

# Gustavo Canavire Bacarreza

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## Research and Policy Interest

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Labor Economics, Applied Econometrics, Poverty and Inequality, Public Finance, Program Evaluation, Applied Macroeconomics

## Education

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<b>Georgia State University</b>	Atlanta, GA
Ph.D., Economics	2011
M.A., Economics	2007
<b>Institut für Weltwirtschaft an der Universität Kiel</b>	Kiel, Germany
Advanced Studies Certificate, International Economics and Policy Research	2005
<b>Universidad Católica Boliviana</b>	La Paz, Bolivia
B.Sc. (Licenciatura), Economics	2001

## Current Appointments

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<b>World Bank</b>	Washington, DC
Senior Economist, Poverty and Equity Latin America	June, 2022 - Current
<b>Universidad Privada Boliviana</b>	La Paz, Bolivia
Affiliated Professor	Jan, 2020 - Current

## Affiliations

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<b>Bolivian Academy of Economic Sciences</b>	La Paz, Bolivia
Numbered Member (Miembro de Numero)	Sept, 2020 - Current
<b>IZA – Institute for Study of Labor</b>	Bonn, Germany
Research Fellow	Jan, 2008 - Current
<b>Georgia State University - ICEPP</b>	Atlanta, GA
Senior Research Associate (Affiliated)	Jan, 2020 - Current
<b>Global Labor Organization - GLO</b>	Bonn, Germany
Research Fellow	Feb, 2017 - Current

## Policy and Research Experience

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<b>World Bank</b>	Washington, DC
Economist Poverty and Equity Latin America Region	Jan, 2020 - June, 2022
<b>Inter-American Development Bank</b>	Washington, DC
Senior Regional Research Economist for the Andean Region	Feb, 2018 - Jan, 2020
<b>Universidad EAFIT</b>	Medellin, Colombia
Director, Center for Research on Economics and Finance	Aug, 2012 - Jan, 2018
Full Professor, Department of Economics	Aug, 2013 - Jan, 2018
Assistant Professor, Department of Economics	Aug, 2012 - Aug, 2013

<b>Georgia State University - International Center for Public Policy</b>	Atlanta, GA
Research Associate	Aug, 2010 - Aug, 2012
Research Assistant	Aug, 2006 - Aug, 2010
<b>Federal Reserve Bank of Atlanta</b>	Atlanta, GA
Research Intern, Research Department	Aug, 2007 - Apr, 2011
<b>Economic and Social Policy Analysis Unit (UDAPE)</b>	La Paz, Bolivia
Economist for Education and Employment	Jul, 2005 - Jul, 2006
<b>World Bank</b>	La Paz, Bolivia
Short Term Consultant	Jan, 2004 - Jun, 2004
<b>Bolivian National Statistical Office (INE)</b>	La Paz, Bolivia
Analyst on Poverty and Employment	Apr, 2002 - Dec, 2003

## Visiting and Service

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<b>Latin American and Caribbean Economic Association - LACEA</b>	Washington, DC
Executive Committee Member	2018-2020
<b>Society of Bolivian Economists - SEBOL</b>	Washington, DC
Vice-President Elect	2015-2017
<b>Emory University, Economics Department</b>	Atlanta, GA
Visiting Scholar, Department of Economics	October, 2016
<b>Center for Operational Research and Econometrics - UCLouvain</b>	Louvain La-Neuve, Belgium
Visiting Scholar	June-July, 2016
<b>Federal Reserve Bank of Atlanta</b>	Atlanta, GA
Visiting Scholar, Research Department	Oct, 2014

## Consulting Experience

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<b>World Bank - Consultant</b>	
“Educational Mismatch in Peru and Bolivia”	Jun, 2008 - Jun, 2009
<b>Inter-American Development Bank - Consultant</b>	
“Estimating Personal Income Tax in Colombia and Bolivia”	Sept, 2017 - Feb, 2018
“Poverty, Middle class and conditional cash transfers programs”	Nov, 2012 - May, 2013
“Rural Girls Primary Education in Bolivia”	Apr, 2004 - Feb, 2005
<b>CAF - Latin American Development Bank - Consultant</b>	
“Infrastructure and Crime in Medellin”	Feb, 2016 - Dec, 2016
<b>United Nations - Consultant</b>	
“Strengthening Macroeconomic and Social Policy Coherence Through Integrated Macro-Micro Modeling”	Jun, 2014 - July, 2014
“Evaluation: Realizing the Millennium Development Goals Through Socially Inclusive Macroeconomic Policies”	Dec, 2010 - Feb, 2011

