

Dr. MARIA GARCIA-VEGA

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Contact data

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Education

December 2003 Ph. D. in Economics, Universidad Complutense de Madrid (Spain)

1999-2000: Ph.D. courses University of California Santa Cruz

1991-1996: Licenciatura in Economics and Business Administration (5 year programme). Universidad Carlos III de Madrid

Academic positions

2020- present: Associate professor of Economics, University of Nottingham

2012-2020: Assistant professor of Economics, University of Nottingham

2010- 2012: Research and Teaching Fellow, University of Nottingham

2003-2010: Teaching fellow, University Complutense of Madrid

2002-2003: Teaching fellow, University Carlos III of Madrid

Research interests

R&D Globalization; Economics of Innovation; Multinationals; International Economics.

Publications

Journal articles

1. “The Role of Public External Knowledge for Firm Innovativeness” with O. Vicente-Chirivella at *International Journal of Industrial Organization* (2024).

2. "R&D restructuring during the Great Recession and Young Firms", *International Journal of Industrial Organization*, 81 (2022), p.102819.
3. "Organization of R&D outsourcing: Asymmetric cross-effects between locations", *Journal of Economics & Management Strategy* (2021) Mar 10 (with E. Huergo).
4. "Labor market reform and innovation: Evidence from Spain", *Research Policy* 50(5), 104213 (2021) (with R. Kneller and J. Stiebale).
5. "Do university technology transfers increase firms' innovation?", *European Economic Review* 123 (2020): 103388 (with O. Vicente-Chirivella).
6. "The internationalisation of R&D and the knowledge production function", *International Journal of Industrial Organization* (2019) 63, 583-614 (with P. Hofmann and R. Kneller).
7. "The role of international and domestic R&D outsourcing for firm innovation" *Journal of Economic Behaviour & Organization* (2019) 157, 775-792 (with E. Huergo).
8. "Trust and Technology Transfers" *Journal of Economic Behaviour & Organization* (2017) 142, 92-104 (with E. Huergo).
9. "Volatility, financial constraints, and trade" *International Review of Economics and Finance* (2012) 21, 57-76 (with A. Guariglia and M. Spaliara).
10. "Determinants of international R&D outsourcing: The role of trade" *Review of Development Economics* (2011) 15(1), 93-107 (with E. Huergo).
11. "Does tenure in office affect regional growth? The role of public capital productivity". *Public Choice* (2011) 146(1), 75-92 (with J. Herce).
12. "Determinants of abandoning innovative activities: Evidence from Spanish firms" *Business Research Quarterly* (2010) 13(45), 69-91 (with A. López).
13. "Does technological diversification promote innovation? An empirical analysis for European firms" *Research Policy* (2006) 35, 230-246.
14. "Causes and effects of technological diversification" *Información Comercial Española* (2004) No. 814.
15. "Integration and growth in the EU: The role of trade" *Información Comercial Española* (2002) No. 796 (with J. Herce).

Contributions to books

16. "Multinationals' Technology Transfers and firms' performance" (2013) in *Globalisation, Trade and MNE*, MIT Press (with E. Huergo).

17. “Technology transfers by multinationals” *ICONO. Anuario sobre Ciencia, Tecnología e Innovación* (2011), Chapter 17 (with E. Huergo)

Publications (not peer-reviewed)

18. “R&D&I and firms’ internationalization: Introduction to the special issue” *Economía Política* (2018) 1(6) (Special issue on R&D internationalization) with E. Huergo

Submitted papers and work in progress

- “Is acquisition-FDI during an economic crisis detrimental for domestic innovation?” with A. Gupta and R. Kneller. GEP working paper 2023/03. Submitted
- “Professional management and firm innovation” with A. Lucena and O. Vicente-Chirivella
- “Robots and firms' labour search. The role of temporary work agencies" with P. Beneito, O. Vicente-Chirivella and G. Williemme – GEP working paper 2024/02. Close to submit
- “Understanding cooperation to contain a pandemic” with A. Arechar and Simon Gaechter- Close to submit
- “Artificial intelligence and innovation” with X. Deng, C. Li and R. Upward

