

Jorge A. Tovar

jtovar@uniandes.edu.co

<https://sites.google.com/view/jorgetovar>

Calle 19^a No. 1 -37 Este; Oficina W 825

Bogotá- Colombia

Tel: 57-1-339 4949 ext. 3401 / 2467

Fax: 57-1-332-4021

Education

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

Fields of Concentration

International Trade, Industrial Organization, Sports Economics, 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 Appointments

- December 2021 – December 2023. *Member Club Deportivo Azul & Blanco Millonarios FC S.A's Sports Committee.*
- March 2022 – today. *Member Executive Committee of the Bogota Sport Cluster. District Institute of Recreation and Sports (IDRD)*
- July 2021 – September 2022. *Member of Consultative Committee of the Economic Census of Colombia.* Colombia's National Statistical Agency (DANE).
- May 2020 – September 2022. *Member of the Advising Council for the National Statistical System.* Colombia's National Statistical Agency (DANE).
- Spring 2020. *Tinker-Nave Visiting Professor.* LACIS – Economics Department. University of Wisconsin – Madison.
- Fall 2015 – Summer 2019. Academic Director. Master's in applied economics (Los Andes University).
- Spring Quarter 2011. *Visiting Scholar.* Center for Latin American Studies, Stanford University, California.

Teaching Experience

Professor

- *Cartels and competition* Los Andes University, Colombia (graduate level). One time. Last Spring 2024.
- *Applied Sports Economics* Los Andes University, Colombia (undergraduate level). Five times. Last, Spring 2024.
- *International Trade* Los Andes University, Colombia (undergraduate level). Twenty-two times. Last, fall 2023.
- *Introduction to Microeconomics*. Los Andes University, Colombia (undergraduate level). First time. Fall 2023.
- *Consumers and firm theory* Los Andes University, Colombia (undergraduate level). Six times. Last, Spring 2023.
- *Masters in Economics Thesis Seminar*. Los Andes University, Colombia (Graduate Level). Seventeen times. Last, fall 2019.
- *Masters in Applied Economics Thesis Seminar*. Los Andes University (graduate level). Four times. Last, Fall 2021.
- *Industrial Organization* Los Andes University, Colombia (Graduate Level). Eight times. Last, Fall 2019.
- *Undergraduate Thesis Project*. Los Andes University. Two times. Last, fall 2020.
- *Advanced Sports Economics* University of Wisconsin, Madison (undergraduate level). Spring 2020.
- *Empirical Industrial Organization* (shared with Marcela Eslava, Carlos Hernández) Los Andes University (graduate level). Two times. Last, fall 2018.
- *Football (Soccer), Economics and Society*. Los Andes University, Colombia (undergraduate level). Four times. Last, spring 2018.
- *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

Feel free to email me if you have trouble accessing any of my papers.

Research Papers

- Galindo, A. and Tovar, J. (forthcoming) “From the Pandemic to the Pitch. Unraveling COVID-19’s effect on worker’s performance” in *Economics Letters*.
- Tena, J. and Tovar, J. (2023) “Emotional shocks and Performance: Evidence from the FIFA World Cup” in *International Journal of Sport Finance*. 18(3) 150-165.
<https://fitpublishing.com/articles/emotional-shocks-and-performance-evidence-fifa-world-cup>
- Lee, R.; Mason, A.; Tovar, J. and members of the NTA network (2022) “Six Ways Population Change Will Affect the Global Economy” in *Population and Development Review* 48(1). 51-73. <https://onlinelibrary.wiley.com/doi/full/10.1111/padr.12469>
- Tovar, J. (2021) “Soccer, World War II and coronavirus: a comparative analysis of how the sport shut down” in *Soccer & Society*, 22:1-2, 66-74:
<https://doi.org/10.1080/14660970.2020.1755270>
- Tovar, J. (2020) “Performance, diversity and national identity: evidence from association football” in *Economic Inquiry* Vol. 58 (2), pp. 897-916.
<https://onlinelibrary.wiley.com/doi/abs/10.1111/ecin.12861>
- Caro, J.C., Ng, S.W., Bonilla, R., Tovar, J. and Popkin, B. M. (2017) Sugary drinks taxation, projected consumption and fiscal revenues in Colombia: Evidence from a QUAIDS model in *PloS One* 12 (12)
<http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0189026>.
- Tovar, J. y Urrutia, M. (2017) The Impact of Social Safety Net Programs on Household Savings in Colombia in *The Developing Economies* Vol. 55, No. 1.
<https://onlinelibrary.wiley.com/doi/abs/10.1111/deve.12119>
- Tovar, J. (2014) Gasping for Air: Soccer players’ passing behavior at high altitude in *Journal of Quantitative Analysis in Sports* Vol. 10, No. 4, pp 411 - 420. DOI 10.1515/jqas-2014-0035. <https://www.degruyter.com/document/doi/10.1515/jqas-2014-0035/html>
- Lee, R., Mason, A., Tovar, J. Urdinola, P., et al. (2014) Is low fertility really a problem? Population aging, dependency, and consumption in *Science* 346 (6206), pp. 229-234.
DOI: 10.1126/science.1250542.
- Tovar, J. and Urdinola, B.P. (2014) Inequality in National Inter-Generational Transfers: Evidence from Colombia in *International Advances in Economic Research* Vol. 20(2), pp. 167 - 187. Doi: 10.1007/s11294-013-9455-7
- 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.
Doi:10.1016/j.worlddev.2011.09.021
- 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 (.pdf):<http://goo.gl/JebWWg>