“Macroeconomic Policy, External Shocks and Social Protection and Poverty, Inequality, and Social Vulnerability in LAC” Nov, 2008 - Dec, 2009

**Colombian Government Institutions and Universidad EAFIT - Consultant**

Medellin City “Evaluating Gender Equity in Medellin” Sept, 2017 - Dec, 2017  
COMFAMA “Labor Market Volatility and Wage Mobility in Colombia” Apr, 2017 - Dec, 2017  
Antioquia Chamber of Commerce “Municipal Competitiveness Report” Nov, 2015 - Feb, 2017  
National Federation of Colombian “Crime and Smuggling” Nov, 2013 - Jun, 2015  
Antioquia Govt. “Evaluation of Early Childhood Programs” Nov, 2013 - Jun, 2015  
Medellin City “Evaluation of the Program Medellin” Jan, 2012 - Dec, 2012

## Research

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### Journal Publications: Labor, Poverty, and Development

[44] “Crime Variability, Peer Effects, and Economic Inequality in Social Networks” with Mateo Velasquez and Alex Lundberg in Journal of Economic Criminology Vol 1. (2023)

[43] “Will Elders Provide for their Grandchildren? Unconditional Cash Transfers and Educational Expenditures in Bolivia“ with Alberto Chong, Fernando Rios-Avila and Monica Yanez-Pagans Review of Development Economics Vol. 24. Issue 2 (2020)

[42] “Two Stories of Wage Dynamics in Latin America: Different Policies, Different Outcomes” with Luis Carlos Carvajal in Journal of Labor Research Vol. 41 (2020)

[41] “The Effect of Immigration on Labor Market Transitions of Native-Born Unemployed in the United States” with Fernando Rios-Avila in Journal of Labor Research Vol. 41. Issue 3, (2020)

[40] “Low Test Scores in Latin America: Poor Schools, Poor Families, or Something Else?” with Theodore Breton in Compare: A Journal of Comparative and International Education Vol 48. Issue 5 (2018)

[39] “Poverty reduction, the rise of the middle class and economic growth in Peru: a dynamic analysis” with Michael Jetter and Marcos Robles in Southern Economic Journal Vol. 84 Issue 4, (2018)

[38] “Unintended consequences of conservation: estimating the causal effect of protected areas on violence in Colombia” with Julian Diaz and Merlin Hanauer in Journal of Environmental Economics and Management Vol. 80 (2018)

[37] “Non-parametric analysis of poverty duration using repeated cross-section: An application for Latin American Countries” with Marcos Robles in Applied Economics , Vol. 49, (2017)

[36] “On the determinants of changes in wage inequality in Bolivia” with Fernando Rios-Avila in Journal of Human Development Capabilities Vol. 18 Issue 4, (2017)

[35] “Informality and Mobility in the Labor Market: An Analysis based on Repeated Cross-Sectional Household Survey Data” with Joaquin Urrego and Fabiola Saavedra in Latin American Journal of Economic Development Issue 27, (2017)

[34] “The Effect of Intimate Partner Violence on Labor Market Outcomes: Evidence from a Multi-Ethnic Developing Country” with Fernando Rios-Avila in International Journal of Social Economics Vol 144 Issue 1, (2017)

[33] “Implications of heterogeneous impacts of protected areas on deforestation and poverty” with Merlin Hanauer in Philosophical transactions of the royal society B Vol. 370 Issue 1681, (2015)

[32] “Higher education expansion and their effects on enrollment and migration: The Colombian Case” with Monica Ospina, Santiago Bohorquez and Daniel Cuartas in Revista Desarrollo y Sociedad Vol. 75, (2015)

[31] “More strictly protected areas are not necessarily more protective: evidence from Bolivia, Costa Rica, Indonesia, and Thailand” with Paul J. Ferraro, Daniela A. Miteva, Merlin Hanauer, Subhrendu K. Pattanayak and Katharine R. E. Sims in Environmental Research Letters Vol. 8 Issue 2, (2013)

