

MERCEDES TERUEL CARRIZOSA

Universitat Rovira i Virgili
Faculty of Business and Economics
Department of Economics
Av. Universitat, 1
43204- Reus

e-mail: mercedes.teruel@urv.cat

web: [LINK](#)

<https://scholar.google.es/citations?user=DB52u0YAAAAJ&hl=ca>

ACADEMIC POSITIONS

2021 – Present: Coordinator of the Master in Entrepreneurship and Innovation, Universitat Rovira i Virgili.

2017-present: Director of the Chair for the Promotion of Firm Innovation, Universitat Rovira i Virgili

2012-present: Associate Professor of Economics, Dept. of Economics, Universitat Rovira i Virgili (2012-2021 Agregado, 2021-present Titular d'Universitat)

2018 – Present: Research fellow at the international project GUESS (Global University Entrepreneurial Spirit Students' Survey).

2005-2012: Lecturer, Department of Economics, Universitat Rovira i Virgili

2002-2005: Research Assistant, Department of Economics, Universitat Rovira i Virgili

EDUCATION

2006 – European PhD in Economics, Universitat Rovira i Virgili. PhD Thesis Title: “Firm growth, persistence and multiplicity of equilibria: an analysis of Spanish manufacturing and service industries”. Supervisor: Dr. Agustí Segarra Blasco.

2005 - MSc in Economics, University of Essex.

2001 – BA in Economics, Universitat Rovira i Virgili.

1999 - BA in Business Sciences, Universitat Rovira i Virgili.

ACADEMIC VISITS

2019: Short-Term Visitor. Sant'Anna School of Advanced Studies (Pisa)

2010: Short-Term Visitor. Evolutionary Economics Group, Max Planck Institute of Economics (Jena)

2008: Short-Term Visitor. Entrepreneurship, Growth and Public Policy Group, Max Planck Institute of Economics (Jena)

2005: Short-Term Visitor, University of Essex (Colchester)

OTHER POSITIONS

2017 – Present: Member of the Commission of Internationalisation

2013 – Present: Member of the executive board of Asociación Libre de Economía (ALdE)

2018 - 2022: Member of the patronage of the Foundation Universitat Rovira i Virgili.

2011 - 2017: Responsible for Bachelor in Economics, Universitat Rovira i Virgili.

2011 – Present: Member of the Commission of Homologation of foreign degrees

- 2010 - 2011: Secretary of Dean's Team, Universitat Rovira i Virgili.
- 2010 - Present: Member of Research Center of ECO-SOS (Previously called, Research Center of Industrial Economics and Public Economics)
- 2007 – Present: Member of GRIDE, competitive research group from Generalitat de Catalunya.
- 2006 – Present: Member of Xarxa de Referència d'R+D+I en Economia Aplicada, Departament d'Innovació, Universitats i Empresa (Generalitat de Catalunya)
- 2006 –2018: Member of University Senate, Universitat Rovira i Virgili
- 2002 – Present: Member of GRIT – Grup de Recerca d'Indústria i Territori
- 2017 – Present: Member of the Commission of Internationalization

COMPETITIVE PROJECTS

- 2023 – 2025 - HORIZON-EIE-2022-CONNECT-01-02, “*INTERCONNECTING 4 HELIX INNOVATION ECOSYSTEMS IN EUROPEAN REGIONS*”, European Commission & Research Executive Agency.
- 2021 – 2023 - H2020-IBA-SwafS-Support-2-2020, “*AURORA RI*”, NUMBER 101035804, European Commission & Research Executive Agency.
- 2015 - ECO2015-68061-R, “*La diversidad de género como determinante de la innovación: un análisis del impacto de la diversidad de género sobre la innovación empresarial*”, Ministry of Economics and Competitiveness, Spanish Government and European funds from FEDER.
- 2011 –ECO2011-13076-3 “The role of high-growth firms and innovation in regional development”, Ministerio de Ciencia e Innovación, Gobierno de España.
- 2010 - ARF1 0048 “La immigració a Catalunya i els seus efectes sobre els salaris i la productivitat en les empreses industrials”, Departament d'Innovació, Universitats i Empresa, Generalitat de Catalunya, 2010
- 2009 - CICYT ECO2009-08735ECON, “*Estructura de mercado y dinámica empresarial: Factores determinantes de la innovación empresarial en las manufacturas y los servicios españoles*”.
- 2004 - CICYT SEJ2004-07824/ECON “La dinámica empresarial: entornos urbanos, mercado de trabajo y modelización econométrica”.
- 2001 - CICYT SEC00-0882-2, “*Demografía Empresarial, Estructura de Mercado y Eficiencia: factores territoriales que inciden sobre la Supervivencia Empresarial*”.
- 2009 - Project “Internacionalització dels serveis : casos i perspectives a Catalunya”, Observatori dels Mercats Exteriors (CIDEM).
- 2008 - Project “La situació de la innovació, el desenvolupament empresarial i l'economia del coneixement a les comarques de Tarragona”, Diputació de Tarragona.

