

# 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: 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
- PDF 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 (14)

- 2023 ● **Inequality and Space in a Highly Unequal Country: What does the Literature tell us in the Context of Colombia?**  
 Regional Science Policy & Practice, forthcoming  
 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, 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 ● **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  
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2007
- Scholarship from the European Union Alban High Level Scholarship Programme for Master Studies in Applied Economics at Autonomous University of Barcelona, Spain
- 2007  
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2006
- Teaching assistant fellowship from Economics Department, Universidad del Valle, Colombia
- 2006  
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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
  - 15th North American Meeting of the Urban Economics Association  
14-16 October  Online
  - Congreso Anual de la Red Investigadores de Economía 2021  
7-8 October  Banrep-Universidad EAFIT (Online)
  - 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
  - XI Encuentro Nacional y III Internacional de la Asociación Colombiana de Estudios Regionales y Urbanos - ASCER  
25-26 October  Cali, Colombia
  - The Economics of Informality Conference 2018  
28-29 May  Bogotá, Colombia
  - XII Jornadas de Economía Laboral  
5-7 July  Valladolid, Spain
- 2016
- Latin American and Caribbean Economic Association (LACEA) meeting  
10-12 November  Medellín, Colombia
  - 5 Congreso de Economía Colombiana  
29-30 September  Universidad de los Andes, Bogotá, Colombia
  - 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

- **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 Pol<sup>U+ooED</sup>tica, 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 | <ul style="list-style-type: none"><li>● <b>Global School in Empirical Research Methods GSERM 2018: “Machine Learning with R - Introduction”</b><br/>3 - 7 December<br/>Prof. Lantz, Brett</li></ul> | 📍 Universidad EAFIT, Medellín, Colombia   |
| 2013 | <ul style="list-style-type: none"><li>● <b>16th IZA European Summer School in Labor Economics</b><br/>13-19 May</li></ul>   | 📍 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 | <ul style="list-style-type: none"><li>● <b>R Course</b><br/>November</li></ul>  | 📍 Universitat de Barcelona, Spain   |
|      |   | Prof. Klaus Langohr (Universitat Politècnica de Catalunya)  |
| 2010 | <ul style="list-style-type: none"><li>● <b>Seminar on Spatial Econometrics</b><br/>April</li></ul>  | 📍 Universitat de Barcelona, Spain   |
|      |   | Profs.: Giuseppe Arbia (University G. d'Annunzio) and Gianfranco Piras (Cornell University)   |
| 2009 | <ul style="list-style-type: none"><li>● <b>Stata and R Course</b><br/>September</li></ul>   | 📍 Universidad Autònoma de Barcelona, Spain  |
|      |   | Profs.: Giuseppe De Luca (ISFOL) and Nicholas T. Longford (Pompeu Fabra University)   |
| 2007 | <ul style="list-style-type: none"><li>● <b>Taller Sobre Evaluación de Impacto. Evaluando Impactos: De promesas a Evidencias</b><br/>March</li></ul>   | 📍 Paipa, Colombia   |
|      |   | Banco Mundial y Departamento Nacional de Planeación   |



## TEACHING EXPERIENCE

Current   2021	● <b>Econometrics II</b> Undergraduate, 2021-I	📍 Universidad EAFIT
Current   2017	● <b>Econometrics for decision making</b> Master in Applied Economics, 2017-I	📍 Universidad EAFIT
Current   2019	● <b>Advanced econometrics II</b> Master and PhD in Economics, 2019-II	📍 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

2023

## 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**

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08-28