

ISABEL ÁLVAREZ

Resume

MAY 2025

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PERSONAL CAREER

Personal Details

Full name: María Isabel Álvarez González

Date of birth: May 30, 1969

Nationality: Spanish

Gender: Female

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Address: Instituto Complutense de Estudios Internacionales, ICEI. Finca Mas Ferré, Edif. A. Campus de Somosaguas, 28223-Pozuelo de Alarcón, Madrid. Spain.

Degrees Held:

BA in Economics and Business, Universidad Autónoma de Madrid (1992).

Master on Science, Society and Technology, European Interuniversity Network (ESST), École Polytechnique Fédérale de Lausanne (1995).

PhD in Economics, Universidad Autónoma de Madrid (2003).

Present Position

Professor. Economics Department, Applied Economics Department, Complutense University-UCM (2022--).

Coordinator of the PhD Program on Innovation Studies, Complutense University of Madrid (2020--)

<https://www.ucm.es/isabelalvarez/>

<https://produccioncientifica.ucm.es/investigadores/141152/detalle>

Previous Appointments

Pre-doc researcher, Spanish National Research Council, CSIC (1996-1998).

Lecturer, Economics Department, Applied Economics Department, Complutense University-UCM (1998-2004).

Assistant professor, Economics Department, Applied Economics Department, Complutense University-UCM (2004-2008).

Doctor Professor, Economics Department, Applied Economics Department, Complutense University-UCM (2008-2010).

Associated Professor. Economics Department, Applied Economics Department, Complutense University-UCM (2010-2022).

Director. Instituto Complutense de Estudios Internacionales (Complutense Institute for International Studies), Universidad Complutense de Madrid (2016-2024)

Visiting posts:

Research Visit EU STRATA Program EC, Centre for Technology, Innovation and Culture, University of Oslo (December 2000).

Research Visit EU STRATA Program EC, Department of Economics, University of Reading, (July-September, 2001).

Research Associated in Weatherhead Center for International Affairs, Real Colegio Complutense Fellow, Harvard University, Cambridge (April-July, 2005).

Visiting Scholar in Rutgers Business School, Rutgers University. New Jersey (January-May, 2009) (24 Jan-24 Feb, 2012).

Visiting in Departamento de Economía Aplicada, Universidad de Talca, Chile (25 October - 6 November, 2015).

Visiting in Centro Interdisciplinario de Estudios en Ciencia, Tecnología e Innovación, Ministerio de Ciencia, Tecnología e Innovación Productiva, Argentina, Buenos Aires (1-21 June, 2015).

Visiting Institute for Research on Population, Consiglio Nazionale de la Recherche (CNR), Rome, Italy (29 Sept. – 12 October, 2022).

Visiting Centro International de Política Económica (CINPE), Universidad Nacional, Heredia, Costa Rica (1-30 November, 2022).

Visiting Seoul National University, Seoul, South Korea (1-30 November, 2023).

Visiting Universiti Malaya, Kuala Lumpur, Malaysia (20 January -20 February, 2024).

Languages:

Native Spanish

Advanced written and spoken English.

Advanced written and spoken French.

APPOINTMENTS IN PROFESSIONAL ASSOCIATIONS AND TO EDITORSHIPS

Member of the Executive Board, European International Business Association (December 2018 - December 2022).

President of the European International Business Association (December 2019 - December 2021).

Member of the Economic Advisory Council, Spanish Government, from July 2020.