PARTICIPATION IN OTHER PROJECTS

- 2022- T22367S – “Estudi per a la realització d'una recerca sobre les possibilitats de creixements de la superfícies de vinya en la Denominació d'origen cava per al període 2022-2030”, Consell Regulador del Cava.
- 2021-2022 CT-EX2017D318324-103– “Analysis of High Growth Enterprises in the COVID19 crisis context”, European Commission Joint Research Center.

- 2020-2021 CT-EX2017D318324-102– “Study on High Growth Enterprises in the COVID19 crisis context”, European Commission Joint Research Center.
- 2019-2020 CT-EX2017D318324-101 – “Study on Innovative High Growth Enterprises”, European Commission Joint Research Center.
- 2019- T19064S – “Estudi per a la realització d’una recerca sobre les possibilitats de creixements de la superfícies de vinya en la Denominació d’origen cava”, Consell Regulador del Cava.
- 2018 – 2020 - Participation in GUESS project - coordination in Universitat Rovira i Virgili.
- 2016 – “La Universitat pública catalana i la seva incidència socio-econòmica: un anàlisi d’indicadors”, Associació Catalana d’Universitats Públiques
- 2016 – Estudi per a la relització d’una recerca sobre les possibilitats de creixements de la superfície de vinya en la denominació d’origen cava.
- 2015 - F15064N - XLI Reunión de estudios regionales – 41th International Conference on Regional Science. Fundació URV
- 2015 – T15034S Estratègies de creixement socio-econòmic per a la Ciutat de Valls: 2014-2020 (FUNDACIO URV). Institut Municipal de desenvolupament Local – VallsGenera.
- 2015 – T15321S – Estudio econométrico a través del panel de innovación tecnológica (PITEC). Fundación Española para la Ciencia y la Tecnología.
- 2012 - “Anàlisi Cost-Benefici del Corredor Mediterrani i les seves alternatives”, Diputació Provincial de Tarragona.
- 2012 - “La contribució social i econòmica de la URV sobre l’Entorn”, Autoritat Portuària de Tarragona.
- 2010 - Project “La contribució social i econòmica de la URV sobre l’Entorn”, Universitat Rovira i Virgili.
- 2010 - “LOGIS Penedès: impacte socioeconòmic sobre el Baix Penedès (Part II)”, CIMALSA.
- 2009 - “*El Sistema territorial d’innovació de la demarcació de Tarragona*”, Càtedra Universitat-empresa per al Foment de la Innovació Empresarial.
- 2009 - “Creixement i restriccions financeres a les empreses catalanes: 1998-2006”, Generalitat de Catalunya.
- 2009 - 2010: “Pla Estratègic de Reus i Agenda 21 de Reus”, Ajuntament de Reus.
- 2009 - “La A-68 y su conexión con el Mediterráneo: un estudio económico de sus alternativas”, Diputació de Tarragona.
- 2009 - “LOGIS Penedès: impacte socioeconòmic sobre el Baix Penedès”, CIMALSA.
- 2009 - “Diagnosi comarcal i estratègies a l’Alt Camp”, Fundació Ciutat de Valls.
- 2008 - “El finançament de la diputació de Tarragona via cesió de tributs estatals en el marc del paquet de finançament estatal. Anàlisi i propostes de canvi”, Diputació de Tarragona.
- 2007 - “Dinámica empresarial, creación de empleo y productividad en las manufacturas y los servicios españoles: un estudio a nivel de empresa”, Ministerio de Industria, Turismo y Comercio.
- 2007 - “El Pla Estratègic del Camp de Tarragona”, Generalitat de Catalunya.
- 2006 - “El Camp de Tarragona: realitat actual i propostes per a la planificació estratègica”, Universitat Rovira i Virgili.
- 2006 - “Diagnosi comarcal i estratègies a l’Alt Camp”, Fundació Ciutat de Valls.
- 2003 – “Diagnosi comarcal i estratègies a l’Alt Camp”, Fundació Ciutat de Valls.