- 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.
- 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.

Books and chapters

- Tovar, J. (forthcoming). Colombia's failure to host the 1986 FIFA World Cup. Chadwick, S., Widdop, P., and Goldman, M. editors. The Geopolitical Economy of Football. Ed. Routledge.
- Pérez-Reyna, D. and Tovar, J. (2023) Medición del grado de competencia en el sector bancario colombiano. Malagón, J. Vera, A y Montoya, G. editors. Asobancaria. Descarga gratis: <https://www.asobancaria.com/2023/06/13/edicion-1380-road-to-basel-fortaleciendo-la-regulacion-financiera-en-colombia/>
- Tovar, J. (2023) Soccer, World War II and coronavirus: a comparative analysis of how the sport shut down. pp 71-79. Bandyopadhyay K. editors. Covid-19 and the Soccer World. Ed Routledge.
- Tovar, J. (2021) On fairness, justice, and VAR. Russia 2018 and France 2019 World Cups in a historical perspective. Ed Palgrave Macmillan. <https://www.amazon.com/gp/product/3030848132>
- Tovar, J. (2021) On the Short- and Long-Run Effects of Social Safety Nets. Zafarullah, H., and Shafiqul Huque, A. editors Handbook of Development Policy. Edward Elgar Publishing, UK.
- Tovar, J. (2021) How Football Closed in South America. Krieger, J., Henning, A., Dimeo, P., and Parks Pieper, L. Time Out. Global Perspectives on Sport and the Covid-19 Lockdown. Common Ground. Champaign, IL.
- Tovar, J., and Urdinola, P. (2019) Home and Market Production Time Use Differentials in Colombia. Time Use and Transfers in the Americas Jorge Tovar and Piedad Urdinola editor. Ed. Springer. <https://amzn.to/2IPXdrs>
- Donehower, G., Tovar, J., and Urdinola, P. (2019) The Use of Time Across the Americas: Colombia, Costa Rica, United States and Uruguay. Time Use and Transfers in the Americas Jorge Tovar and Piedad Urdinola editor. Ed. Springer. <https://amzn.to/2IPXdrs>

- Carriazo, F., y Tovar, J. (2019) Arborización y hurto a peatones en Bogotá en “Economía y Seguridad en el Post Conflicto” Hernando Zuleta editor. Ed. Uniandes. <https://bit.ly/2PmBNDn>
- Gaviria, A. y Tovar, J. (2016) El potencial de la política de vivienda in Ensayos Sobre Política de Vivienda. Asobancaria.
Online. Free download: <https://goo.gl/45PJ32>
- Urrutia, M. y Tovar, J. (2016) Acceso a la vivienda de la clase media: su capacidad de ahorro in Ensayos Sobre Política de Vivienda. Asobancaria.
Online. Free download: <https://goo.gl/45PJ32>
- Tovar, J. (2014) Case Study of Mesoamerica in Plummer, M. (OECD) Editor *Regional Perspectives on Aid for Trade*. OECD Publishing.
Online: <http://goo.gl/vbJ1eK>
- Tovar, J. (2014) *Round Numbers: Legends and Statistics in World Soccer (In Spanish: Números Redondos: Leyendas y Estadísticas del Fútbol Mundial)*. Grijalbo Ed.
Amazon: <http://goo.gl/dUclgo>
- 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.
Amazon: <http://goo.gl/bjmeV5>
- Tovar Mora, J. and Tovar Pinzón, H. (2009) *El Oscuro Camino de la Libertad: Los esclavos en Colombia 1821 -1851*. Ediciones Uniandes. Bogotá – Colombia.
Amazon: <http://goo.gl/Jk8uEd>
- 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

