

GUSTAVO A. GARCÍA

Full Professor of Economics

School of Finance, Economics and Government and OMEGA Research Group,
Universidad EAFIT, Medellín, Colombia



EDUCATION

- 2013
|
2009 • **PhD in Economics**
Autonomous University of Barcelona  Spain

Thesis: [Essays on the Informal Sector in Developing Countries: The Colombian Case](#) - Excellent Cum Laude
- 2009
|
2007 • **MSc. Applied Economics**
Autonomous University of Barcelona  Spain
- 2008
|
2006 • **MSc. Applied Economics**
Universidad del Valle  Colombia
- 2004
|
1999 • **B.A. Economics (with honors)**
Universidad del Valle  Colombia



APPOINTMENTS

- 2020
|
2017 • **Associate Professor**
Department of Economics  Universidad EAFIT (Col)
- 2017
|
2016 • **Assistant Professor**
Department of Economics  Universidad EAFIT (Col)
- 2016
|
2015 • **Post-Doc Research Fellow**
Department of Economics  Universidad de los Andes (Col)
- 2015
|
2014 • **Lecturer**
Department of Economics  Universitat de Girona (Spain)
- 2014
|
2013 • **Consultant**
World Bank  Barcelona-Washington-Quito

Ecuador: Informality and the Labor Market. Final report: [English](#) - [Spanish](#)

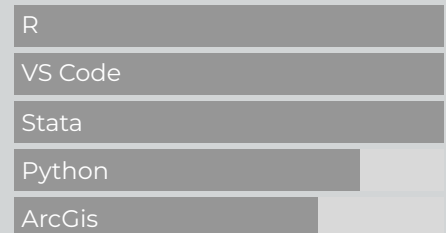
CONTACT

-  ggarci24@eafit.edu.co
-  gusgarciacruz@gmail.com
-  [X-twitter](#)
-  [Institutional website](#)
-  [Personal website](#)
-  [Github](#)
-  [IDEAS-RePEc](#)
-  [Google Scholar](#)
-  [Researchgate](#)
-  [Scopus](#)
-  [ORCID](#)
-  [CVLAC](#)
-  [CV-PDF](#)

RESEARCH INTERESTS

Urban and Regional Economics
Labor Economics
Spatial Analysis
Applied economics

LANGUAGE SKILLS



- 2013
|
2010
- **Graduate Research Assistant**
Department of Applied Economics 📍 Autonomous University of Barcelona (Spain)
- 2010
|
2004
- **Lecturer and Research Assistant**
Department of Economics - CIDSE 📍 Universidad del Valle (Col)

REFEREED JOURNAL ARTICLES

IN ENGLISH (17)

- 2025
- **Better or Worse Job Accessibility? Understanding Changes in Spatial Mismatch: Evidence from Medellín, Colombia**
Journal of Transport Geography, forthcoming. [Code and data](#) - [Working paper](#)
With Bernal, D., Pérez-Pérez, J.
- 2025
- **Minimum Wage Effects, Compliance and Firm Size in a Developing Economy. Evidence from Colombia**
The Developing Economies, forthcoming.
With Posso, C., Arango, S.
- 2024
- **Housing Informality and Labor Informality in Space: in Search of the Missing Links**
Applied Spatial Analysis and Policy, 17: 923–949. [Code and data](#)
With Badillo, E., Aristizábal, J.
- 2023
- **Inequality and Space in a Highly Unequal Country: What does the Literature tell us in the Context of Colombia?**
Regional Science Policy & Practice, 15(9): 2065-2087.
With Duque, J., Lozano-Gracia, N., Quiñones, M., Montoya, K.
- 2023
- **What Kind of Schools Parents Choose When They Have More Options? Effects of School Transport Subsidies**
Socio-Economic Planning Sciences, 87(A): 101509.
With Ramírez-Hassan, A., Saravia, E., Duque, JF., Londoño, D.
- 2023
- **Millennials and the Gender Wage Gap: Do Millennial Women Face a Glass Ceiling?**
Employee Relations, 45(2): 366-386. [Working paper](#)
With Gonzalez-Miranda, D. R., Gallo, G. and Roman-Calderon, J. P.
- 2021
- **Regional Economic Growth and Convergence: the Role of Institutions and Spillover Effects in Colombia**
Regional Science Policy & Practice, 13(4): 1146-1161.
With Aristizábal, J.M.