PUBLICATIONS

- **Journals**

- 2024–Segarra-Blasco, A.; Teruel, M.; Tomàs-Porres, J. (2024): “Circular Economy and Public Policies: A Dynamic Analysis for European SMEs”, *Business Strategy and The Environment*, <https://doi.org/10.1002/bse.3674>.
- 2024 – Cattaruzzo, S.; Segarra-Blasco, A.; Teruel, M. (2024): “Firm-level contributions to the R&D intensity distribution: evidence and policy implications”, *Economics of Innovation and New Technology*, 33(1), 45-65.
- 2023 –Segarra-Blasco, A.; Teruel, M.; Cattaruzzo, S. (2022): “The international trade in human vaccines before COVID-19”, *World Economy*, <https://doi.org/10.1111/twec.13533>.
- 2023 –Teruel, M.; Amaral-García,S.; Bauer, P.; Coad, A.; Domnick, C.; Harasztosi, P.; Pál, R, (2023): “Productivity and HGEs: resilience and potential recovery from COVID-19 pandemic”, *Industry & Innovation*, 30(7), 895-918. doi.org/10.1080/13662716.2023.2236565
- 2023 – Díaz-Serrano, L.; Teruel, M. (2023): “Job-to-job transitions and the job satisfaction puzzle: a diff-in-diff analysis for eleven EU countries”, *Applied Economics*, 55(4), 5464-5483. doi.org/10.1080/00036846.2022.2139813
- 2023 –Coad, A.; Bauer, P.; Domnick, C.; Harasztosi, P.; Pál, R, Teruel, M. (2023): “From rapid decline to high growth: Where in the distribution did COVID hit hardest?”, *Journal of Small Business and Enterprise Development*, 13, 193-200. <https://doi.org/10.1007/s40821-022-00218-z>.
- 2023 –Coad, A.; Amaral-García,S.; Bauer, P.; Domnick, C.; Harasztosi, P.; Pál, R, Teruel, M. (2023): “Investment expectations by vulnerable European firms in times of COVID”, *Eurasian Business Review*, 13, 193-220. <https://doi.org/10.1007/s40821-022-00218-z>.
- 2023 –Teruel, M.; Soldevila, V.; Martin-Bofarull, M. (2023): “A forecast of Cava wine sales applied to vine planting authorizations”, *British Journal of Food*, 125(13), 1-15. <https://doi.org/10.1108/BFJ-12-2021-1286>.
- 2023 – Tomàs-Porres, J.; Segarra-Blasco, A.; Teruel, M. (2023): “Export and variability in the innovative status”, *Eurasian Business Review*, 13, 257-279. doi.org/10.1007/s40821-022-00232-1
- 2022 – Cattaruzzo, S.; Teruel, M. (2022): “On the heterogeneity of the long-term leverage-growth relationship: An analysis for European manufacturing firms”, *Structural Change and Economic Dynamics*, 62, 552-565. <https://doi.org/10.1016/j.strueco.2022.06.011>
- 2022 - Coad, A.; Domnick, C.; Flachenecker, F.; Harasztosi, P.; Janiri, M.L.; Pal, R.; Teruel, M. (2022). “Capacity constraints as a trigger for high-growth: Evidence and policy implications”, *Small Business Economics*, 59, 893-923.
- 2022 –Segarra-Blasco, A.; Teruel, M.; Cattaruzzo, S. (2022): “Innovation, productivity and learning induced by export across European manufacturing firms”, *Economics of Innovation and New Technology*, 31(5), 387-415. doi.org/10.1080/10438599.2020.1823673
- 2022 – Coll, E.; Jové, E.; Teruel, M. (2022): “The city of start-ups”, *Growth and Change*, 53 (2), 872-1007.