- Introductory note (2019) to Ospina Vásquez, L. (2019) *Industria y Protección en Colombia, 1810-1930*, Ediciones Uniandes.
- 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.

Working Papers (recent)

- Rodríguez, T., y Tovar, J. “The hedgehog or the fox: Versatility and performance in professional soccer” Documento CEDE 2023-12. [On line](#).
- Galindo, A. y Tovar, J. “Policy Support and Firm Performance During the COVID-19 Pandemic: Evidence from Colombia” IDB Working Paper Series No. 1347. [On line](#).

Tovar, J. (2021) “Contrabando, impuestos y cigarrillos en Colombia”. Documento CEDE 2021-43. [On line](#).

Consulting / Funded Projects

Public Sector/Multilateral Organizations

Competition and Regulation Issues

- 2024 Competition in the Colombian Banking Sector. Joint with David Pérez-Reyna y Tomás Rodríguez. Funded by Inter-American Development Bank.
- 2020 Expert witness in the dispute between garbage disposal firm and its regulator *Unidad Administrativa Especial de Servicios Públicos* (UAESP). Joint with David Bardey. Funded by UAESP.
- 2014 Study of the fertilizers, pesticides, veterinary drugs and biological products for the agricultural and livestock markets in Colombia. Analysis of the competitive conditions in the distribution and marketing chains in each of these markets. Joint with Hernán Vallejo. Funded by Asociación Colombiana para el Avance de la Ciencia.
- 2012 Economic and financial study on the feasibility of acquiring vehicles for the provision of security to the Senators of the Republic. Funded by the Administration Office of the Senate of the Republic of Colombia.
- 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 as part of 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 of the telecommunication sector tax burden. Joint with Christian Jaramillo. Funded by the Colombian Ministry of Communications and The Colombian Association for Advances in Sciences.
- 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)
- 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 Mechanism Design for participation and compensation of detachable energy. Funded by Energy and Gas Regulation Agency (CREG)
- 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.

Sectoral Economy

- 2022 Expert Analysis on The Impact of Covid on Firms in Latin America Consultant. The Case of Colombia. Funded by the Inter-American Development Bank.
- 2018 Competitiveness of powdered milk product in Colombia. Funded by The World Bank
- 2013 Evaluate cadastral information as a source for domestic governmental agencies. Funded by Departamento Nacional de Planeación (DNP)
- 2011 Micro and small business in Colombia: Dynamics, evolution, and potential. Funded by the Colombian National Statistical Agency (DANE).
- 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).
- 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 on 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 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.

International Trade

- 2020 The dynamics of Colombian exporting firms. Funded by World Bank.
- 2014 Evaluation of the United Nations Conference on Trade and Development's (UNCTAD) effectiveness, efficiency, and relevance through the prism of its research and analysis pillar over the period 2010-2014. Funded by United Nations.
- 2013 Multi-country and regional Aid for Trade in Mesoamerica. Funded by the Organization for Economic Co-operation and Development (OECD)
- 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.