- 2020 ● **Decent Work and Healthy Employment: A Qualitative Case Study About Colombian Millennials**
International Journal of Workplace Health Management, 13(5): 477-495. [Working paper](#)
With Gallo, O., Gonzalez-Miranda, D. R. and Roman-Calderon, J. P.
- 2020 ● **Using Prism to Test a Motivation as a Mediator between Work-home and Turnover**
TPM-Testing, Psychometrics, Methodology in Applied Psychology, 27(2): 171-184
With Roman-Calderon, J. P., Gonzalez-Miranda, D. R., and Gallo, G.
- 2019 ● **Agglomeration Economies in the Presence of an Informal Sector. The Colombian Case**
Revue d'Économie Régionale et Urbaine, 2: 355-388. [Working paper](#)
- 2019 ● **Employee Involvement and Job Satisfaction: A Tale of the Millennial Generation**
Employee Relations, 41(3): 374-388. [Working paper](#)
With Gonzalez-Miranda, D. R., Gallo, G. and Roman-Calderon, J. P.
- 2019 ● **Colombian Millennials at the Workplace**
Evidence-based HRM, 7(3): 249-261
With Roman-Calderon, J. P., Gonzalez-Miranda, D. R., and Gallo, G.
- 2018 ● **Rationing of Formal Sector Jobs and Informality: The Colombian Case**
Journal of International Development, 30(5): 760-789
With Badillo, E.
- 2017 ● **Labor Informality: Choice or Sign of Segmentation? A Quantile Regression Approach at the Regional Level for Colombia**
Review of Development Economics, 21(4): 985-1017. [Working paper](#)
- 2016 ● **Intra-metropolitan Clustering of Formal and Informal Manufacturing Activity: Evidence from Cali, Colombia**
Tijdschrift Voor Economische en Sociale Geografie, 107(4): 389-406. [Working paper](#)
With Moreno-Monroy, A. I.
- 2015 ● **Job Search Channels, Neighborhood Effects and Wages Inequality in Developing Countries: The Colombian Case**
The Developing Economies, 53(2): 75-99. [Working Paper](#)
With Nicodemo, C.
- 2015 ● **Economic and Social Convergence in Colombia**
Regional Studies, 49(2): 219-239. [Working paper](#) - Data: [Description](#) - [Dataset](#)
With Royuela, V.



IN SPANISH (13)

- 2021 ● **Relaciones con la Organización y el Trabajo en los Millennials Colombianos**
Innovar, 31(80): 129-140
With Gallo, O., Gonzalez-Miranda, D. R. and Roman-Calderon, J. P.
- 2018 ● **Análisis Espacial de la Informalidad Laboral a Nivel Intra-Urbano**
Sociedad y Economía, 35: 9-31. [Working paper](#)
With Gallego, S. and Muñoz, E.
- 2014 ● **Distribución de la Renta y Ciclo Económico: España 2003-2011**
Investigaciones Regionales, 30: 53-77
With Raymond, J.L. and Roig, J.L.
- 2011 ● **Determinantes Macro y Efectos Locales de la Informalidad Laboral en Colombia**
Sociedad y Economía, 21: 69-98
- 2011 ● **La Participación Laboral de la Mujer Casada y su Cónyuge en Colombia: Un Enfoque de Decisiones Relacionadas**
Lecturas de Economía, 74: 171-201
With Castro, E. and Badillo, E.
- 2008 ● **Informalidad y Subempleo en Colombia: Dos Caras de la Misma Moneda**
Cuadernos de Administración, 21(37): 211-241
With Uribe, J.I. and Ortiz, C.H.
- 2008 ● **Informalidad Regional en Colombia. Evidencia y Determinantes**
Desarrollo y Sociedad, 61: 43-86
- 2007 ● **Informalidad y Subempleo: Un Modelo Probit Bivariado Aplicado al Valle del Cauca**
Sociedad y Economía, 13: 104-131
With Uribe, J.I. and Ortiz, C.H.
- 2007 ● **La Segmentación del Mercado Laboral Colombiano en la Década de los Noventa**
Revista de Economía Institucional, 9(16): 189-221
With Uribe, J.I. and Ortiz, C.H.
- 2007 ● **La Producción de Salud Infantil en Colombia: Una Aproximación**
Desarrollo y Sociedad, 59: 21-61
With Tovar, L.M.