Member of the editorial board of Business and Society Review (2021-

Member of the editorial board of Papeles de Europa (2022-

Member of the editorial board of Información Comercial Española Revista de Economía (2016-

RESEARCH OUTPUT

Selected Publications (Only in English)

1. Lee, K. Álvarez, I. Valarezo, A. (2025) Global value chains, structural change and growth dynamics in South Korea and Spain: Costs and benefits of globalization, Structural Change and Economic Dynamics, 74, 517-537
2. Álvarez, I., Berganza, J.C. Martín Machuca, C. (2025). “Foreign direct investment between Latin America and Spain”. Economic Bulletin - Banco de España, 2025/Q1, 05. <https://doi.org/10.53479/39378>
3. Álvarez I., Marín, R., Quirós, C. (2024) The dynamics of digital technologies in the strategies of MNEs. Industry and Innovation, 1–26. <https://doi.org/10.1080/13662716.2024.2432627>
4. Albis, N. Álvarez, I. Cantwell, J. (2024) Two-way knowledge spillovers in the presence of heterogeneous foreign subsidiaries: evidence from an emerging country, International Journal of Emerging Markets, 19(4): 895-920. <https://doi.org/10.1108/IJOEM-11-2021-1690>

5. Salazar, J.C. Castillo, Y. Álvarez I. (2023) Overcoming innovation barriers through collaboration in emerging countries: the case of Colombian manufacturing firms, Industry and Innovation.
<https://doi.org/10.1080/13662716.2023.2192684>
6. Álvarez, I. Castillo, Y. (2023) Gender Diversity, Innovation, and Open Innovation in the Caribbean Region, Inter-American Development Bank. IDB Technical Note 2695. <http://dx.doi.org/10.18235/0004853>
7. Daponte, A. León, G. Álvarez, I (2022) Technological sovereignty of the EU in advanced 5G mobile communications: an empirical approach” Telecommunications Policy, <https://doi.org/10.1016/j.telpol.2022.102459>
8. Medina, L. Álvarez, I. (2022) WHO invents what? Women’s participation in patenting activity in Spain. International Journal of Gender and Entrepreneurship. <https://doi.org/10.1108/IJGE-11-2021-0185>
9. Medina, L. Marín, R. Álvarez, I. (2022) Patterns of Collaboration for Technology Transfer in Spanish Universities. European Planning Studies, <https://doi.org/10.1080/09654313.2022.2033171>
10. Álvarez, I., Biurrun, A., Martín, V. (2021). The impact of COVID-19 on European global value chains: Some concerns about diversification and resilience. African Journal of Science, Technology, Innovation and Development, 1-16. <https://doi.org/10.1080/20421338.2021.1983928>
11. Albis, N. Álvarez, I. Garcia, A. (2021) The impact of external, internal, and dual relational embeddedness on the innovation performance of foreign subsidiaries: Evidence from a developing country. Journal of International Management 27 (2021), <https://doi.org/10.1016/j.intman.2021.100854>.
12. Álvarez, I. Natera, Jm., Suárez, D. (2020) “Science, technology and innovation policies looking backwards, forwards and beyond: Developmental challenges and opportunities for Ibero-America in the era of COVID-19”, Revista de Economía Mundial, 56, 115-133.
<http://dx.doi.org/10.33776/rem.v0i56>
13. Álvarez, I, Hernán Alejandro Morero, Pablo Arnaldo ORTIZ (2020) “Complementarities between knowledge sources for innovation: an analysis of production networks in Argentina”, Innovation and Development, 11(1) 25-47. On-line version 2020: DOI: <http://dx.doi.org/10.1080/2157930X.2020.1718344>
14. Álvarez, I., Torrecillas, C. (2020) “Interactive Learning Processes and Mergers and Acquisitions in National Systems of Innovation”, Transnational Corporations Review, 12(1), 63-81, DOI: <http://dx.doi.org/10.1080/19186444.2020.1735782>
15. Medina, L., Cano-Kollman, M., Álvarez, I. (2019) International Connectivity

in the generation of Information and Communication Technology (ICT) in Spain, Competitiveness Review, Vol.30(3), 355-371. DOI: <http://dx.doi.org/10.1108/CR-08-2019-0072>