[30] “Estimating the Impact of Protected Areas on Poverty in Bolivia” with Merlin Hanauer in World Development Vol. 41, (2013)

[29] “Financial Development and the Distribution of Income in Latin America and the Caribbean” with Felix Rioja in Well Being and Social Welfare Vol. 5 Issue. 1, (2009)

[28] “Unemployment Duration and Labor Mobility in Argentina: a socioeconomic-based pre- and post-crisis analysis” with Luis Lima in Latin American Journal of Economic Development Issue 12, (2009)

[27] “Unemployment Duration in Bolivia: Do the Schooling and Socio-demographic Factors Affect?” (In Spanish) with Fernando Landa in Revista de Analisis Económico, UDAPE Issue 21, (2006)

[26] Thesis to obtain “Licenciatura en Economía”. “The Impact of Public Investment on Poverty Reduction in Bolivia, a Counterfactual Micro-simulation Analysis” (in Spanish) in Latin-American Journal of Economic Development Vol. 1, (2003)

#### Journal Publications: [Applied Econometrics](#)

[25] “Recovering income distribution in the presence of interval-censored data” with Fernando Rios-Avila and Flavia Sacco Capurro in Journal of Economic Inequality (Forthcoming )

[24] “Outliers in Semi-Parametric Estimation of Treatment Effects” with Luis Castro Peñarrieta and Darwin Ugarte. in Econometrics Vol. 9. Issue 2 (2021)

[23] “Analysis of the offshoring network: Empirical evidence of the implied comparative advantage in offshoring” with Cristian Chica and Mery Tamayo in Journal of International Trade and Economic Development Vol. 30. Issue 1, The (2021)

[22] “Can Licensing Induce Productivity? Exploring the IPR Effect” with Luis Castro Peñarrieta in Empirical Economics Vol 61 (2021)

[21] “Survey Evidence on the Channels of Black Market Liquor Distribution in Colombia” with Alejandra Montoya and Alex Lundberg in Advances in Econometrics Vol 39 (2019)

[20] “Flexible Estimation of Demand Systems: A Copula Approach” with Mateo Velasquez-Giraldo, Kim P. Huynh and David T. Jacho-Chavez in Journal of Applied Econometrics Vol 33., Issue 7 (2018)

[19] “Standard Error Correction in Two-Stage Optimization Models: A Quasi-Maximum Likelihood Estimation Approach” with Fernando Rios-Avila in Stata Journal Vol. 18, Issue 1 (2018)

[18] “Can Intellectual Property Rights Affect Multinational Enterprises’ Entry Modes? The Chilean Case” with Luis Castro Peñarrieta in International Journal of the Economics of Business Vol.26., Issue 1 (2019)

#### Journal Publications: Public Finance and Applied Macroeconomics

[17] “The Effects of Crises on Fiscal and Political Re-Centralization” with Pablo Evia Salas and Jorge Martinez-Vazquez in Public Finance Review (Forthcoming)

[16] “When do tax amnesties work?” with Huascar Eguino, Soraya Roman and Lorena Heller in Journal of Economic Behavior and Organization Vol. 207 (2023)

[15] “Revisiting Tax Effort in Emerging Markets” with Osmel Manzano, Maria Cecilia Deza and Alejandro Puerta in Public Finance Review Vol. 49, Issue 6 (2021)

[14] “Identifying and Disentangling the Impact of Fiscal Decentralization on Economic Growth” with Jorge-Martinez and Bauyrzhan Yedgenov in World Development Vol.127, (2020)

[13] “The Fiscal Policy Response to Public Debt in Developing Countries” with Leanora Brown and Oronde Small in Contemporary Economic Policy Vol. 38, Issue 1 (2020)

[12] “Reexamining the Determinants of Fiscal Decentralization: What is the Role of Geography?” with Jorge Martinez in Journal of Economic Geography, Vol. 17, Issue 6 (2017)

[11] “Does Financial Development Promote Innovation in Developing Economies? an Empirical Analysis” with Maria Aristizabal and Maria Botero in Review of Development Economics Vol 21 Issue 3, (2017)

[10] “Intellectual property rights, foreign direct investment and economic freedom” with Antonio Saravia and Fernando Rios-Avila in Global Economy Journal Vol 13 Issue 1, (2017)