- 2022 - Teruel, M.; Coad, A.; Domnick, C.; Flachenecker, F.; Harasztosi, P.; Janiri, M.L.; Pal, R. (2022). "The born of new HGEs: internationalization through new digital technologies", *The Journal of Technology Transfer*, 47, 804-845. doi.org /10.1007/s10961-021-09861-6.
- 2022 –Teruel, M.; Segarra-Blasco, A. (2022): "Gender and occupational diversity of R&D teams and patents: An application to Spanish firms", *R&D Management*, 52(3), 517-529 <https://doi.org/10.1111/radm.12496>
- 2021 –Segarra-Blasco, A.; Teruel, M.; Cattaruzzo, S. (2021): "The economic reaction to non-pharmaceutical interventions during Covid-19", *Economic Analysis and Policy*, 72, 592-608. <https://doi.org/10.1016/j.eap.2021.10.006>.
- 2021 – Albiol-Sánchez, J.; Díaz-Serrano, L.; Teruel, M. (2021): "The Transition to Self-Employment and Perceived Skill-Mismatches: Panel Data Evidence from Eleven EU Countries", *Social Indicators Research*, 153, 957-977. doi.org/10.1007/s11205-020-02520-7.
- 2021 –Coad, A.; Segarra-Blasco, A.; Teruel, M. (2021): "A bit of basic, a bit of applied? R&D strategies and firm performance", 46, 1758–1783. *The Journal of Technology Transfer*, 46, 1758-1783. doi.org/10.1007/s10961-020-09826-1,
- 2021 –Quiroz-Rojas, P.; Teruel, M. (2021): "Does gender matter for innovative firms' growth? An empirical analysis of Chilean managers", *Innovation and Development*, 11(1), 49-67. doi.org/10.1080/2157930X.2020.1748329.
- 2020 – Méndez-Ortega, C.; Teruel, M. (2020): "To Acquire or not to Acquire: The Effects of Acquisitions in the Software Industry", *Journal of Evolutionary Economics*, 30: 793-814. <https://doi.org/10.1007/s00191-020-00670-y>.
- 2019 – Teruel, M.; Quiroz, P. (2019): "La diversidad de género: factor de impulso de la innovación", *Economía Industrial*, 414, 55-67.
- 2018 –Segarra-Blasco, A.; Arauzo-Carod, J.M.; Teruel, M. (2018): "The Role of Science and Technology Parks as Firm Growth Boosters: an Empirical Analysis in Catalonia", *Regional Studies*, 52:5, 603-607.
- 2018 –Segarra-Blasco, A.; Teruel, M.; Jové, E. (2018): "High-Growth Firms in European Countries: the Role of Innovation", *Cuadernos de Economía*, 37(75): 637-650. DOI: 10.15446/cuad.econ.v37n75.67721.
- 2018 – Arauzo-Carod, J.M.; Segarra-Blasco, A.; Teruel, M. (2018): "Innovation and Geographical Spillovers: New Approaches and Empirical Evidence", *Regional Studies*, 52, 645-658.
- 2018 – García-Quevedo, J.; Segarra-Blasco, A.; Teruel, M. (2018): "Financial constraints and the failure of innovation projects", *Technological Forecasting and Social Change*, 127: 127-140.
- 2017 – Teruel, M.; Segarra-Blasco, A. (2017): "The Link between Gender Diversity and Innovation: What is the Role of Firm Size?", *International Review of Entrepreneurship*, 15(3), 319-340
- 2016 – Segarra, A.; Teruel, M. (2016): "Application and success of R&D subsidies: what is the role of firm age?", *Industry and Innovation*, 23(8): 713-733.
- 2016 – Martínez, L. B.; Terceño, A.; Teruel, M. (2016): "What drives European sovereign bonds spreads? A comparative benchmark analysis", *Análisis Financiero*, 130, 6-18.
- 2016 – Coad, A.; Segarra, A.; Teruel, M. (2016): "Innovation and firm growth: does firm age play a role?", *Research Policy*, 45: 387-400.

