

# GUSTAVO A. GARCÍA

Full Professor of Economics

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

## EDUCATION

2013   2009	● <b>PhD in Economics</b> Autonomous University of Barcelona  Thesis: Essays on the Informal Sector in Developing Countries: The Colombian Case - Excellent Cum Laude	Spain
2009   2007	● <b>MSc. Applied Economics</b> Autonomous University of Barcelona	Spain
2008   2006	● <b>MSc. Applied Economics</b> Universidad del Valle	Colombia
2004   1999	● <b>B.A. Economics (with honors)</b> Universidad del Valle	Colombia

## APPOINTMENTS

2020   2017	● <b>Associate Professor</b> Department of Economics	Universidad EAFIT (Col)
2017   2016	● <b>Assistant Professor</b> Department of Economics	Universidad EAFIT (Col)
2016   2015	● <b>Post-Doc Research Fellow</b> Department of Economics	Universidad de los Andes (Col)
2015   2014	● <b>Lecturer</b> Department of Economics	Universitat de Girona (Spain)
2014   2013	● <b>Consultant</b> World Bank  Ecuador: Informality and the Labor Market. Final report: <a href="#">English</a> - <a href="#">Spanish</a>	Barcelona-Washington-Quito

## CONTACT

- ✉ [ggarci24@eafit.edu.co](mailto:ggarci24@eafit.edu.co)
- ✉ [gusgarciacruz@gmail.com](mailto:gusgarciacruz@gmail.com)
- 𝕏 [X-twitter](#)
- 🏛 [Institutional website](#)
- 🏡 [Personal website](#)
- /github/ [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	<ul style="list-style-type: none"> <li>● <b>Graduate Research Assistant</b> Department of Applied Economics</li> </ul>	 Autonomous University of Barcelona (Spain)
2010   2004	<ul style="list-style-type: none"> <li>● <b>Lecturer and Research Assistant</b> Department of Economics - CIDSE</li> </ul>	 Universidad del Valle (Col)

## REFEREED JOURNAL ARTICLES

### IN ENGLISH (15)

- 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
- 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.
  - **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

- 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 • **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

Year	Event	Location
2015	● <b>62nd Annual North American Meetings of the Regional Science Association International (NARSC)</b> 11-14 November	📍 Portland-Oregon, US
2015	● <b>Latin American and Caribbean Economic Association (LACEA) meeting</b> 15-17 October	📍 Santa Cruz, Bolivia
2015	● <b>36th International Working Party on Labour Market Segmentation (IWPLMS)</b> 22-24 June	📍 Athens, Greece
2014	● <b>XL Reunión de Estudios Regionales</b> 20-21 November	📍 Zaragoza, Spain
2014	● <b>Proyecto BID - Banco de la República: Desempleo Estructural Femenino y Heterogeneidad Regional, II Seminario</b> 12-13 May	📍 Bogotá, Colombia
2014	● <b>Workshop on Labor Informality and Labor Market - World Bank LAC</b> 11 March	📍 Quito, Ecuador
2013	● <b>8th IZA/World Bank Conference on Employment and Development</b> 22-23 August	📍 Bonn, Germany
2013	● <b>X Jornadas de Economía Laboral</b> 11-12 July	📍 Madrid, Spain
2013	● <b>XVI Encuentros de Economía Aplicada</b> 6-7 June	📍 Granada, Spain
2013	● <b>16th IZA European Summer School in Labor Economics</b> 13-19 May	📍 Buch/Ammersee, Germany
2012	● <b>XXXVII Reunión de Estudios Regionales</b> 23-26 July	📍 Bilbao, Spain
2012	● <b>7th Annual International Symposium on Economic Theory, Policy and Applications</b> 23-26 July	📍 Athens, Greece
2012	● <b>XV Encuentros de Economía Aplicada</b> 7-8 June	📍 A Coruña, Spain
2011	● <b>XIV Encuentros de Economía Aplicada</b> 2-3 June	📍 Huelva, Spain
2010	● <b>XIII Encuentros de Economía Aplicada</b> 10-11 June	📍 Sevilla, Spain

- **50th ERSA Conference**  
19-23 August 📍 Jonkoping, Sweden
  - **III Conferencia Anual IREA i Workshop Intern**  
4 February 📍 University of Barcelona, Barcelona, Spain
  - **3rd Alban Conference**  
19-20 June 📍 Oporto, Portugal
  - **Seminario Regional de Coyuntura Política, Laboral y Sindical**  
3 March 📍 Cali, Colombia
  - **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	● <b>Econometrics II</b> Undergraduate, 2021-I	📍 Universidad EAFIT
Current   2019	● <b>Advanced econometrics II</b> Master and PhD in Economics, 2019-II	📍 Universidad EAFIT
2023   2017	● <b>Econometrics for decision making</b> Master in Applied Economics, 2017-I	📍 Universidad EAFIT
2020   2016	● <b>Econometrics I</b> Undergraduate, 2016-II	📍 Universidad EAFIT
2018	● <b>Topics in Econometrics</b> Undergraduate, 2018-II	📍 Universidad EAFIT
2017	● <b>Spatial Econometrics</b> PhD in Economics, 2018-II	📍 Universidad EAFIT
2016	● <b>Topics in Geographical Economics</b> Master in Applied Economics, 2016-I	📍 Universidad EAFIT
2016	● <b>Land Use, Public Transport and Density</b> PhD in Economics, 2016-I	📍 Universidad de los Andes
2015	● <b>Topics in Urban and Regional Economics</b> Undergraduate, 2015-II	📍 Universidad de los Andes
2015   2014	● <b>Labor Economics</b> Master's in Work, Labour Relations and Human Resources	📍 Universitat de Girona
2013   2012	● <b>Theory and Economic Structure (TA)</b> Undergraduate	📍 Universitat Autònoma de Barcelona
2012   2011	● <b>International Economics (TA)</b> Undergraduate	📍 Universitat Autònoma de Barcelona
2007   2006	● <b>Econometrics II</b> Undergraduate, 2006-I and 2007-I	📍 Pontificia Universidad Javeriana Cali
2007	● <b>Microeconomics</b> Undergraduate, 2007-II	📍 Universidad Autónoma de Occidente Cali
2007   2004	● <b>Applied Econometrics I: Microeconomics and Microeconomics</b> 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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2024-08-21