Social Issues (Savings, Labor Demand, National Transfer Accounts) / others

- 2024 Socio-economic model of amateur sport clubs: assessing and improving resilience. El caso de Colombia. Financiado por Erasmus (Comisión Europea)
- 2019 Evaluate and recommend on the National Income and Expense Survey statistical process. Funded by the Colombian National Statistical Agency (DANE).
- 2017 National Transfer Account estimations for Colombia (NTA-2014) as part of the *Demographic transition: opportunities and challenges to achieve SDGs in Latin America and the Caribbean (10th Tranch of the UN Development Account)* project. Joint with Piedad Urdinola. Funded by the Economic Commission for Latin America and the Caribbean.
- 2014 Provide guidelines and recommendations for the implementation of the National Labor Demand System in Colombia (SINIDEL) and the proposal for the 2016-2017 Income and Expenses Survey. Evaluate, rate, issue a concept on the quality certificate and formulate an improvement plan for the Colombian Micro Establishments Survey. Funded by the Colombian National Statistical Agency (DANE).
- 2014 Population estimates and water demand in Santa Marta (Colombia) as part of a project led by Juan Saldarriaga: "Studies to strengthening the sewer infrastructure of Santa Marta for the next 50 years in order to meet the needs of the populations of Santa Marta, Taganga, Bonda and Rodadero. Funded by Financiera del Desarrollo – Findeter.
- 2014 Household Savings in Colombia during the 21st Century. Joint with Miguel Urrutia. Funded by the Inter-American Development Bank as part of the project Domestic Savings in Latin America and the Caribbean.
- 2012 Design of a labor demand information system. Funded by USAID.
- 2007 Assess and Design of a Statistical System for the Demand for Labor. Funded by the USAID.

Private Sector**Competition, regulation and antitrust**

- 2022 Competition in the Colombia banking sector. Funded by the Colombian Banking Association. Joint with David Pérez-Reyna.
- 2022 Advantages and disadvantages of using different methodologies to adjust spectrum prices. Funded by Colombia Telecomunicaciones S.A. ESP BIC (Telefónica). Joint David Bardey.
- 2022 Evaluation of the sustainability of the agro-industry with a focus on the raw material sugar cane and proposals for the development and/or modification of legal stabilization instruments. Funded by the Colombian Association of Sugar Cane Growers (Asocaña).

- 2021 Economic analysis relative to the accusation of Automotores Toyota de Colombia favoring Distoyota in the city of Bucaramanga. Financed by Automotores Toyota de Colombia.
- 2021 Economic evaluation of the report: “Financial Analysis of the Colombian Liquor Market.” The case of Antioquia and Valle. Funded by Diageo Colombia S.A.
- 2020 The effect of moving pharmaceutical products from excluded to exempt VAT. Joint with David Bardey and Andrés Zambrano. Funded by Tecnoquímicas S.A.
- 2019 Develop a performance index for Alquería’s last mile sales personal. Funded by Producto Naturales de la Sabana S.A.S.
- 2018 Economic evaluation on the sanctions issued by the Colombian antitrust agency against Argos. Funded by Argos S.A.
- 2018 Economic evaluation of the report: “Financial Analysis of the Colombian Liquor Market.”. The case of Cundinamarca. Funded by Diageo Colombia S.A.
- 2016 Cross-price elasticities estimates across media platforms in the advertising industry. Joint with David Bardey. Funded by Radio Cadena Nacional S.A.
- 2016 Economic evaluation of the Superintendencia de Industria y Comercio (*Colombian Competition Authority*) Resolution No. 6510 de 2016. Joint with David Bardey. Funded by Radio Cadena Nacional S.A.
- 2016 Economic evaluation of the Superintendencia de Industria y Comercio (*Colombian Competition Authority*) report on Diapers Sector No. 13-266923. Joint with David Bardey. Funded by Tecnoquímicas S.A.
- 2016 The sensitivity of cigarette sales in Colombia to cigarette smuggling in Colombia. Funded by Compañía Colombiana de Tabaco S.A.S.
- 2015 Excise Tax and Smuggling. The Case for Cigarettes in Colombia. Funded by Compañía Colombiana de Tabaco (Coltabaco).
- 2014 Sugar and honey market structure in Colombia. Joint with David Bardey. Funded by the Colombian Sugar Cane Growers’ Association.
- 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.

Sectoral Economy

- 2021 Smuggling, taxes, and cigarettes in Colombia. Funded by Phillip Morris – Colombia Tobacco Company.
- 2019 Econometric Estimation of Own and Cross Demand Elasticities for the Colombian Tobacco Industry. Funded by Phillip Morris – Colombia Tobacco Company.
- 2016 Estimating price elasticities of demand for beverages and unhealthy foods in Colombia. Funded by Pontificia Universidad Javeriana
- 2016 The Importance of Tobacco Farming in Latin America (extension and update). Funded by Phillip Morris.
- 2014 Advisor to the Colombia Insurance Firms Union – Fasecolda in writing the study called ‘Labor Market’. Joint with Miguel Urrutia. Funded by Fasecolda.