16. Álvarez, I., Fairle, A. Martín, V., Medina, L. (2018) “Trade agreement between the European Union and Colombia and Peru. European Implementation Assessment. Research Paper -Part II. 26-111 European Parliamentary Research Service. Brussels. ISBN:978-92-846-3470-5. DOI: 10.2861/846773
17. Alvarez, I., Juan, M. Torrecillas, C. (2017) “Specificity and pervasiveness of dialogues in science, technology, and innovation policies in Spain”, Science and Public Policy Vol. 45 (3), 329–337,
18. Albis, N. Álvarez, I. (2017) “A comparative analysis of the innovation performance between foreign subsidiaries and owned domestic firms in Colombian manufacturing sector”, GCG Georgetown University-Universia, vol. 11, 2, pp 2- 41, 201
19. Alvarez, I., Di Caprio, D. Santos Arteaga, FJ. (2016) Technological assimilation and divergence in times of crisis, Technological and Economic Development, 22(2), 2016, 254-273. 2016
20. Álvarez, I. Marín, R., Santos-Arteaga, J., (2016) R&D internationalisation and the strategic relevance of the institutional framework in host locations, International Journal of Management and Decision Making, Vol. 15, Nos. 3-4, 215-231
21. Labra, R., Rock. J.A, Álvarez, I. (2016) Identifying the key factors of growth in natural resource-driven countries. A look from the knowledge-based economy, Ensayos sobre Política Económica, 34(73) 78-89.
22. Álvarez, I. Marín, R., Santos, J. (2015) Foreign direct investment entry modes, Development and technological spillovers, The Manchester School Journal 83(5), 568-603
23. Álvarez, I. , Labra, R. (2014) Technology Gap and Catching up in Economies Based on Natural Resources: The Case of Chile, Journal of Economics, Business and Management, 3(6), June
24. Álvarez, I. Marin, R. (2013) FDI and Technology as Levering Factors of Competitiveness in Developing Countries, Journal of International Management, vol. 19, 232-246.
25. Álvarez, I. Brandao, B., Natera. JM. (2013) Internationalization and technology in MERCOSUR countries, CEPAL Review 109, 27-39
26. Álvarez, I. , Torecillas, C. (2013) What does it matter about the home countries of emerging multinationals?. Discussion Paper of the Institute for international

Integration Studies. Trinity College Dublin, n° 434 (Sept 2013)

27. Álvarez, I., Cantwell, J. (2011) International Integration and Mandates of Innovative Subsidiaries in Spain, Institutions and Economies, Vol. 3(3), 415-443
28. Álvarez, I., Marin, R. Entry modes and national systems of innovation, Journal of International Management, 16 (4), 340-353 (2010)
29. Álvarez, I., Marin, R., Fonfria, A. The role of networking in the competitiveness of firms, Technological Forecasting & Social Change, 76, 410–421 (2009)
30. Marin, R., Alvarez, I. Technological effects of M&As in Spanish manufacturing, Industrial and Corporate Change, 18, 761-784 (2009)
31. Álvarez, I., Maldonado, G. Technology, foreign-owned firms and competitiveness in the middle-income countries, Scientific Annals of the "Alexandru Ioan Cuza", vol. LVI, 397-418 (2009)
32. Álvarez, I., Marin, R. FDI and developing economies: Changing the global scene, in Aidan O'Connor (Ed.) Managing, Trade, Economies and International Business, Palgrave Macmillan (2009)
33. Álvarez, I. Environment as a public good for development, Public Goods for Economic Development, United Nations Industrial Development Organization (UNIDO), contribution to Chapter 5 (2009).
34. Álvarez, I. Magaña, G. ICT and development: A New Indicator for International Comparisons, International Journal of Technology and Globalisation, vol.4(2),170-185 (2008).
35. Álvarez, I., Magaña, G. Technological Development in Middle Income Countries, in J. A. Alonso (coord.) Cooperation with Middle Income Countries, Ed. Complutense (2007).
36. Castellaci, F. Alvarez, I. Innovation, Diffusion and Cumulative Causation: Changes in the Spanish Growth Regime, 1960-2001, International Review of Applied Economics, vol. 20(2), 223-241 (2006)
37. Álvarez, I. Molero, J. Technology and the Generation of International Knowledge Spillovers: An Application to Spanish Manufacturing Firms, Research Policy, vol.34, 1440-1452 (2005)
38. Alvarez, I., Molero, J. The impact of multinational enterprises technological strategies on national systems of innovation: regularities and national differences in Cantwell, J. and Molero, J. Multinational Enterprises, Innovative Strategies and Systems of Innovation, Edward Elgar (2003).