- 2006 ● **El Entorno Regional y la Percepción del Estado de Salud en Colombia, 2003**
Lecturas de Economía, 65: 177-208
With Tovar, L.M.
- 2005 ● **El Componente Local de la Informalidad Laboral para las Diez Principales Áreas Metropolitanas de Colombia, 1988-2000**
Desarrollo y Sociedad, 56: 103-146
- 2005 ● **Modelación de la Volatilidad de los Rendimientos del Índice General de la Bolsa de Valores de Colombia IGBC**
OIKOS, 18: 21-61



BOOKS OR CHAPTER BOOKS (8)

- 2021 ● **Informal, más Desigualdad de Género? Diferencias Salariales por Género entre Empleos Formales e Informales en Colombia**
In Porras-Santanilla, L, Ramírez-Bustamante, N., [Mucho Camello, Poco Empleo. Por Qué el Trabajo de las Mujeres en Colombia es Escaso, Desvalorado y mal Remunerado](#), Universidad de los Andes, Bogotá. ISBN: 978-958-798-154-4
With Badillo, E., Delgado, L.
- 2019 ● **Quiénes son los Millennials Colombianos**
Universidad EAFIT, Medellín. ISBN: 978-958-720-612-8.
With Gonzalez-Miranda, D. R., Gallo, G. and Roman-Calderon, J. P.
- 2016 ● **Heterogeneidad Regional en las Diferencias por Género de las Tasas de Desempleo**
In Arango, L.E., Castellani, F., and Lora, E., [Desempleo Femenino en Colombia](#), Banco de la República, BID, Bogotá. ISBN: 978-958-664-342-9
With Duque, J. C., Herrera-Idárraga, P. and López-Bazo, E.
- 2016 ● **El Capital Humano en Europa**
In Parellada, M., Garrido, A., Costa, M. T. y Saromá, E., [La Economía Europea. Crecimiento, Competitividad y Mercados](#), Madrid-España. ISBN: 978-84-9104-112-2
With Raymond, J. L. and Roig, J. L.
- 2014 ● **Household Disposable Personal Income**
In Michalos AC (Ed.). Encyclopedia of Quality of Life and Well-Being Research. Springer, Dordrecht, Netherlands: Springer, pp 2945-2947. ISBN: 978-94-007-0752-8.
- 2011 ● **Es Rentable Educarse? Marco Conceptual y Principales Experiencias en los Contextos Español, Europeo y en Países Emergentes**
FUNCAS, Madrid-España. ISBN: 978-84-89116-70-2
With Raymond, J. L., Roig, J. L. and Gómez, L. M.

- 2010 ● **La Competitividad de las Empresas Industriales Catalanas y Españolas y Factores Condicionantes**
Centre DEconomia Industrial - UAB, Barcelona-España. ISBN: 978-84-935324-8-2.
With Gómez, L. M., Raymond, J. L. and Roig, J. L.
- 2007 ● **Segmentación de Escala y Segmentación Regional en el Mercado Laboral Urbano de Colombia 2000-2005**
In Zorro, C. editor, [El Desarrollo: Perspectivas y Dimensiones. Aportes Interdisciplinarios](#). CIDER, Universidad de los Andes, Bogotá. ISBN: 978-958-695-432-7.
With Ortiz, C. H., Uribe, J. I.