[9] “On the Effects of Commodities Prices on Sustainable Development: An Opportunity?” with Maria Aristizabal in Advances in Sustainability and Environmental Justice Vol 18, (2016)

[8] “Why Aid is Unpredictable: An empirical Analysis of the Gap between Actual and Planned Aid Flows” with Peter Nunnenkamp and Eric Neumayer in Journal of International Development Vol. 27 Issue 4, (2015)

[7] “Revisiting the effects of innovation on growth: A threshold Analysis” with Fernando Rios and Maria Aristizabal in Applied Economics Letters Vol. 22 Issue 18, (2015)

[6] “Fiscal transfers and property tax in Mexico” with Nicolas Zuniga in EconomiaUNAM Vol. 12 Issue 35 (2015)

[5] “Trade Strengthens Ties between China and Latin America” with Stephen Kay in EconSouth, Federal Reserve Bank of Atlanta Vol. 13, (2011)

[4] “Financial Crises and their impact on the productive sector in Bolivia” (in Spanish) with Katherina Capra in ”The debate on development and international integration” by Elizabeth Jimenez and Alfredo Seoane (editors) published by the Universidad Mayor de San Andres - La Paz Bolivia. (2009)

[3] “The Impact of Migration on Foreign Trade: A Developing Country Approach” with Laura Ehrlich. In ”Migrants and Markets: Perspectives from economics and the other social sciences” edited by Holger Kolb and Henrik Egbert. Amsterdam University Press (2008)

[2] “The Impact of Migration on Foreign Trade in Bolivia” with Laura Ehrlich in Latin-American Journal of Economic Development Issue 6, (2006)

[1] “Assessing the Allocation of Aid: Developmental Concerns and the Self-Interest Donors” with Peter Nunnenkamp, Rainer Thiele y Luis Triveño in Indian Economic Journal Vol. 54, (2006)

## Reports

[17] “Haiti’s Untapped Potential: An Assessment of the Barriers to Gender Equality” with Isis Gadis, Olive Nsababera, Paola Buitriago, Erin Fletcher, Marlen Cardona, Melissa Badio The World Bank (2023)

[16] “The Gradual Rise and Rapid Decline of the Middle Class in Latin America and the Caribbean” with Carolina Diaz-Bonilla, Laura Moreno Herrera, Giselle Del Carmen, Diana Sanchez Castro, Karen Barreto Herrera and Flavia Sacco Capurro. The World Bank (2021)

[15] “Living Conditions in Grenada: Poverty and Equity Update” with Flavia Sacco Capurro, Luis Recalde, Wilson Jimenez and Halim Brizan. The World Bank (2021)

[14] “Gender Assessment in Paraguay: Gaps and Barriers for Women (In Spanish)” with Gabriel Jara, Miriam Muller and Flavia Sacco Capurro. The World Bank (2021).

[13] “Gender Assessment in Paraguay: The transition from education to employment for women (In Spanish)” with Gabriel Jara, Miriam Muller and Flavia Sacco Capurro. The World Bank (2021).

[12] “Gender Assessment in Paraguay: Equalizing the Playing Field for Rural Women (In Spanish)” with Gabriel Jara, Miriam Muller and Flavia Sacco Capurro. The World Bank (2021).

[11] “Gender Assessment in Paraguay: Confronting Violence Against Women (In Spanish) with Gabriel Jara, Miriam Muller and Flavia Sacco Capurro. The World Bank (2021).

[10] “¿Como reimpulsar la reducción de la Pobreza y la Desigualdad en Bolivia? Oportunidades para eliminar fuentes de vulnerabilidad y construir resiliencia” with Maria Davalos, Julio Velasco, Javier Romero and Ronald Cueva. The World Bank (2020)

[9] “Behavioral economics and local tax administration: recent applications in Latin America” with Huascar Eguino, Soraya Roman and Simeon Sachtele Inter-American Development Bank (2021)

[8] “How to accelerate economic growth and strengthen the middle class: Bolivia ” with Javier Beverinotti and Nelson Chacon. Inter-American Development Bank (2020)