- 2016 – Segarra, A.; Teruel, M.; Jové, E. (2016): "High-Growth Firms and Innovation in European Countries", *Ekonomiaz*, 90(2): 197-223.
- 2014 – Audretsch, D.B.; Segarra, A.; Teruel, M. (2014): "Why not all young firms invest in R&D", *Small Business Economics*, 43(4), 751-766
- 2014 – Segarra, A.; Teruel, M. (2014): "High-Growth Firms and innovation: an empirical analysis for Spanish firms", *Small Business Economics*, 43(4), 805-821.
- 2013 – Coad, A.; Teruel, M. (2013): "Inter-firm competition and firm growth: Is there any evidence of direct competition between firms?", *Industrial and Corporate Change*, 22(2), 397-425.
- 2013 – Martínez, L. B.; Terceño, A.; Teruel, M. (2013): "Sovereign bond spreads determinants in Latin American countries: Before and during the XXI financial crisis", *Emerging Markets Review*, 17, 60-75
- 2013 – Coad, A.; Segarra, A.; Teruel, M. (2013): "Like milk or wine: does firm performance improve with age?", *Structural Change and Economic Dynamics*, 24, 173-189.
- 2012 – Segarra, A.; Teruel, M. (2012): "An Appraisal of Firm Size Distribution; Does Sample Size Matter?", *Journal of Economic Behaviour & Organization*, 82(1), 314-328.
- 2011 – Segarra, A.; Teruel, M. (2011): "Productivity and R&D sources: evidence for Catalan firms", *Economics of Innovation and New Technology*, 20(8), 727-748.
- 2010 – Teruel, M. (2010): "Gibrat's law and the learning process", *Small Business Economics*, 34 (4), 355-373
- 2010 – Teruel, M. (2010): "Dinàmica Empresarial i Cicle Econòmic", en *Papers d'Economia Industrial*, 32: 161-176.
- 2010 – Segarra, A.; Teruel, M. (2010): "Firm Entry and Survival in the Spanish Manufacturing and Service Industries", *European Review of Industrial Economics and Policy*, 1.
- 2009 – Teruel, M.; Segarra, A. (2009): "Immigration and Firm Performance: a city-level approach", *Investigaciones Regionales*, 15: 111-138.
- 2008 – Segarra, A., García, J.; Teruel, M. (2008): "Barriers to innovation and public policy in Catalonia", *International Entrepreneurship and Management Journal*, 4(4): 431-451.
- 2007 - Segarra, A.; Teruel, M. (2007): "Creación y Supervivencia de las Nuevas Empresas en las Manufacturas y los Servicios", *Economía Industrial*, 363, 46-58.
- 2007 - Segarra, A.; Teruel, M. (2007): "Quina relació existeix entre productivitat i competència? Una aplicació a les empreses industrials de Catalunya", *Nota d'economia*, 89: 9-33.
- 2005 - Arauzo, J.M.; Teruel, M. (2005): "An urban approach to firm entry: the effect of urban size", *Growth and Change*, 36(4), 508-528.

- **Books**

- 2023 – García Quevedo, J.; Teruel, M. (2023): "Innovación y cambio tecnológico". Lecciones de Economía Española, ed. Thomson Civitas, Madrid.
- 2022 - Coad A., Harasztosi P., Pál R. & Teruel M., (2022): Policy Instruments for High-Growth Enterprises. Chapter 15 in: Karl Wennberg and Christian Sandström (Eds): Questioning the Entrepreneurial State. Springer Nature, 978-3-030-94272-4.
- 2022 - Coad, A., Amaral-Garcia, S., Bauer, P., Domnick, C., Harasztosi, P., Pál, R., and Teruel, M. (2022): "High-Growth Enterprises in times of COVID: an overview", JRC Working