WORKING PAPERS

- 2022 ● **[Impacto de las Intervenciones Físicas en el Transporte Público en Medellín-Colombia](#)**
BID Working Paper, IDB-WP-1178, March.
With Ramírez-Hassan, A., Saravia, E., Vargas-Correa, R., Duque, J.F. and Londoño, R.
- 2022 ● **[Impacto del Programa de Subsidios en el Transporte Escolar en Medellín-Colombia](#)**
BID Working Paper, IDB-WP-1179, March.
With Ramírez-Hassan, A., Saravia, E., Vargas-Correa, R., Duque, J.F. and Londoño, R.
- 2020 ● **[Optimal Selection of the Number of Control Units in kNN Algorithm to Estimate Average Treatment Effects](#)**
arXiv:2008.06564, August.
With Ramírez-Hassan, A., Vargas-Correa, R. and Londoño, R.
- 2016 ● **[Agglomeration Economies in the Presence of an Informal Sector. The Colombian Case](#)**
Documento CEDE, No 15, May.
- 2015 ● **[Heterogeneidad Regional en las Diferencias por Género en las Tasas de Desempleo en Colombia](#)**
BID Working Paper, IDB-WP-596, April.
With Duque, J. C., Herrera-Idárraga, P. and López-Bazo, E.
- 2007 ● **[Exclusión Social en el Mercado Laboral del Valle del Cauca: Desempleo y Calidad del Empleo 2001 - 2006](#)**
UNDP Final Report by CIDSE-UNIVALLE, Regional Human Development Report for Valle del Cauca-Colombia.
Uribe, J. I., Ortiz, C. H. and Posso, C. M.



SCHOLARSHIPS AND AWARDS

- 2017 • **Extraordinary prizes of the PhD Program in Applied Economics, Course 2013-2014, Autonomous University of Barcelona, Spain**
- 2015 • **Postdoctoral Research Fellowship – ‘Es Tiempo de Volver’, Colciencias – Universidad de los Andes, Colombia.**
- 2015 • **Award for the best contribution, Spanish Association of Regional Science – AECR**
- 2013 • **The Luis Toharia Grant 1st edition, Spanish Association of Labor Economics Best paper – Young researcher**
- 2013
|
2010 • **Beca predoctoral per a la formació de personal investigador (FI – research fellowship). Catalan government scholarship for PhD studies**
- 2009
|
2007 • **Scholarship from the European Union Alban High Level Scholarship Programme for Master Studies in Applied Economics at Autonomous University of Barcelona, Spain**
- 2007
|
2006 • **Teaching assistant fellowship from Economics Department, Universidad del Valle, Colombia**
- 2006
|
2005 • **Scholarship from COLCIENCIAS (Colombian Institute for the Development of Science and Technology), program Young Researcher 2004, Colombia**
- 2005
|
2004 • **Scholarship from Economics Department for Master Studies in Applied Economics at Universidad del Valle, Colombia**



CONFERENCES AND SEMINARS



INVITED SEMINARS

- 2021 • **Seminar at Universidad Javeriana**
6 October  Bogotá, Colombia (Online)
- 2021 • **Seminar at Universidad ICESI**
25 February  Cali, Colombia (Online)

2021	●	Seminar Banco de la República 19 March	📍 Medellín, Colombia (Online)
2019	●	Seminario Internacional de Primavera: Prospectiva multidimensional, de América Latina frente a las dinámicas globales en curso 6 - 8 March	📍 UNAM, Ciudad de México, México
2019	●	Seminar Banco de la República 5 April	📍 Medellín, Colombia
2018	●	Simposio “Mujeres trabajadoras: diez años de investigación en Colombia” 10 - 11 December	📍 U Rosario-UAndes, Bogotá, Colombia
2018	●	4to Seminario de Economía Aplicada 26 November	📍 Universidad de Medellín, Medellín, Colombia
2018	●	Seminar at Universidad de Antioquia 24 October	📍 Medellín, Colombia
2018	●	Seminar at Pontificia Universidad Javeriana 3 October	📍 Bogotá, Colombia
2018	●	Seminar at Universidad ICESI 26 April	📍 Cali, Colombia
2017	●	Seminario sobre Mercado Laboral con Énfasis Regional: Aspectos de Corto y Largo Plazos 30 August	📍 Bucaramanga, Colombia
2017	●	Seminar at Universidad EAFIT 19 May	📍 Medellín, Colombia
2016	●	Seminar at Universidad del Valle 14 October	📍 Cali, Colombia
2016	●	Seminar CEDE at Universidad de los Andes 17 March	📍 Bogotá, Colombia
2015	●	Seminar at Universidad EAFIT 25 November	📍 Medellín, Colombia
2015	●	Seminar at the Pontificia Universidad Javeriana 22 January	📍 Cali, Colombia
2015	●	Seminar at the Universidad ICESI 9 January	📍 Cali, Colombia