Citations: 957 citations in Google scholar (September/2024)

Grants

- British Academy ESRC small grant. Period: 1/05/ 2024. End: 1/07/ 2025. £9,791.23. Role: IP
- “Innovation and firm strategies in a sustainable environment”. Ministerio de Ciencia e Innovación (Ref: PID2020-112984GB-C21) - Science and education ministry of Spain. Start: 1/9/2021. Ends: 31/8/2025. Amount: 85.305 euros. IP: Elena Huergo y Francisco Javier Velázquez (University Complutense of Madrid in Spain). Role: Collaborator
- "Digital, knowledge, innovation and internationalization strategies". Ministerio de Ciencia e Innovacion (MCIN/AEI/ 10.13039/501100011033) - Science and education ministry of Spain and by "ERDF a way of making Europe". Start: 01/09/2022. Ends: 31/08/2025. Amount: 107,448 euros. IP: Pilar Beneito (University of Valencia in Spain). Role: Collaborator.
- Grant from Spanish Ministry of Economy, Industry and Energy on project “Innovation,

productivity and firm strategies: Applications with microdata” (Ref: ECO2017-82445-R).
Period: 1/1/2018. Fin: 31/12/2020. Co-applicant, €41,140.

- Grant from Madrid regional government on project “Innovation capacity, competitiveness and accounting information” (INNCOMCON-CM) (Ref. S2015/HUM-3417). Period: From 01/01/2016 to 31/12/2018. Co-applicant, €199,644.
- Grant from the Spanish Ministry of Economics and Innovation on project “Innovation, productivity and competitiveness: Application con Firm level data” (Ref: ECO2014-52051-R). Period: From 01/01/2015 to 31/12/2017. Co-applicant, €48,000.
- Universidad Complutense, sabbatical grant (2005).
- EAP fellowship (exchange abroad program from University Complutense of Madrid) at the University of California Santa Cruz, September 1999-June 2000.
- Courses in Middlebury College (Vermont), Universidad Carlos III of Madrid, June 1995-August 1995.

Visiting positions and affiliations

- Visiting scholar, Briq institute (Bonn), September 2022-June 2023
- Affiliate of the Center of Productivity, Innovation and Competition GRIPICO at the University Complutense of Madrid.
- Visiting scholar, Department of Economics, Christchurch University; August 2012.
- Visiting scholar, Department of Economics, Hebrew University of Jerusalem; August 2010.
- Visiting scholar, Department of Economics, Nottingham University, 2005, 2006 and 2007.
- Visiting student, Department of Economics, University of California Santa Barbara, September 2001- December 2001.
- Visiting student, Department of Economics, University of California Santa Cruz, September 1999–June 2001.

Invited workshops, seminars and conferences

- V Conference KIIS-Knowledge, Innovation, and Internationalization Strategies, University of Valencia, November 2019
- Seminar Universitat de les Illes Balears, October 2019