- Papers series on Corporate R&D and Innovation series No 01/2022, European Commission, JRC129090.
- 2021 –Teruel, M. (2021): "Las start-ups como agentes disruptivos: retos y oportunidades". Papeles de Economía Española, ed. Funcas, Madrid, 168, 91-103.
- 2021 – García Quevedo, J.; Teruel, M. (2021): "Innovación y cambio tecnológico". Lecciones de Economía Española, ed. Thomson Civitas, Madrid.
- 2020 - Castany, J. (dir.); Álvarez, M.; Batalla, J.; Belmonte, A.; Coll, E.; Crespo, P.; Elasri, A.; Fabregat, V.; Jové, E.; Maryly, M.A.; Martín, M.; PIMEC; Poveda, C.; Tarragó, A.; Teruel, M. (2020): "2019 Informe anual sobre la indústria a Catalunya". Generalitat de Catalunya, Departament d'Empresa i Coneixement, ISSN: 2013-7486, Barcelona.
- 2019 – Teruel, M. (2019): "The role of innovation from a gender perspective". In J. García-Quevedo and J. Batalla: "An Overview of Innovation in the Energy Sector for the Sudoe Regions", Fundación para la Sostenibilidad Energética y Ambiental, ISBN: 978-84-09-13420-5 (pp. 100-110).
- 2019 - Castany, J. (dir.); Álvarez, M.; Batalla, J.; Belmonte, A.; Crespo, P.; Elasri, A.; Fabregat, V.; Jové, E.; PIMEC; Poveda, C.; Tarragó, A.; Teruel, M. (2019): "2018 Informe anual sobre la indústria a Catalunya". Generalitat de Catalunya, Departament d'Empresa i Coneixement, ISBN: 2013-7486, Barcelona.
- 2018 –Teruel, M. (dir). Jové, E.; Coll, E.; (2018): *Les "start-ups" tarragonines en contexte català*, ed. URV, ISBN: 978-84-8424-711-1, Tarragona.
- 2018 - Fontrodona, J. (dir.); Álvarez, M.; Batalla, J.; Belmonte, A.; Crespo, P.; Elasri, A.; Fabregat, V.; Hermsilla, A.; Jové, E.; Poveda, C.; Tarragó, A.; Teruel, M. (2018): "2017 Informe anual sobre la indústria a Catalunya". Generalitat de Catalunya, Departament d'Empresa i Coneixement, ISBN: 2013-7486, Barcelona.
- 2017 - Teruel, M. (2017): "Universitats i internacionalització" en Associació Catalana d'Universitats Públiques (ACUP) (2017) "Informe d'impactes socioeconòmics de les universitats i el sistema públic de recerca de Catalunya", Barcelona.
- 2017 - Teruel, M.; de Wit, G. (2017): "Determinants of High-Growth Firms: Why Do Some Countries Have More High-Growth Firms than Others?", in Bonnet, J.; Dejardin, M.; Garcia Perez de Lema, D. (eds.) *Exploring the Entrepreneurial Society: Institutions, Behaviors and Outcomes*, Edward Elgar.
- 2016 - Segarra, A.; Teruel, M. (2016): "El tejido empresarial europeo", in Costa, M.T., Garrido, A., Parellada, M.; Sanromà, E. (eds.) *Economía Europea. Crecimiento, competitividad y mercados*, Alianza Editorial, Madrid.
- 2015 - Segarra, A., Teruel, M., Bové, M.À.; Gombau, V. (2015): "L'avaluació de les polítiques públiques de foment de la innovació a Catalunya", Universitat Rovira i Virgili.
- 2015 - Teruel, M., Gombau, V., Parra, M.; Aymi, R. (eds.) (2015): "GUIA DE LA INNOVACIÓ: Vols eliminar les barreres de la teva empresa per innovar?", Publicacions URV
- 2012 – Duro, J.A. (coord.), Bové, M.A.; Campa, F.; Hernández, A.; Sánchez, M.V.; Sardà, J.; Soldevila, M.V.; Rodríguez, D.; Teruel, M. (2011): *Informe d'economia local i regional de les Terres de l'Ebre 2011*, ed. URV, Tarragona.
- 2011 – Segarra, A.; Teruel, M. (2011): "Les aportacions de la Universitat Rovira i Virgili a la productivitat i el creixement econòmic", in Segarra, A. (dir.): *El poder de les idees. Impactes de la URV sobre la societat*, ed. UTE Arola Editors i Cossetània, Tarragona i Valls.