- 2014 Advisor in designing an insurance unemployment proposal. Joint with Miguel Urrutia. Funded by Fasecolda.
- 2013 The Importance of Tobacco Farming in Latin America. Funded by Phillip Morris.
- 2013 Forecasting the Producer Price Index (PPI) in Colombia. Funded by the Endesa Group
- 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 Potential of Housing Policy in Colombia. Joint with Alejandro Gaviria. Funded by Asobancaria (Colombian Banking Association)
- 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 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.
- 2020 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).
- 2005 Petrochemical sector study: Economic effects of the modernization of the Cartagena oil refinery and the potential construction and operation of an Olefins plant. Joint with Ricardo Rocha. Funded by the National Association of Manufacturers (ANDI).

Social Economy: Savings, National Transfer Accounts

- 2020 Counting Women’s Work: The Gendered Economy in the Market and at Home. Estimation of National Time Transfer Accounts. Joint with Piedad Urdinola. Funded by the University of California – Berkeley; William and Flora Hewlett Foundation.
- 2014 Counting Women’s Work: The Gendered Economy in the Market and at Home. Estimation of National Time Transfer Accounts. Joint with Piedad Urdinola. Funded by the International Development Research Center (IDRC).
- 2012 Housing and Savings Capacity for the Middle Class in Colombia. Joint with Miguel Urrutia. Funded by Asobancaria (Colombian Banking Association)
- 2010 National transfer account: the case of Colombia. Joint with Piedad Urdinola. Funded by www.ntaaccounts.org
- 2005 Household Savings in Colombia. Funded by Skandia.

Sports economics

- 2018 Development of an analytic scouting and player ranking model. Joint with Andrés Clavijo. Funded by Club Deportivo Los Millonarios (Fisrt^t division Colombian team).
- 2018 Financial and sports structuring of a FIFA World Penalty Tournament for FIFA. Funded by lawyer Carlos Plata

Seminars (Speaker)

- “The Economics of El Dorado. The Colombian 1950s pirate football league” To be presented at:
3rd Reading Football Economics Conference. May 7-8, 2024 (University of Reading – United Kingdom).
10th Football & Finance Conference. May 14-15, 2024 (University of Duisburg – Germany).
- “Worker’s performance in the wake of sickness: How footballers perform after COVID-19” – 1st Latin American Sports Economics Conference – Bogotá (Colombia), October 2023
- “The Hedgehog and the Fox: Versatility and Performance in Professional Soccer” — 14th European Sports Economics Conference – Cork (Ireland), August 2023
- “On Fairness, Justice and VAR” – 2nd Reading Football Economic Workshop, December 2022. **Keynote address.**
- “Policy Support and Firm Performance During the COVID-19 Pandemic: Evidence from Colombia” – *Economics Friday – Pontificia Universidad Católica del Perú (Lima), November 2022.*
- “Football and COVID-19: Worker’s performance in the medium and long-run” – *Third Festival on Economics Research. – Universidad del Cauca (Popayán – Colombia), November 2022*
- “Emotions and Performance: A Quasi-Natural Experiment from the FIFA World Cup”
Reading Online Sport Economics Seminars (ROSES) – University of Reading (England), June, 2020.
9th Mathsport International Conference - University of Reading (England), July, 2022
- “The role of age in labor productivity”
XI European Sport Economics Association Conference Gijón (Spain), August 2019.
- “The more (strategies) the merrier: evidence from soccer.
9⁴th Annual Western Economic Association International Conference, San Francisco (EE.UU.) July 2019
- “Performance, diversity and national identity: Evidence from European Association Football”
10th anniversary European Sport Economics Association Conference, Liverpool (England) August 2018
- “Gender and socioeconomic gaps in Colombia – 2014 using National Transfer and Time Accounts”
12th Global NTA meeting, Mexico City (Mexico) July 2018
- “The role of subteams in the hyper-networks analysis: Team quality and overall performance”

