

# Jorge A. Tovar

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## Education

- Ph.D. in Economics, University of California at Berkeley, May 2004
- M.A. Economics, Los Andes University, Bogotá, Colombia, September 1996
- B.A. Economics, Los Andes University, Bogotá, Colombia, September 1995

## Fields of Concentration

International Trade, Industrial Organization, Development Economics, Economic History, Applied Econometrics

## Professional Experience

- December 2009 – present. Associate Professor. Economics Department, Los Andes University, Bogota – Colombia.
- July 2004 – November 2009. Assistant Professor. Economics Department, Los Andes University, Bogota-Colombia.
- June 4 – August 4 2001. Summer Internship. Economic Commission For Latin America and The Caribbean (CEPAL/ECLAC), Santiago de Chile. Research with Executive Secretary Jose Antonio Ocampo, Ph.D. on Economic Growth in Latin American Countries.
- March 1998-August 1998, Advisor to the Division of Industrial Studies of the Entrepreneurial Development Unit of the National Planning Department in Colombia.
- February 1996- March 1998, Specialized Professional to the Division of Industrial Studies of the Entrepreneurial Development Unit of the National Planning Department in Colombia.
- June 1995- February 1996, Research Assistant to the Director of the National Planning Department in Colombia

## Other Academic Appointments

- Spring Quarter 2011. Visiting Scholar. Center for Latin American Studies, Stanford University, California.

## Teaching Experience

### *Professor*

- *Masters in Economics Thesis Seminar*. Los Andes University, Colombia (Graduate Level). Last Spring 2012.
- *International Trade* Los Andes University, Colombia (undergraduate level). Last fall 2011.

- *Industrial Organization* Los Andes University, Colombia (Graduate Level). Last fall 2010.
- *The FTA between Colombia and the USA*. School of Government, Los Andes University. Fall 2006.
- Summer 2000, *Visiting Lecturer* of Industrial Organization at Summer School of Los Andes University, Colombia (Graduate level).
- Summer 1999, *Instructor* of Advance Microeconomics at Rosario University, Colombia (undergraduate level).
- Fall 1997-Spring 1998, *Instructor* of Intermediate Microeconomics at Rosario University, Colombia (undergraduate level).
- Spring 1997, *Instructor* of Intermediate Microeconomics at Javeriana University, Colombia (undergraduate level).
- Fall 1995 – spring 1996, *instructor* of Intermediate Microeconomics at Los Andes University, Colombia (undergraduate level).

#### *Teaching Assistant*

- Fall 2003-Spring 2004, *Teaching Assistant* for Glenn Woroch, Industrial Organization (undergraduate level) at the University of California at Berkeley.
- Fall 2002, *Teaching Assistant* for Ann Harrison, International Trade (undergraduate level), at the University of California at Berkeley.
- Spring 2002, *Teaching Assistant* for Aaron Edlin, Industrial Organization (undergraduate level), at the University of California at Berkeley.
- Fall 2001, *Teaching Assistant* for Dan McFadden, Intermediate Microeconomics (undergraduate level), at the University of California at Berkeley.
- Spring 2000, *Teaching Assistant* for Jay Shambaugh, International Monetary Economics (undergraduate level), at the University of California at Berkeley.
- Spring 1999- Fall 2000, *Teaching Assistant* for J. Pierce, / P. Orszag, Macroeconomics (undergraduate level), at the University of California at Berkeley.

#### **Publications**

Tovar, J. (2012) Consumers' Welfare and Trade Liberalization: Evidence from the Car Industry in Colombia in *World Development* Vol. 40, No. 4, pp. 808-820.

Tovar, J.; Jaramillo, C. and Hernández, C. (2011) Risk, Concentration and Market Power in the Banking Industry: Evidence from the Colombian System (1997-2006) in *Banks and Bank Systems* Vol. 6(1), pp. 49-61.

*Available online:*

([http://www.businessperspectives.org/journals\\_free/bbs/2011/BBS\\_en\\_2011\\_01\\_Tovar.pdf](http://www.businessperspectives.org/journals_free/bbs/2011/BBS_en_2011_01_Tovar.pdf))

Hoffstetter, M. and Tovar, J. (2010). Common Knowledge Reference Price and Asymmetric Price Adjustments. Evidence from the Retail Gasoline Market in Colombia in *Review of Industrial Organization* Vol. 37(2), pp. 141-159.

