## **PERSONAL INFORMATION**

Nationality: Colombia (G-4 VISA)

Gender: Male.