- 1st INTERACT Interdisciplinary Symposium on Social Network Analysis, Bogotá June 2018*
- “Diversity and performance in European association football”
92nd Annual Western Economic Association International Conference, San Diego (USA) July 2017.
- “Inter-generational time use by gender under inequality for developing countries. The Colombia case”.
8th European council for social research in Latin America Congress Salamanca University, Spain, July 2016
- “Household savings in Colombia during the XXI Century”
Workshop: “Domestic Savings in Latin America and the Caribbean” Washington DC July 2014.
- “Regional and Multi-country Aid for Trade in Mesoamerica”
“Experts group meeting, ‘Regional Aid for Trade: Catalyst for Regional Economic Integration and Development’” Bologna, Italy, December 2013
- “Diversification, networks and the survival of exporting firms”
“Trade, Integration and Growth Network - LACEA” San José, Costa Rica, October 2010.
“International Atlantic Economic Conference” Istanbul, Turkey, March 2012.
- “Inequality in national inter-generational transfers: Evidence from Colombia”
National Tax Association Annual Conference on Taxation, New Orleans, October 2011
- “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. February 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 August 15 y 16 del 2007.
- “Colombia and the Free Trade Agreement Negotiations with the United States” 10th 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.

Forums (Speaker)

- 2023 “FTA Colombia – Korea” in A common future: exploring the Pacific Alliance and the FTA between Colombia and Korea, organized by the Korean embassy in Colombia.
- 2023 “Competition in the Colombian Banking System” in the 11th Free Competition Forum organized by the Colombian Banking Association (Asobancaria) – Bogotá
- 2020 “Colombia Today: Peace, War and Protests” – Latin American, Caribbean and Iberian Studies Program – Universidad of Wisconsin, Madison.
- 2019 Third period: aging with attitude (Tercer Tiempo: Envejecer con Actitud). *Gimnasio Moderno School (Bogota – Colombia).*
- 2019 3rd Gender Colloquium: Economy of Care and the Use of Time. *Universidad de Antioquia – Economics (Medellín – Colombia)*
- 2018 International Seminar on Football and Economics – *Quito – Ecuador.*
- 2018 (Roundtable). Implicit and explicit subsidies and extreme urban congestion. *Universidad de Los Andes - Bogotá.*
- 2016 (Roundtable). Competition issues in Colombia. *Universidad de Los Andes - Bogotá.*
- 2013 Opportunities and Challenges for 4G technology in Colombia. *Foro 4G; 29 January, Bogotá.*
- 2012 Access to Housing for the Middle Class: Savings Capacity. *IV Foro de Vivienda Asobancaria; November 30th, Bogotá.* (Joint with Miguel Urrutia).
- 2011 The Potential of Housing Policy in Colombia. *III Foro de Vivienda Asobancaria; December 2nd, Bogotá.* (Joint with Alejandro Gaviria).
- 2009 The availability of land for low-income housing in Bogota: The North Zonal Plan and Housing Prices. *I Foro de Vivienda Asobancaria; December 3rd, Bogotá.* (Joint with Ana María Ibañez).

Fellowships and Awards

- 2023 Funding by BetPlay Colombia to support the First Latin American Sports Economics Conference held in Bogota, October, 2023.
- 2023 Joe Arbena Latin American Sport History Grant. Joint with Andrés Álvarez.
- 2020 *Tinker Visiting Professor Fellowship*, to visit and teach at LACIS - Economics Department, University of Wisconsin, Madison.

- 2015 Centre for Drug and Crime Studies (Los Andes University) grant for the study “Green crime: How vegetation impacts urban crime.” Joint with Fernando Carriazo.
- 2014 International Development Research Center (IDRC) grant for the study of the project “Counting women’s work: The gendered economy in the market and at home.” Joint with Piedad Urdinola.
- 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.

Other

- Organizer: First Latin American Sports Economics Conference – Bogota, October 19-20, 2023.
 - Six in person foreign presenters, two online foreign presenters and six Colombian presenters.
 - Funded by BetPlay and Thinkers of the World Fund (Universidad de Los Andes).
- Affiliations
 - American Economic Association
 - European Sports Economic Association
 - North American Association of Sports Economists
- Columnist on football/soccer topics for Colombian daily newspaper *El Espectador* starting June 2014 - present day. Link: <http://www.elespectador.com/opinion/jorge-tovar>
- www.golyfutbol.com