- Tovar, J. (2010) La Manumisión en Colombia: Un análisis cuantitativo in Meisel, A. y Ramírez, M.T. Ed. *Economía Colombiana del Siglo XIX*. Banco de la República y Fondo de Cultura Económica.
- Tovar Mora, J. and Tovar Pinzón, H. (2009) *El Oscuro Camino de la Libertad: Los esclavos en Colombia 1821 -1851*. Ediciones Uniandes. Bogotá - Colombia
- Jaramillo, C. y Tovar, J. (2009) Incidencia del Impuesto al Valor Agregado sobre los Precios en Colombia in *El Trimestre Económico*, México Vol. LXXVI (3) No. 303, July – September.
- Tovar, J. (2008) Caracterización del Ahorro de los Hogares en Colombia in *Revista Coyuntura Social* No. 38 - 39, June - December.
- Jaramillo, C. y Tovar, J. (2008) El Impacto del Impuesto al Valor Agregado sobre el Gasto en Colombia en *Revista Lecturas de Economía*, No. 68, Enero – Junio.
- Jaramillo, C. and Tovar, J. (2007) Reflexiones sobre la teoría y práctica del IVA en Colombia in *Revista de Economía del Rosario* Vol. 10, No. 2 pp. 171-188.
- Tovar, J. and Villamizar, D. (2006) Una Nota a la Metodología en el Cálculo Oficial del Déficit Habitacional in *Revista Economía y Desarrollo*, Vol. 5, No 2.
- Tovar, J. (2006) Trade Policy in Colombia in the Williamson Davidson Institute at the University of Michigan Policy Brief #48
- Tovar, Jorge (1998) Dos Visiones de Política de Desarrollo: Colombia y Taiwan 1950 - 1995 in *Revista Planeación y Desarrollo*, Vol. XXIX, No1, Jan.-Mar.
- Garay, L.J.; Tovar, Jorge et alter (1998) Colombia: Estructura Industrial e Internacionalización (1967-1996) DNP-Colciencias- Mincomex.
- Tovar, Jorge et alter (1994) Convocatoria al Poder del Número: Censos y Estadísticas de la Nueva Granada (1750-1830) Archivo General de la Nación, 1994, Bogotá, Colombia.

### **Other publications**

- Book Review (2010). Robinson, J. and Urrutia, M. (2007) Economía Colombiana del Siglo XX: Un análisis cuantitativo, in *Enterprise and Society*, Volume 11, Number 3, September.
- Comment (2006). Giovannetti and Menezes-Filho (2006) Trade Liberalization and Demand for Skilled Labor in Brazil in *Economía* Volume 7, Number 1 pp. 21-22.

## Consulting / Financed Projects

### Public Sector/Multilateral Organizations

- 2012 Design of a labor demand information system. Funded by USAID.
- 2011 Micro and small business in Colombia: Dynamics, evolution and potential. Funded by the Colombian National Statistical Agency (DANE).
- 2010 Interest rate subsidies for mortgage loans: The Case of Colombia. Joint with Marc Hofstetter and Miguel Urrutia. Funded by the Inter American Development Bank under the project Housing Finance in Latin America and the Caribbean: What is holding it back?
- 2009 Study to propose an adjustment on Colombia's aqueduct and sewer system tariff Schedule such that it promotes regional integration among firms. Joint with Christian Jaramillo y Harold Coronado. Funded by Colombia's Drinking Water Regulation Agency.
- 2008 Study on feasible alternatives to reduce contributions to the Colombian Communication Fund and analysis on the telecommunication sector tax burden. Joint with Christian Jaramillo. Funded by the Colombian Ministry of Communications and The Colombian Association for Advances in Sciences.
- 2008 Assist in linking the Annual Manufacturing Survey and the Monthly Manufacturing Survey as an input for Colombia's National Accounts. Funded by the Colombian National Statistical Agency (DANE).
- 2007 Economic and technical review of the methodology proposed to extend the incumbents license to operate a satellite TV channel in Colombia, as well as review of the conditions under which a new license fee should be awarded. Funded by the National Television Council of Colombia (Colombia's television TV regulatory agency)
- 2007 Assess and Design of a Statistical System for the Demand of Labor. Funded by the USAID.
- 2007 The Effect of the FTA between Colombia and the USA on the Colombian Agricultural Sector. Joint With Christian Jaramillo and Jorge Maldonado. Funded by the Ministry of Agriculture.
- 2006 Competitive Effects of Mergers and Acquisitions: Evidence from the Colombian Banking System. Joint with Juan Carlos Echeverry and Christian Jaramillo. Funded by USAID.
- 2006 The Impact of the Value Added Tax on Consumer Prices in Colombia. Funded by the World Bank.
- 2006 Market Structure in the Colombian Agrochemical Sector. Funded by the Colombian Ministry of Agriculture.