PANELS, CONFERENCES AND ROUNDTABLES -BY INVITATION

Panelist at the Roundtable about the 4th International Conference of Financing for Development. Spanish Diplomacy School, Foreign Affairs Department. 5 May 2025.

Panelist at the Open Plenary Session of the STI Policy Week - Challenges of STI in Latin America and the Caribbean: 2030 perspective and beyond. Ministry of Foreign Affairs, Santo Domingo, Dominican Republic. 11 November 2024

Panelist at Young Scholars Initiative Workshop Alternative Approaches to Innovation in a Dynamic World. Debate around innovation in current times. Universidad Complutense de Madrid, 7-8 March 2024

Panelist at the Roundtable Derechos de la Mujer en la UE. Logros y retos ante las elecciones europeas 2024. European Parliament, March 4 2024

Panelist at the V Taller de la Red Temática CYTED PCTI-LALICS Políticas de Ciencia, Tecnología e Innovación orientada a la solución de problemas nacionales, UNAM, México DF, 5-7 December 2023

Chair of the Summer School Innovation and Catching-Up Along the Global Value Chains: Research Methods and New Approaches in International Business (Joint event EIBA-CATCHAIN EU Project), UIMP, Santander, 28 August-1 September 2023

Panelist at the First Conference on Micro-dynamics, Catching-Up and Global Value Chains, ICRIOS - Bocconi University - Milan, Italy, Nov 20-22, 2019.

Panelist at the Seminar: Science, Technology and Innovation for the fulfillment of the ODS in Iberoamerica, 2020.

Panelist at the Conference "Science and Technology in Spain", Debate organized by Fundación Alternativas, Residencia de Estudiantes, Madrid, 10 July 2019.

Panelist at the Conference Research and knowledge transfer survey, RedOTRI-CRUE Conference, 27 June 2019.

Panelist at the Conference "Science and Technology in Spain", organised by Fundación Alternativas, 25 January 2018.

Chair of the Track on Knowledge Management and Innovation for the European International Business Association (EIBA) Annual Conference in Milano in December 2017, and member of the Program Committee for the meeting.

Member of the Program Committee for the XVII Congreso Latino-Iberoamericano de Gestión Tecnológica ALTEC 2017. Gestión de la innovación para la competitividad: Sectores estratégicos, tecnologías emergentes y emprendimiento, in Mexico in October 2017.

Panelist at the Conference and Workshop: "Innovation in Ibero-America", organized by ICEI, SEGIB, the Ministry of Science and Technology (MINCYT) and the Universidad Nacional General Sarmiento (UNGS). Buenos Aires, Argentina, 4-6 December 2017.

Panelist at the Seminar: Brexit and University, Encuentros Complutense, October 2017, Madrid.

Panelist at the Analysis Group on Iberoamerica: I+D e innovación en Iberoamérica, Fundación Carolina, November 2017.

Chair of the Track on International Economics, Finance and Accounting for the Academy of International Business (AIB) Annual Conference in New Orleans in July 2016, and member of the Program Committee for the meeting.

Member of the Program Committee IGLP-Workshop, Institute for Global Law and Policy, Harvard University and ICEI-UCM, in Madrid in July 2016.

Panelist at the Seminar: Innovación en la industria alimentaria, Temuco, Chile, September 2016.