- European Trade Study Group Meeting, Berne, September 2019
- 46th Annual Congress of the European Association for Research in Industrial Economics, Barcelona, August 2019.
- European Economic Association Meeting, Manchester, August 2019
- Conference on International Economics, Granada, June 2019.
- Workshop on innovation, competitiveness and accounting information, University Carlos III of Madrid, June 2019.
- 8th ZEW/MaCCI Conference on the Economics of Innovation and Patenting, Mannheim, May 2019.
- Royal Economic Society, Warwick, April 2019.
- IV Conference KIIS-Knowledge, Innovation, and Internationalization Strategies, University of Valencia, November 2018.
- 45th Annual Congress of the European Association for Research in Industrial Economics, Athens, August 2018.
- 44th Annual Congress of the European Association for Research in Industrial Economics, Maastricht, August 2017.
- III Conference KIIS-Knowledge, Innovation, and Internationalization Strategies, University of Valencia, November 2017.
- Ce2 Workshop, University of Warsaw, July 2017.
- 7th ZEW/MaCCI Conference on the Economics of Innovation and Patenting, Mannheim, May 2017.
- MaCCI Annual Conference, Mannheim, March 2017.
- II Conference KIIS-Knowledge, Innovation, and Internationalization Strategies, University of Valencia, November 2016.
- Royal Economic Society, Sussex, March 2016.
- European Trade Study Group Conference, Munich, September 2014.
- Invited seminar at the Business School Nottingham University October 2012.
- 39th Annual Congress of the European Association for Research in Industrial Economics, Rome, September 2012.
- 27th Annual Congress of the European Economic Association, Malaga, August 2012.
- Invited seminar at Christchurch University July 2012.

- ICTNET workshop “ICT, R&D and Intangibles – ICT Diffusion to the Economy” UCL, London, April 2012.
- CESifo Workshop on “Globalization, trade, FDI and the multinational firm”, Venice, July 2011.
- ZEW Conference on Comparative Analysis of Enterprise Data: Industry Dynamics, Firm Performance, and Worker Outcomes (CAED), Mannheim, May 2011.
- European Trade Study Group Conference, Lausanne, September 2010.
- 25th Annual Congress of the European Economic Association, Glasgow, August 2010.
- 37th Annual Congress of the European Association for Research in Industrial Economics, Istanbul, August 2010.
- International DIME Workshop. Firm Selection and Country Competitiveness, Nice, March 2010.
- CONCORD 2010 (Conference on Corporate R&D), Seville, March 2010.
- Workshop on “International trade, local spillover and productivity of firms”, Granada, February 2010.
- Invited seminar at Valencia University (Spain) January 2010.
- Workshop on “International Production”, Aachen, November 2009.
- European Trade Study Group Conference, Rome, September 2009.
- FIRB-RISC Conference “Research and Entrepreneurship in the Knowledge-Based Economy, Milan, September 2009.
- 24th Annual Congress of the European Economic Association, Barcelona, August 2009.
- XI Conference on International Economics, Barcelona June 2009.
- Strike (Science and Technology Research in a Knowledge-based Economy) Conference on Innovation, Competitiveness and Growth, Zagreb, November 2008.
- European Trade Study Group Conference, Warsaw, September 2008.
- Workshop in International Economics, Zaragoza, February 2008.
- European Trade Study Group Conference, Athens, September 2007.
- XXXII Simposio del Análisis Económico, Granada, December 2007.
- Conference on “Industrial and Technological Diversification”, Zaragoza, November 2007.
- CESifo Workshop on “The Economics of Aggregate Shocks in Heterogeneous Firm Models”, Venice, July 2007.

- European Trade Study Group Conference, Vienna, September 2006.
- 5th Journées d'économie publique Louis-André Gérard-Varet, Marseille, June 2006.
- XXXI Workshop on Regional Economics, Universidad de Alcalá de Henares, November 2005.
- II. Workshop on International Economics, Universidad de Castilla la Mancha, May 2004.
- XIX Workshop on Industrial Economics, Universidad Jaume I, Castellón, September 2003.
- VII ERC/METU International Conference in Economics, Middle East Technical University, Ankara, September 2003.
- VIII Jornadas de Economía Internacional- Universidad de Castilla la Mancha, June 2003.
- 5th ZEW Summer Workshop for Young Economist, Mannheim, June 2003.
- VII Workshop on Dynamic Macroeconomics, Universidad de Vigo, July 2002.
- Invited seminar at Universidad Carlos III, April 2002.
- XXVI Simposio de Análisis Económico- Universidad de Alicante, December 2001.
- VII Jornadas de Economía Internacional- Universidad de Málaga, June 2001.
- Invited seminar at University of California Santa Cruz, February 2001, and April 2001.