2014 ● **Seminar at Universidad del Valle**
15 May  Cali, Colombia



CONFERENCES

2024 ● **Latin American and Caribbean Economic Association (LACEA) meeting**
14-16 November  Montevideo, Uruguay

2024 ● **Congreso Anual de la Red Investigadores de Economía 2024**
6-8 November  Barranquilla, Colombia

2023 ● **20th World Congress International Economic Association**
11-15 December  Medellín, Colombia

2022 ● **Congreso Anual de la Red Investigadores de Economía 2022**
1-2 December  Cali, Colombia

2022 ● **XIV Encuentro Nacional de la Asociación Colombiana de Estudios Regionales y Urbanos - ASCER**
24-26 November  Barranquilla, Colombia

2021 ● **XIII Encuentro Nacional de la Asociación Colombiana de Estudios Regionales y Urbanos - ASCER**
17-20 November  Online

2021 ● **15th North American Meeting of the Urban Economics Association**
14-16 October  Online

2021 ● **Congreso Anual de la Red Investigadores de Economía 2021**
7-8 October  Banrep-Universidad EAFIT (Online)

2021 ● **XV World Conference of Spatial Econometrics Association (SEA 2021)**
26-28 May  Tokyo, Japan (Online)

2019 ● **66th Annual North American Meetings of the Regional Science Association International (NARSC)**
13-17 November  Pittsburgh-Pennsylvania, US

2018 ● **Latin American and Caribbean Economic Association (LACEA) meeting**
8-10 November  Guayaquil, Ecuador

2018 ● **XI Encuentro Nacional y III Internacional de la Asociación Colombiana de Estudios Regionales y Urbanos - ASCER**
25-26 October  Cali, Colombia

2018 ● **The Economics of Informality Conference 2018**
28-29 May  Bogotá, Colombia

2017	● XII Jornadas de Economía Laboral 5-7 July	📍 Valladolid, Spain
2016	● Latin American and Caribbean Economic Association (LACEA) meeting 10-12 November	📍 Medellín, Colombia
2016	● 5 Congreso de Economía Colombiana 29-30 September	📍 Universidad de los Andes, Bogotá, Colombia
2016	● I Network en Microeconomía - AFADECO 30 March	📍 Cali, Colombia
2015	● 62nd Annual North American Meetings of the Regional Science Association International (NARSC) 11-14 November	📍 Portland-Oregon, US
2015	● Latin American and Caribbean Economic Association (LACEA) meeting 15-17 October	📍 Santa Cruz, Bolivia
2015	● 36th International Working Party on Labour Market Segmentation (IWPLMS) 22-24 June	📍 Athens, Greece
2014	● XL Reunión de Estudios Regionales 20-21 November	📍 Zaragoza, Spain
2014	● Proyecto BID - Banco de la República: Desempleo Estructural Femenino y Heterogeneidad Regional, II Seminario 12-13 May	📍 Bogotá, Colombia
2014	● Workshop on Labor Informality and Labor Market - World Bank LAC 11 March	📍 Quito, Ecuador
2013	● 8th IZA/World Bank Conference on Employment and Development 22-23 August	📍 Bonn, Germany
2013	● X Jornadas de Economía Laboral 11-12 July	📍 Madrid, Spain
2013	● XVI Encuentros de Economía Aplicada 6-7 June	📍 Granada, Spain
2013	● 16th IZA European Summer School in Labor Economics 13-19 May	📍 Buch/Ammersee, Germany
2012	● XXXVII Reunión de Estudios Regionales 23-26 July	📍 Bilbao, Spain

- 2012 ● **7th Annual International Symposium on Economic Theory, Policy and Applications**
23-26 July 📍 Athens, Greece
- 2012 ● **XV Encuentros de Economía Aplicada**
7-8 June 📍 A Coruña, Spain
- 2011 ● **XIV Encuentros de Economía Aplicada**
2-3 June 📍 Huelva, Spain
- 2010 ● **XIII Encuentros de Economía Aplicada**
10-11 June 📍 Sevilla, Spain
- 2010 ● **50th ERSA Conference**
19-23 August 📍 Jonkoping, Sweden
- 2010 ● **III Conferencia Anual IREA i Workshop Intern**
4 February 📍 University of Barcelona, Barcelona, Spain
- 2009 ● **3rd Alban Conference**
19-20 June 📍 Oporto, Portugal
- 2005 ● **Seminario Regional de Coyuntura Política, Laboral y Sindical**
3 March 📍 Cali, Colombia
- 2004 ● **IX Congreso Latinoamericano y XIX Nacional de Estudiantes de Economía**
21-25 September 📍 Cali, Colombia