- 2011 – Terceño, A. (dir.); Bertran, J.; Borràs, S.; Campa, F.; Casado, L.; Fonts, A.; Fuentes, J.R.; González, A.; Jaria, J.; Jordà, A.M.; Oliveras, J.; Ponce, X.; Rabassa, N.; Saladié, S.; Sánchez, V.; Setó, D.; Teruel, M.; Torrens, R.; Varga, A.; Vidal, A. (2011): *REUS DEMÀ. Pla Estratègic i Agenda 21*, ed. URV, Tarragona.
- 2011 – Duro, J.A. (coord.); Bové, M.A.; Campa, F.; Hernández, A.; Martín, M.; Sánchez, M.V.; Sardà, J.; Soldevila, M.V.; Rodríguez, D.; Teruel, M. (2011): *Informe d'economia local i regional de les Terres de l'Ebre*, ed. URV, Tarragona.
- 2010 – Teruel, M. (coord.); García, J.; Martín, M.; Piñol, J.M. (2010): *El Sistema territorial d'innovació de la demarcació de Tarragona*, ed. Cossetània, Tarragona.
- 2010 – Segarra, A.; Teruel, M. (2010): “Obstáculos de las empresas para innovar”, in *FECYT (2010): Análisis sobre ciencia e innovación en España*, Madrid, ed. FECYT, 444 - 473.
- 2010 – Segarra, A. (dir.), Teruel, M.; Vidal, A.; Alarcón, S. (2010): *Creixement i restriccions financeres a les empreses Industrials de Catalunya*, Departament d'Economia i Finances, Generalitat de Catalunya, Barcelona. Monografies núm. 12.
- 2010 – Duro, J.A.; Teruel, M.; Martín, M.; Puig, A.; Rodríguez, D.; Gombau, V. (2010): *Internacionalització dels serveis: casos i perspectives a Catalunya*, Papers digitals 9, Observatori de prospectiva de Mercats Exteriors (CIDEM), Barcelona.
- 2010 - Teruel, M. (2010): “Why do SME grow? A rejection of Gibrat's Law for Spanish firms (1994-2002)”, in B. Andreosso and H. Lenihan (eds.): *SMEs in a Globalised World: Survival and Growth Strategies on Europe's Geographical Periphery*, ed. Edward Elgar, 19-46.
- 2009 - Teruel, M.; Piñol, J.M. (2009): *Diagnosi socioeconòmica de l'Alt Camp*, ed. Cossetània, Valls.
- 2009 - Teruel, M. (2009): *Firm growth of Spanish manufacturing and service industries*, ed. VDM, Berlin.
- 2009 - Segarra, A. (dir.); M. Teruel; J.M. Arauzo; S. Iranzo (2009): *Dinámica empresarial, creación de empleo y productividad en las manufacturas españolas: un estudio a nivel de empresa*, Ministerio de Industria, Turismo y Comercio.
- 2007 - Segarra, A.; J. Margalef; M. Teruel; J.A. Duro; J.M. Piñol; D. Miravet (2007): *El Camp de Tarragona: realitat actual i propostes per a la planificació estratègica*, ed. Universitat Rovira i Virgili, Tarragona.
- 2007 - Teruel, M.; Segarra, A. (2007): “Growth, age and location in Spanish hotels”, in J.M. Arauzo and M. Manjón (eds.): *Entrepreneurship, Industrial Location and Economic Growth*, ed. Edward Elgar.
- 2007 - Teruel, M. (2007): “El sector immobiliari a la demarcació de Tarragona” in J.M. Arauzo and J. Margalef: *Informe Anual de l'Economia del Camp de Tarragona i les Terres de l'Ebre (2006)*.
- 2006 – Co-author del llibre de Margalef, J. (dir.) et al. (2006): *Diagnosis Comarcal i Estratègies a l'Alt Camp (revisió 2006)*, ed. Cossetània, Valls.
- 2004 - Co-author del llibre de Margalef, J. (dir.) et al. (2004): *Diagnosis Comarcal i Estratègies a l'Alt Camp*, ed. Cossetània, Valls.
- 2004 - Mañé, F. (dir.); Teruel, M.; Gutiérrez, J. (2004): “La inserció laboral dels titulats a la URV”, ed. Gabriel Gibert, Tarragona.
- 2003 – Teruel, M. (2003): “Las pautas del crecimiento de los hoteles españoles”, in Asociación Científica Europea de Economía Aplicada (ed.): *Anales de economía aplicada*, Almería.

2002 - Segarra, A. (dir.) *et al.* (2002): *La Creación y la supervivencia de las empresas industriales*, ed. Civitas, Madrid.

