

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. "R&D restructuring during the Great Recession and Young Firms", *International Journal of Industrial Organization* (forthcoming).

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

Contributions to books

15. "Multinationals' Technology Transfers and firms' performance" (2013) in *Globalisation, Trade and MNE*, MIT Press (with E. Huergo).
16. "Technology transfers by multinationals" *ICONO. Anuario sobre Ciencia, Tecnología e Innovación* (2011), Chapter 17 (with E. Huergo)

Publications (not peer-reviewed)

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

Submitted papers and work in progress

- “The Role of Public External Knowledge for Firm Innovativeness” with O. Vicente-Chirivella (submitted).
- “Fire-sale FDI and firm performance: Evidence from Spain” with A. Gupta and R. Kneller
- “R&D outsourcing, innovation expenditures and market concentration” with A. Navas.
- “Family firms and firm innovation” with A. Lucena and O. Vicente-Chirivella
- “Technological diversification and innovation: A theoretical approach”
- “Artificial intelligence, innovation and the labor market”

Citations: 702 citations in Google scholar (05/01/2022)

Grants

- 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

- 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: 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 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-
- Scientific Program Committee Royal Economic Society, 2018, 2019
- Year one Director of Undergraduate Studies, School of Economics, University of Nottingham (2019-).
- Director of Graduate Diploma, School of Economics, University of Nottingham (2016-).
- 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

Guest 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).