ADDITIONAL ACADEMIC TRAINING

- 2018 ● **Global School in Empirical Research Methods GSERM 2018: “Machine Learning with R - Introduction”**
3 - 7 December 📍 Universidad EAFIT, Medellín, Colombia

Prof. Lantz, Brett
- 2013 ● **16th IZA European Summer School in Labor Economics**
13-19 May 📍 Buch/Ammersee, Germany

Lectures: Jeffrey M. Wooldridge (Michigan State University and IZA), “Correlated Random Effects Panel Data Models”; Klaus F. Zimmermann (IZA and University of Bonn), “Migration and Ethnicity”
- 2010 ● **R Course**
November 📍 Universitat de Barcelona, Spain

Prof. Klaus Langohr (Universitat Politècnica de Catalunya)

- 2010 Seminar on Spatial Econometrics**
 April  Universitat de Barcelona, Spain
 Profs.: Giuseppe Arbia (University G. d'Annunzio) and Gianfranco Piras (Cornell University)
- 2009 Stata and R Course**
 September  Universidad Autónoma de Barcelona, Spain
 Profs.: Giuseppe De Luca (ISFOL) and Nicholas T. Longford (Pompeu Fabra University)
- 2007 Taller Sobre Evaluación de Impacto. Evaluando Impactos: De promesas a Evidencias**
 March  Paipa, Colombia
 Banco Mundial y Departamento Nacional de Planeación



TEACHING EXPERIENCE

- Current | 2021 Econometrics II**
 Undergraduate, 2021-I  Universidad EAFIT
- Current | 2019 Advanced econometrics II**
 Master and PhD in Economics, 2019-II  Universidad EAFIT
- 2023 | 2017 Econometrics for decision making**
 Master in Applied Economics, 2017-I  Universidad EAFIT
- 2020 | 2016 Econometrics I**
 Undergraduate, 2016-II  Universidad EAFIT
- 2018 Topics in Econometrics**
 Undergraduate, 2018-II  Universidad EAFIT
- 2017 Spatial Econometrics**
 PhD in Economics, 2018-II  Universidad EAFIT
- 2016 Topics in Geographical Economics**
 Master in Applied Economics, 2016-I  Universidad EAFIT
- 2016 Land Use, Public Transport and Density**
 PhD in Economics, 2016-I  Universidad de los Andes
- 2015 Topics in Urban and Regional Economics**
 Undergraduate, 2015-II  Universidad de los Andes
- 2015 | 2014 Labor Economics**
 Master's in Work, Labour Relations and Human Resources  Universitat de Girona

2013 2012	● Theory and Economic Structure (TA) Undergraduate	📍 Universitat Autònoma de Barcelona
2012 2011	● International Economics (TA) Undergraduate	📍 Universitat Autònoma de Barcelona
2007 2006	● Econometrics II Undergraduate, 2006-I and 2007-I	📍 Pontificia Universidad Javeriana Cali
2007	● Microeconomics Undergraduate, 2007-II	📍 Universidad Autónoma de Occidente Cali
2007 2004	● Applied Econometrics I: Microeconometrics and Microeconomics Undergraduate	📍 Universidad del Valle
2006	● Econometrics I (TA) Master in Applied Economics, 2006-II	📍 Universidad del Valle



REFeree ACTIVITIES

- International Labour Review (2024), Regional Science, Policy and Practice (2023, 2020), Journal of Transport Geography (2021), European Journal of Development Research (2021, 2018), Review of Income and Wealth (2020), Papers in Regional Science (2019), Economic Geography (2018), Journal of Economic Geography (2018), International Journal of Urban and Regional Research (2018), Revista de Economía Aplicada (2017)



LANGUAGES

- English: Fluent
- Spanish: Native



MEMBERSHIP PROFESSIONAL ASSOCIATIONS

- Regional Science Association International (RSAI), Asociación Española de Economía del Trabajo, LACEA

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Last updated on 2025-
07-01