Panelist at the IGLP-Workshop, co-organized between ICEI and the Institute for Global Law and Policy, Harvard University, held in Madrid, July 2016.

Workshop: Inversión extranjera directa, capacidades tecnológicas y política pública, Centro Interdisciplinario de Estudios en Ciencia, Tecnología e Innovación, Ministerio de Ciencia, Tecnología e Innovación Productiva, Argentina, June 4th, 2015.

Workshop: Diálogo sobre el Plan de Ciencia y Tecnología de Andalucía y la Mejora de la movilidad de personal de investigación en formación entre Universidades y Empresas. Red temática para mejorar el diálogo entre las comunidades involucradas en las políticas de CTI, Centro Interdisciplinario de Estudios en Ciencia, Tecnología e Innovación, Ministerio de Ciencia, Tecnología e Innovación Productiva, Argentina, June 18th, 2015.

Panelist at the Workshop "Políticas Industriales para la Competitividad de España", Universidad Camilo José Cela, Madrid, March 2015.

Participant at the OEI Conference, Educación, Ciencia, Tecnología e Innovación. Buenos Aires, Nov. 2014.

Panelist at the AIB 2014 Conference, Academy of International Business 2014 Conference, Panel: Understanding Multinational-New Venture Ecosystems: Insights from Bangalore. Vancouver (Canada), July 2014.

Consultant in the External Evaluation of the Iberoamerica Science and Technology for Development Programme, Coordinator: José Antonio Alonso. Funded by the Secretary for Iberoamerican Cooperation (SECIB), 2002.

Member of the Organizing Committee for STRATA Consolidating Workshop: “Science and Technology Policies in Europe: new challenges, new responses”, Brussels (2002).

Participant in the STRATA Consolidating Workshop: “Science and Technology Policies in Europe: new challenges, new responses”, Brussels. Paper presented: “Multinational Enterprises and Systems of Innovation Assessment. Consequences for national and European S&T Policies” (2002).

International Conferences Organized:

47th European International Business Association (EIBA) Annual Conference Firms, Innovation and Location: Reshaping international business for sustainable development in the post-pandemic era, 10-12 December 2021.

Acted as Referee for Journals:

Research Policy, Technological Forecasting & Social Change, Industrial and Corporate Change, Journal of Technology Transfer, European Journal of Development Research, Journal of International Management, Journal of World Business, British Journal of Management, Journal of International Business Studies, International Business Review, Multinational Business Review, International Journal of Emerging Markets, Journal of International Business Policy, Californian Business Review, Revista de Economía Mundial, Regional Studies, Journal of Applied Economics, Regional Studies, Economics of Innovation and New Technology.

TEACHING AND ADMINISTRATION

Ph.D. Supervision:

Supervisor of ten completed Ph.D. dissertations, at the Complutense University of Madrid and Universidad Autónoma de Madrid.

1. “Mind the gap. A three-level approach to the relationship between technological change and inequality in a fragmented world”: Antonio Biurrun (UCM), Universidad Complutense de Madrid, 2024.
2. “Patrones y determinantes de la innovación abierta en economías emergentes: El caso de Colombia”: Yury Castillo (UCM), Universidad Complutense de Madrid, 2020.
3. “Generación de conocimiento y conectividad internacional en España. Un análisis a través de patentes”: Lisset Medina (UCM), Universidad Complutense de Madrid, 2020.