Teaching experience

- University of Nottingham, School of Economics:

Lectures:

Advanced Microeconomic Theory (2014-)

Advanced Trade and Policy Analysis (2014-)

Economic Integration II (2014-)

International Trade (2012 and 2013)

International Trade Policy (2012 and 2013)

Advanced Economics of International Trade I (2011)

Current Economics Issues (2011)

Tutorials: Dissertation brainstorming (from 2021); International Trade Policy (from 2011 to 2016), Advanced Economics of International Trade I (2010), Advanced Public Economics I (2011)

- Universidad Complutense de Madrid, Economics Department: “Intermediate

Microeconomics”, and “Advanced Microeconomics” from February 2003 to August 2010. Courses for both Economics and Business students.

- Course on “International Economics” (15 hours) for economists at the Spanish Ministry of Economics (“International Trade” division), November 2009.
- Teaching Fellow, Universidad Carlos III, Economics Department: “International Economics”, “Introduction to Microeconomics” and “Introduction to Mathematics”, February 2002-February 2003. Courses for both Economics and Business students.
- Teaching Fellow, Universidad Complutense, Economics Department: “Financial management”, January 2002. Course for Business students.
- Teaching assistant, University of California Santa Cruz: “Discrete Mathematics” and “Introduction to Computers”, January 2000-June 2001. Course for Computer Science students.

PhD Supervision

- Juan Rosas, 2020. Placement: University of Bio Bio (Chile)
- Mery Tamayo, co-supervising one of her PhD Chapters, 2012. Placement: School of Economics, University of Medellin (Colombia).
- Patricia Hoffmann, co-supervising one of her PhD Chapters, 2011. Placement: School of Economics Ruhr University Bochum (Germany).

External Examiner/Defense Committee

- External examiner for PhD thesis at University Complutense of Madrid of Segundo Camino Mogro (2024)
- External examiner for PhD thesis at Sheffield University of Jen-Chung Mei (2019)
- External examiner for PhD thesis at the University of Valencia of Jorge Rodriguez Moreno (2018)
- External examiner for Tel-Aviv University on a dissertation thesis titled “Optimal R&D Investment Incentives: The Case of the ICT Sector” by Naama Halevi- Davidov (2011)

University and professional experience

- Consultant for the World Bank, 2021
- External examiner officer, University of Leicester, 2020-2024

- Scientific Program Committee Royal Economic Society, 2018, 2019
- Admission officer MRes programme, 2023-
- Year one Director of Undergraduate Studies, School of Economics, University of Nottingham (2019-).
- Director of Graduate Diploma, School of Economics, University of Nottingham (2016-2018).
- Member of undergraduate teaching committee, School of Economics, University of Nottingham (2016-).
- Member of research committee. School of Economics, University of Nottingham (from 2012 to 2014).
- Liaison for Spanish studies. School of Economics, University of Nottingham (2011-).
- Undergraduate teaching committee. Department of Economics, University Complutense de Madrid (from 2007 to 2010).
- Service on advisory panels on firms' technological and industrial diversification (2010); Collaboration with the Engineering Department at the Universidad de Zaragoza (Spain). This project was financed by the Government of the region of Aragón (Spain). Director: Emilio Larrodé.

Referee

Guess editor for Special issue on "R&D&I and firms' internationalization" in *Economia Politica*
 Referee for: *American Economic Review: Insights*, *Annals of Regional Science*, *British Journal of Management*, *Economic Inquiry*, *Economics Letters*, *European Economic Review*, *Industrial Marketing Management*, *Journal of Development Economics*, *Journal of Evolutionary Economics*, *Journal of Industrial Economics*, *Journal of International Economics*, *International Journal of Industrial Organization*, *Research Policy*, *Technovation*, *World Economy*.

Languages

Spanish (native); English (fluent).