

GUSTAVO A. GARCÍA

Full Professor

School of Finance, Economics and Government , Research in Spatial Economics - RiSE-group, and OMEGA Research Group, Universidad EAFIT, Medellín, Colombia

EDUCATION

2013 2009	● PhD in Economics Autonomous University of Barcelona Thesis: Essays on the Informal Sector in Developing Countries: The Colombian Case - Excellent Cum Laude	Spain
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 Ecuador: Informality and the Labor Market. Final report: English - Spanish	Barcelona-Washington-Quito

CONTACT

- ✉ ggarci24@eafit.edu.co
- ✉ gusgarciacruz@gmail.com
- 🐦 twitter
- 🏛 Institutional website
- 🏡 Personal website
- /github/ Github
- 💡 IDEAS-RePEc
- GOOGLE Scholar
- 👤 Researchgate
- (SCOPUS) 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)
 - **Lecturer and Research Assistant**
Department of Economics - CIDSE  Universidad del Valle (Col)
- 2010 | 2004

REFEREED JOURNAL ARTICLES

IN ENGLISH

- 2023
- **What Kind of Schools Parents Choose When They Have More Options? Effects of School Transport Subsidies**
Socio-Economic Planning Sciences, 101509
With Ramírez-Hassan, A., Saravia, E., Duque, JF., Londoño, D.
 - **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.
 - **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](#)
 - **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

- 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

- 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 ● **Quienes 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 - AEGR**
- 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  URosario-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

- 2022 ● Congreso Anual de la Red Investigadores de Economía 2022
1-2 December 📍 Cali, Colombia
- 2022 ● XIII 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 ● 66nd 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)
 - **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

2017 | ● Econometrics for decision making
Master in Applied Economics, 2017-I | 📍 Universidad EAFIT |
| Current

2019 | ● Advanced econometrics II
Master and PhD in Economics, 2019-II | 📍 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: Microeometrics and Microeconomics Undergraduate	📍 Universidad del Valle
2006	Econometrics I (TA) Master in Applied Economics, 2006-II	📍 Universidad del Valle

🌐 REFEREE ACTIVITIES

2021	Journal of Transport Geography, European Journal of Development Research
2020	Review of Income and Wealth, Regional Science, Policy and Practice
2019	Papers in Regional Science

- 2018
- Economic Geography, Journal of Economic Geography, European Journal of Development Research, International Journal of Urban and Regional Research
- 2017
- Revista de Economía Aplicada

LANGUAGES

- English: Fluent
- Spanish: Native

MEMBERSHIP PROFESSIONAL ASSOCIATIONS

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

This CV was made
with the R package
[pagedown](#)

Last updated on 2023-
03-29