

# GUSTAVO A. GARCÍA

Associate Professor

Department of Economics and Research in Spatial Economics - RiSE-group,  
Universidad EAFIT, Medellín, Colombia

## EDUCATION

2013   2009	● <b>PhD in Economics</b> Autonomous University of Barcelona  Thesis: <i>Essays on the Informal Sector in Developing Countries: The Colombian Case</i> - 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

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
2013   2010	● <b>Graduate Research Assistant</b> Department of Applied Economics	📍 Autonomous University of Barcelona (Spain)
2010   2004	● <b>Lecturer and Research Assistant</b> Department of Economics - CIDSE	📍 Universidad del Valle (Col)

## CONTACT

- ✉ ggarci24@eafit.edu.co
- ✉ gusgarcia.cruz@gmail.com
- 🐦 twitter
- 🏛 Institutional website
- 🏡 Personal website
- 💡 IDEAS-RePEc
- 🇬 Google Scholar
- 👤 Researchgate
- 🎓 Scopus
- 👤 ORCID
- 👤 CvLAC
- 📄 CV-PDF

## RESEARCH INTERESTS

Urban and Regional Economics  
Labor Economics  
Spatial Analysis  
Applied economics

## LANGUAGE SKILLS



## REFEREED JOURNAL ARTICLES

### IN ENGLISH

- 2021 ● **Regional Economic Growth and Convergence: the Role of Institutions and Spillover Effects in Colombia**  
Regional Science Policy & Practice, forthcoming  
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

- 2021 ● **Relaciones con la Organización y el Trabajo en los Millennials Colombianos**  
Innovar, forthcoming  
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 Novante**  
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

- 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. 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 D`Economia 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

- 2020 ● **Millennials and the gender wage gap: Do millennial women face a glass ceiling?**  
Documentos de trabajo CIEF, No 20-20, September.  
With Gonzalez-Miranda, D. R., Gallo, G. and Roman-Calderon, J. P.
- 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  
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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 Alan 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  
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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 ICESI<br>25 February   | 📍 Cali, Colombia (Online)                     |
| 2021 | ● Seminar Banco de la República<br>19 March   | 📍 Medellín, Colombia (Online)                 |
| 2019 | ● Seminario Internacional de Primavera: Prospectiva multidimensional, de América Latina frente a las dinámicas globales en curso<br>6 - 8 March | 📍 UNAM, Ciudad de México, México              |
| 2019 | ● Seminar Banco de la República<br>5 April  | 📍 Medellín, Colombia                          |
| 2018 | ● Simposio “Mujeres trabajadoras: diez años de investigación en Colombia”<br>10 - 11 December   | 📍 URosario-UAndes, Bogotá, Colombia           |
| 2018 | ● 4to Seminario de Economía Aplicada<br>26 November   | 📍 Universidad de Medellín, Medellín, Colombia |
| 2018 | ● Seminar at Universidad de Antioquia<br>24 October   | 📍 Medellín, Colombia                          |
| 2018 | ● Seminar at Pontificia Universidad Javeriana<br>3 October  | 📍 Bogotá, Colombia                            |
| 2018 | ● Seminar at Universidad ICESI<br>26 April  | 📍 Cali, Colombia                              |
| 2017 | ● Seminario sobre Mercado Laboral con Énfasis Regional: Aspectos de Corto y Largo Plazos<br>30 August   | 📍 Bucaramanga, Colombia                       |
| 2017 | ● Seminar at Universidad EAFIT<br>19 May  | 📍 Medellín, Colombia                          |
| 2016 | ● Seminar at Universidad del Valle<br>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

- 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  
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	<ul style="list-style-type: none"><li>● <b>62nd Annual North American Meetings of the Regional Science Association International (NARSC)</b> 11-14 November</li></ul>	📍 Portland-Oregon, US
2015	<ul style="list-style-type: none"><li>● <b>Latin American and Caribbean Economic Association (LACEA) meeting</b> 15-17 October</li></ul>	📍 Santa Cruz, Bolivia
2015	<ul style="list-style-type: none"><li>● <b>36th International Working Party on Labour Market Segmentation (IWPLMS)</b> 22-24 June</li></ul>	📍 Athens, Greece
2014	<ul style="list-style-type: none"><li>● <b>XL Reunión de Estudios Regionales</b> 20-21 November</li></ul>	📍 Zaragoza, Spain
2014	<ul style="list-style-type: none"><li>● <b>Proyecto BID - Banco de la República: Desempleo Estructural Femenino y Heterogeneidad Regional, II Seminario</b> 12-13 May</li></ul>	📍 Bogotá, Colombia
2014	<ul style="list-style-type: none"><li>● <b>Workshop on Labor Informality and Labor Market - World Bank LAC</b> 11 March</li></ul>	📍 Quito, Ecuador
2013	<ul style="list-style-type: none"><li>● <b>8th IZA/World Bank Conference on Employment and Development</b> 22-23 August</li></ul>	📍 Bonn, Germany
2013	<ul style="list-style-type: none"><li>● <b>X Jornadas de Economía Laboral</b> 11-12 July</li></ul>	📍 Madrid, Spain
2013	<ul style="list-style-type: none"><li>● <b>XVI Encuentros de Economía Aplicada</b> 6-7 June</li></ul>	📍 Granada, Spain
2013	<ul style="list-style-type: none"><li>● <b>16th IZA European Summer School in Labor Economics</b> 13-19 May</li></ul>	📍 Buch/Ammersee, Germany
2012	<ul style="list-style-type: none"><li>● <b>XXXVII Reunión de Estudios Regionales</b> 23-26 July</li></ul>	📍 Bilbao, Spain
2012	<ul style="list-style-type: none"><li>● <b>7th Annual International Symposium on Economic Theory, Policy and Applications</b> 23-26 July</li></ul>	📍 Athens, Greece
2012	<ul style="list-style-type: none"><li>● <b>XV Encuentros de Economía Aplicada</b> 7-8 June</li></ul>	📍 A Coruña, Spain
2011	<ul style="list-style-type: none"><li>● <b>XIV Encuentros de Economía Aplicada</b> 2-3 June</li></ul>	📍 Huelva, Spain
2010	<ul style="list-style-type: none"><li>● <b>XIII Encuentros de Economía Aplicada</b> 10-11 June</li></ul>	📍 Sevilla, Spain

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|------|---|---|
| 2010 | ● <b>50th ERSA Conference</b><br>19-23 August   | 📍 Jonkoping, Sweden                         |
| 2010 | ● <b>III Conferencia Anual IREA i Workshop Intern</b><br>4 February                               | 📍 University of Barcelona, Barcelona, Spain |
| 2009 | ● <b>3rd Alban Conference</b><br>19-20 June   | 📍 Oporto, Portugal                          |
| 2005 | ● <b>Seminario Regional de Coyuntura Política, Laboral y Sindical</b><br>3 March                  | 📍 Cali, Colombia                            |
| 2004 | ● <b>IX Congreso Latinoamericano y XIX Nacional de Estudiantes de Economía</b><br>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/Ammertsee, 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   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     • **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

- 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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Last updated on 2021-05-27