[7] “Bolivia” with Mirna Mariscal. In ”Economic Vulnerability, social protection and poverty in America Latina” Edited by Sanchez and Sauma. FLACSO-UNDESA. (Spanish) (2011)

[6] “Policies to Reach the Millennium Development Goals in Bolivia: Cost and Financing Scenarios based on a CGE model” with Wilson Jimenez and Mirna Mariscal UNDP-UDAPE. In ”Public Policies for Human Development: Achieving the Millennium Development Goals in Latin America” Edited by Vos, Ganuza, Lofgren, Sanchez and Diaz-Bonilla. Palgrave (2010)

[5] “Macroeconomic Policy, External Shocks and Social Protection System effects on Poverty, Inequality, and Social Vulnerability in Bolivia: A CGE analysis” (In Spanish) with Mirna Mariscal (UDAPE-Bolivia). UDAPE Editors (2010)

[4] “Poverty and Inequality on Bolivian Municipalities: Household Consumption Estimation, Combining Census 2001 and Household Surveys” (In Spanish) INE UDAPE-World Bank Editors (2003) Reprinted in 2004 and 2006 with Wilson Jimenez and Susana Lizarraga.

[3] “Social Expenditure and its Relation to Poverty and Equity in Bolivia” with Juan Carlos Requena (Document prepared by The World Bank – PSIA) (2004)

[2] “Poverty Profiles and Probability of Poverty” (In Spanish) in Revista Estadísticas y Análisis, INE Issue 2 , (2003)

[1] “Fiscal Surf and Turf: Peru’s efficiency and equity in revenue mobilization” with Jorge Martinez-Vazquez and Cristian Sepulveda. In “Decentralizing Revenue in Latin America: Why and How” Edited by Vicente Fretes Cibilibis and Teresa Ter-Minassian. Inter-American Development Bank. (2015)

### Papers in Preparation: Selection

[7] “ Efficiency in Poverty Reduction: A State-Level Analysis for Bolivia” with Javier Beverinotti and Alejandro Puerta

- [6] “Unraveling the Link Between Television and Fertility Rates in Post-WWII America” with Javier Romero Haaker and Fernando Rios-Avila
- [5] “Unlocking Economic Potential: The Power of Children Education in Enhancing Female Labor Force Participation” with Gunnar Poppe Yañez
- [4] “Breaking Barriers, Building Futures: Unleashing Economic Potential through Youth Employment in Bolivia” with Vincenzo di Maro and Fernando Landa
- [3] “The Effects of Management Practices on Effective Tax Rates: Evidence from Ecuador” with Javier Beverinotti, Maria Cecilia Deza and Lyliana Gayosso.
- [2] “Crime and Soccer” with Catalina Gomez-Toro and Joaquin Urrego
- [1] “Civil conflict reduced the impact of Colombia’s protected areas” with Merlin Hanauer

## Teaching Experience

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**Universidad Privada Boliviana** La Paz, Bolivia  
 Graduate Microeconomics (Micro-Theory) 2017, 2022, 2024

**Universidad EAFIT** Medellin, Colombia  
 Graduate Microeconomics (Micro-Theory) 2016, 2017  
 Graduate Impact Evaluation and Causal Inference 2013, 2014, 2015, 2016, 2017  
 Graduate Financial Econometrics (Department of Finance) 2013, 2015, 2016  
 Graduate Labor Economics 2013, 2014, 2015, 2017  
 Graduate Research Methods (Department of Finance) 2014, 2015  
 Undergraduate Principles of Microeconomics 2015  
 Undergraduate Advanced Microeconomics 2013

**Georgia State University, International Center for Public Policy** Atlanta, GA  
 Graduate Microeconomics (Micro-Theory) 2016, 2017  
 Corruption and Fiscal Decentralization Jun, 2012  
 Poverty and Fiscal decentralization Jun, 2011, Jun, 2012  
 Fiscal Revenue Forecasting Apr, 2011  
 Applied Econometrics. Cairo University Training project Aug, 2011  
 Program Evaluation for Public Policy Sep, Nov, 2011

## Thesis Advising and Mentorship

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**Universidad Mayor de San Andres** La Paz, Bolivia  
 B.A. Economics Ongoing  
 Jose Miguel Molina - M.A. student at Harvard University

**Universidad EAFIT** Medellin, Colombia  
 Ph.D.in Applied Mathematics Ongoing  
 Andres Perez

Masters in Economics (Students that went for Ph.D.)