- 2005 Demand and Supply for Credit of Low Income Housing in Colombia, with Emphasis in Demand of Families of the Informal sector. Joint with Fabio Sánchez and Ricardo Rocha. Funded by PNUD/COL/03/045, Funded by the Colombian Ministry of Environment, Housing and Regional Development.
- 2005 Measurement of the Impact of Economics Reforms due to the Implementation of the Law of Fiscal Responsibility. Funded by the Colombian Ministry of Finance.
- 2005 Development of city-case studies of the urban settlement pattern, both formal and informal, in the last 20 years in the cities of Bucaramanga and Cartagena. Joint with Ricardo Rocha, Samuel Jaramillo, Leonardo Garcia, Ligia Salazar and Oscar Saboya. Project funded by the World Bank.

### Private Sector

- 2011 The Potential of Housing Policy in Colombia. Joint with Alejandro Gaviria. Funded by Asobancaria (Colombian Banking Association)
- 2011 The Productive Contribution of the Tobacco Sector and Analysis of the Socio-economic Conditions of Tobacco Growers in Colombia. Joint with Christian Jaramillo. Funded by Coltabaco – Phillip Morris.
- 2011 The Car Renting (Leasing) Sector in Colombia. Funded by Equirent S.A.
- 2011 The Restaurant Sector in Colombia: Challenges and Opportunities. Joint with Christian Jaramillo. Funded by 12 major Colombian restaurant chains.
- 2010 National transfer account: the case of Colombia. Joint with Piedad Urdinola. Funded by [www.ntaaccounts.org](http://www.ntaaccounts.org)
- 2010 Tariff and sampling design for the Colombian organization in charge of collecting property rights generated by the use of music in establishments open to the public. Joint with Piedad Urdinola. Funded by Organización Sayco – Acinpro.
- 2009 The availability of land for low-income housing in Bogota. Funded by Asobancaria (Colombian Banking Association).
- 2008 Why the sluggish behavior of the agricultural sector in Colombia? Joint with Eduardo Uribe. Funded by Fedepalma.
- 2007 Econometric Estimation of Own and Cross Demand Elasticities for the Colombian Tobacco Industry. Funded by Phillip Morris – Colombia Tobacco Company.
- 2006 Design of a model to forecast car sales in the Colombian auto industry. Funded by SOFASA (Renault in Colombia).
- 2006 A critic to the analysis of long distance to mobile phone calls regulation in Colombia. Joint with Ricardo Rocha. Funded by the Colombian Association of Mobile Firms.

2006 Evaluation of the Market and Financial Effect Due to the CRT (Colombia's Telecommunications Regulator) 2001's 483 Resolution. Funded by Movistar.

2005 Household Savings in Colombia. Funded by Skandia.

2005 Petrochemical sector study: Economic effects of the modernization of the Cartagena oil refinery and the potential construction and operation of a Olefins plant. Joint with Ricardo Rocha. Funded by the National Association of Manufacturers (ANDI).

## Academic Working Papers

*Recent versions available at <http://economia.uniandes.edu.co/tovar>*

2011 "Diversification, networks and the survival of exporting firms" (Coautor: Luis Roberto Martinez). Ver Documento Cede:

<http://economia.uniandes.edu.co/content/download/37574/319853/file/dcede2011-08.pdf>

2011 "Effects of a mortgage interest rate subsidy: evidence from Colombia" (Coautores: Marck Hofstetter y Miguel Urrutia).

<http://economia.uniandes.edu.co/content/download/37854/323157/file/dcede2011-20.pdf>

2008 "Rationalizing the sluggish growth of the agricultural sector in Colombia". (Joint with Eduardo Uribe). Paper prepared for presentation at the XXXVI annual congress of Colombian Palm Growers. (*In Spanish*). Available online

at:  
[http://economia.uniandes.edu.co/es/investigaciones\\_y\\_publicaciones/cede/publicaciones/documentos\\_cede/2008/reflexiones\\_sobre\\_el\\_crecimiento\\_de\\_largo\\_plazo\\_del\\_sector\\_agricola\\_en\\_colombia](http://economia.uniandes.edu.co/es/investigaciones_y_publicaciones/cede/publicaciones/documentos_cede/2008/reflexiones_sobre_el_crecimiento_de_largo_plazo_del_sector_agricola_en_colombia)

2006 "Trade and Labor Markets: Evidence from the Colombia Trade Liberalization Process" (joint with Christian Jaramillo). Available online at:

[http://economia.uniandes.edu.co/es/investigaciones\\_y\\_publicaciones/cede/publicaciones/documentos\\_cede/2006/trade\\_and\\_labor\\_markets\\_evidence\\_from\\_the\\_colombian\\_trade\\_liberalization\\_process](http://economia.uniandes.edu.co/es/investigaciones_y_publicaciones/cede/publicaciones/documentos_cede/2006/trade_and_labor_markets_evidence_from_the_colombian_trade_liberalization_process)

## Seminars (Speaker)

"Inequality in national inter-generational transfers: Evidence from Colombia"  
*National Tax Association Annual Conference on Taxation, New Orleans, October 2011*

"Diversification, Networks and the Survival of Exporting Firms"  
*Trade, Integration and Growth Network – LACEA. San Jose de Costa Rica. October 2010.*

"The impact of interest rate subsidies on mortgage loans: The case of Colombia"  
*Housing Finance in Latin America and the Caribbean: What is Holding it Back? IADB. Washington D.C. Febrero 2010 and August 2010.*

"The Political Economy of Trade Policy: Colombia 1886-1931"  
*World Economic History Conference, Utrecht, Netherlands, August 2009.*

"The impact of VAT on retail prices"  
*International Industrial Organization Conference, Northeastern University, Boston April 2009*

*National Tax Association Annual Conference on Taxation, New Orleans, October 2011*

“El Oscuro Camino de la Libertad: Los Esclavos en Colombia 1821 – 1851” (*The Dark Path to Freedom: Slaves in Colombia 1821 – 1851*)

Congreso de Economía Colombiana – 50 Años CEDE. October 2008.

“Asymmetric price adjustments under ever - increasing costs. Evidence from the Retail Gasoline Market in Colombia”

*International Industrial Organization Conference, Marymount University, Washington D.C. May 2008.*

“La manumisión en Colombia 1821 – 1851. Un análisis cuantitativo (*Manumisión in Colombia 1821 – 1851. A quantitative approach.*”

*Seminario de historia económica colombiana del siglo XIX, Banco de la República, Bogotá Agosto 15 y 16 del 2007.*

“Colombia and the Free Trade Agreement Negotiations with the United States” 10<sup>th</sup> Korea - Latin America Business Forum”, Seoul – Korea September 2006.

“Risk, Market Power and Regulation in the Colombian Banking System”

*International Industrial Organization Conference, Northeastern University, April 2006.*

“Trade and Labor Markets: Evidence from the Colombia Trade Liberalization Process”

*Job Reallocation, Productivity Dynamics and Trade Liberalization, Bogotá, July 2005.*

*American Economics and Finance Meeting, Houston, TX. February, 2006.*

“Exchange Rate Pass-Through and Market Structure: Evidence from the Car Industry in Colombia”

*International Atlantic Economic Conference, Chicago September 2004.*

*LACEA, San Jose de Costa Rica, November 2004*

“The Welfare Effects of Trade Liberalization: Evidence from the Car Industry in Colombia”

*University of California, Berkeley, October 2003*

*International Industrial Organization Conference, Northwestern University, Chicago, April, 2004.*

“Economic and Political Development in Colombia in the 1990’s”

*University of Texas – Pan American, April 2002*

“Colombia: 1967-1996, 30 Years of Development”

*China External Trade Development Council (CETRA) Taiwan, May 1997.*

### **Fellowships and Awards**

2011 Merit Mention from the Alejandro Angel Escobar Foundation for the book “La economía colombiana en el Siglo XIX” which includes the chapter “La manumisión en Colombia, 1821 – 1851. Un análisis cuantitativo.”

2011 Medal for Research on Development: Domestic Resource Mobilization and Financial Sector Development sponsored by the Global Development Network: *The effects of a mortgage interest rate subsidy*. Sponsored by the Global Development Network. Joint with Marc Hofstetter and Miguel Urrutia.

- 2010 ECLAC-IDRC Grant for the study on “National Transfer Accounts”. Joint with Piedad Urdinola.
- 2004-2007 Young Researchers Support Fund, Los Andes University, Bogotá, Colombia.
- 2004 Graduate Division Conference Travel Grant, U.C. Berkeley.
- 2003 Graduate Division Summer Grant, U.C. Berkeley.
- 2002 Normative Time Fellowship, U.C. Berkeley.
- 1998-2002 Colombia’s *Banco de la República* (Central Bank) Fellowship for doctoral studies abroad.
- 1997 Fellowship to assist to the seminar on Promotion of International Trade offered by CETRA in Taipei, Taiwan.