4. “Foreign subsidiaries, innovation and spillovers in the manufacturing industry in Colombia”: Nadia Albis. Universidad Autónoma de Madrid, 2017.
5. “Bienes de capital, flujos tecnológicos y cambio estructural: Los casos de Estados Unidos, Japón y Alemania, 1980-2005”: Ricardo Zárate, Universidad Complutense de Madrid, 2016.
6. “A knowledge economy approach for the development of countries based on natural resources. The case of Chile”: Romilio Labra. Universidad Autónoma de Madrid, 2014.
7. “Utilización del análisis de conjunto en la evaluación de las preferencias de incentivos a la innovación en las empresas manufactureras de la República Dominicana”: Victor Gómez Valenzuela. Universidad Autónoma de Madrid, 2014.
8. “New multinational enterprises. Internationalization and learning abroad effects”: Celia Torrecillas. Universidad de Jaen, 2014.
9. “Internacionalización y Sistema Nacional de Innovación argentino: una perspectiva de tramas productivas. Los casos automotriz y siderúrgico”: Hernán Alejandro Morero, Universidad Nacional de Córdoba. Argentina, 2013.
10. “Adquisiciones empresariales, innovación y tecnología. Un análisis de las manufacturas españolas”: Raquel Marín. Universidad Complutense de Madrid, 2012.

RESEARCH FUNDING AWARDS

Research Projects and Contracts (Selection)

La inversión directa latinoamericana en España. Consejo Empresarial Alianza por Iberoamérica. CEAPI. 2023

Consultant to the Inter-American Development Bank Competitiveness, Technology and Innovation Division: Quantitative research in innovation consultant. 2021-2022.

Consultant to the Inter-American Development Bank Competitiveness, Technology and Innovation Division. RG-E1776 – Impact of COVID-19 on the Private Sector in the Caribbean and Appropriate Reactivation Policy. 2021-2022.

Catching up along the global value chain, H2020-MSCA-RISE-2017. Coordinator: Franco Malerba. Coordinator of the Spanish institution: Isabel Alvarez.

Desigualdad digital en Iberoamérica. Retos en una Sociedad interconectada. Competitive Project Funded by Fundación Carolina & Telefónica. 2021. Coordinator: Isabel Álvarez.

Políticas de Ciencia, Tecnología e Innovación orientada a la solución de problemas nacionales. Programa Iberoamericano de Ciencia y Tecnología para el Desarrollo

(CYTED). 2020-2023.

“Firms and productive change in Spain”, Santander-Universidad Complutense de Madrid, 2019. Coordinator: Isabel Álvarez.

Consultant to the European Parliament, Trade Division: “Trade agreement between the European Union and Colombia and Peru”, European Implementation Assessment, Ex-Post Evaluation Unit, EPRS (2018/2010 (INI). Coordinator: Isabel Álvarez.

“Technological and innovation capacities in Spanish companies in the face of the challenge of industry 4.0.” Santander-Universidad Complutense de Madrid, 2017.

“Network for the policy dialogue between communities involved in Science, Technology and Innovation policies”, Funded by CYTED (Spanish-American Program on Science and Technology for Development). Coordinator: Gabriela Dutrénit (UNAM), for the Spanish team: Isabel Álvarez.

International firms, entry modes and innovation”, Coordinator: Isabel Álvarez Competitive Project Funded by Ministry of Science and Technology, 2010-2013.

“International Development Aid enhancing innovation in Latin American countries. Optimizing efficacy through prospective”, Coordinator: Isabel Álvarez. Competitive Project Funded by Fundación Carolina, 2012.

“Inequality: Mechanisms, effects and policies”, Coordinator: Maurizio Franzini (La Sapienza), Funded by VI EU Framework Programme, 2006-2008.

“Changes in Industrial Competitiveness as a Factor of Integration: Identifying Challenges of the Enlarged Single European Market” Coordinator: Prof. Krzysztof Szczygielski (Centre for Social and Economic Research, Warsaw). Funded by EU R&D Framework Program, 2002-2005.

“Integration of Macroeconomic and S&T Policies for Growth, Employment and Technology” Coordinator: Nick Von Tunzelman, Sussex University (UK). Funded by EU R&D Framework Program, 2000-2003.

“The Relationships between Technological Strategies of Multinational Companies and the National Systems of Innovation. Consequences for national and European S&T Policies” Coordinator: José Molero Zayas, STRATA Project. Funded by EU R&D Framework Program, 2000-2003.