Julian Diaz - Ph.D. Student at University of Illinois - Urbana Champaign	2020
Alejandro Puerta - Ph.D. Student at Universidad Carlos III	2020
Alejandra Montoya Ph.D. - Consultant at Bates White	2018
Mateo Velasquez Ph.D. - Federal Reserve Board	2018
Luis Carlos Carvajal Ph.D. - Consultant IADB	2018
Maria Aristizabal Ph.D.- Federal Reserve Board	2017
Joaquin Urrego Ph.D. - Post doc at Berkeley University	2016
Mateo Uribe Ph.D. - Assist. Prof. Universidad de Los Andes	2015

BA Economics: Supervised more than ten thesis

## Research Grants and Awards

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<b>Instituto Colombiano para la Evaluación de la Educación - ICFES</b>	Bogota, Colombia
“On the effect of Public Libraries on Test Scores”	2017
“Post-Secondary Education and Labor Markets in Colombia” with Monica Ospina and Fabiola Saavedra	2015
“Heterogeneous returns in post secondary education in Colombia” with Monica Ospina and Fabiola Saavedra	2014
“School Mobility in Colombia” with Monica Ospina and Fabiola Saavedra	2013
<b>Universidad EAFIT Internal Research Grant</b>	Medellin, Colombia
“Development of Evaluation tools”	2017
“Using Impact Evaluation for Public Policy”	2016
“Public Policy Evaluation”	2015
<b>Inter-American Development Bank</b>	Washington, DC
“Examining Poverty Duration and the Middle Class in LAC”	2012
“Subnational Revenue Mobilization in Peru” with Jorge Martinez-Vazquez and Cristian Sepulveda	2011
“Firm Formalization in Medellin, the case of Textiles” with Catalina Gomez	2013
<b>LAC Environmental Economics Program - LACEEP</b>	Washington, DC
“Examining the impact of protected areas on poverty in Bolivia” with Merlin Hanauer	2011
“Civil Conflict Reduced the Impact of Protected Areas” with Merlin Hanauer	2018
<b>Georgia State University</b>	Atlanta, GA
Best third year Ph.D. paper award	2009
Carol Keels scholarship	2010
<b>Hanns-Seidel Stiftung-Institute Fur Weltwirtschaft</b>	Kiel, Germany
Full scholarship for master’s program	2004-2005
<b>Universidad Catolica Boliviana</b>	La Paz, Bolivia

## Research Events Organization

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Various Hosts	Various Locations
Scientific Committee member of LACEA annual meetings.	2017 - 2023
Latin American Meetings of the Econometric Society (LAMES)	Medellin, Colombia
Co-Chair	2016
Latin American and Caribbean Economics Association (LACEA)	Medellin, Colombia
Chair	2016
Latin American and Caribbean Economics Association (LACEA)	Santa Cruz, Bolivia
Chair	2015
Annual Meeting of Risky Behaviors (IZA)	Medellin, Colombia
Local-Chair	2014
ALCAPONE 3rd ANNUAL MEETING	Medellin, Colombia
Local-Chair	2013
European Society for the History of Economic Thought	Medellin, Colombia
Local-Chair	2013

## Referee Service

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Journal of Development Economics, World Development, Journal of Public Economics, AEJ: Applied, Review of Development Economics, Journal of Population Economics, Applied Economics, IZA Journal of Labor Economics, Empirical Economics, Stata Journal, International Journal of Social Economics, Emerging Markets Finance and Trade, Latin American Journal of Economic Development, Environment and Development Economics, Comparative Political Studies.

## Academic Service at Universidad EAFIT

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University Research Committee	2013-2017
Recruiting Committee Department of Economics	2014, 2015, 2016, 2017
Recruiting Committee Department of Finance	2012, 2013, 2014, 2015, 2106, 2017
Masters in Economics Committee	2013-2018
Masters in Finance Committee	2013-2018
Doctoral Program Committee	2013-2018
Young Researchers support	2012-2018

## Languages and Software

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**Software:** Stata, R, GAMS, Eviews, LaTeX

**Languages:** Spanish (Native, English (Fluent), German and Portuguese (fair).