CONFERENCES

- 2023– CONCORDi 2023: “When digital meets green: Smart-circular strategies among European start-ups and scale-ups”, Seville, 24-26 October.
- 2023– CONCORDi 2023: “Digitalisation and high-growth enterprises in Europe”, Seville, 24-26 October.
- 2023– XXVIII REUNIÓN ANUAL RED PYMES MERCOSUR. Ponente en panel “Género, innovación y desarrollo productivo”, on-line, 29 September. Ciudad de Córdoba, Argentina, 27-29 September.
- 2023– XXV Applied Economics Meeting: “Impacts of internal and external financial resources on R&D and innovation in European firms”, Toledo 1-2 June.
- 2023– UAB Seminar: “Digitalisation in firms: An analysis of determinants and outcomes of European high-growth enterprises”, Barcelona 17 May.
- 2023– Workshop on Eco-Innovation, Circular Economy and Firm Performance: “Public drivers and circular economy: A dynamic analysis for European SMEs”, Barcelona 17 May.
- 2022– JRC-EIB Seminar: “A decomposition of Spanish firms’ internal R&D distribution: characteristics and business cycle”, Seville 20 June.
- 2022– XXIV Applied Economics Meeting: “An empirical analysis of the effects of exporting on innovative status variability”, Palma de Mallorca (Spain), 9-10 June.
- 2022–JRC-EIB Workshop on High-Growth Enterprises: “Productivity and HGEs: resilience and potential recovery from COVID-19 pandemic”, Seville 10 January.
- 2021 - CONCORDI “Productivity and HGEs: resilience and potential recovery from Covid-19 pandemic”. Teruel, M., Amaral, S., Bauer, P., Coad, A., Domnick, C., Harasztosi, P., & Pal, R. Oral presentation. November (Seville).
- 2021– XXXII Villa Mondragone International Economic Seminar: “The relationship between new digital technologies, internationalization and high-growth enterprises”, Rome 6-7 July.
- 2021– Eu-SPRI 2021: “A decomposition of Spanish firms’ internal R&D distribution: characteristics and business cycle”, Oslo (virtual) 9-10 June.
- 2021– XXIII Applied Economics Meeting: “Drivers of Human Vaccine Trade during the 21st Century”, on-line 3-4 June.
- 2021– XXIII Applied Economics Meeting: “A decomposition of Spanish firms’ internal R&D distribution: characteristics and business cycle”, on- line 3-4 June.
- 2020– Workshop on Entrepreneurial Ecosystems for High Growth Enterprises, European Commission, Brussels (Belgium), 26-27 February.
- 2019– Workshop: Innovation, firm dynamics, employment and growth: “From basic research to the technological development: explaining the returns according to firm age”, Greenwich University (UK).
- 2019– XXII Encuentro de Economía Aplicada: “Innovation, productivity and export in European Firms”, Universidad Politécnica de Cartagena.
- 2019– XXII Encuentro de Economía Aplicada: “On the Heterogeneity of the Leverage-Growth Relationship: An Empirical, Comparative Analysis for European Manufacturing Firms”, Universidad Politécnica de Cartagena.

- 2019– Seminar “From basic research to the technological development: explaining the returns according to firm age”, Sant’Anna School of Advanced Studies (Pisa).
- 2019– OECD workshop on Spatial Dimensions of Productivity: “Innovation and geographical spillovers: New approaches and empirical evidence”, OECD Trento Centre for Local Development, Bolzano (Italy).
- 2019– III Workshop on "Innovation and Firm Performance": “Innovation, productivity and export in European Firms”, Universitat Rovira i Virgili, Reus (Spain).
- 2018– Workshop EMiL - "The modern drivers of firm performance: Intangibles and Connections": “Gender diversity, R&D teams and patents: An application to Spanish firms”, University of Trento, Trento (Italy).
- 2018– 4th Workshop KIIS (Workshop in Knowledge, Innovation and Internationalization Strategies’ (KIIS): “To acquire or not to acquire: Mergers and acquisitions in the software industry”, Universidad de Valencia, Valencia (España).
- 2018– OECD/EC high-level expert workshop on developing strategies for industrial transition, París (France).
- 2018– XXI Encuentro de Economía Aplicada: “To acquire or not to acquire: Mergers and acquisitions in the software industry”, Universidad de Alcalá, Alcalá (España).
- 2018– XXI Encuentro de Economía Aplicada: “Gender diversity, R&D teams and patents: An application to Spanish firms”, Universidad de Alcalá, Alcalá (España).
- 2018– DRUID Conference: “Gender diversity, R&D teams and patents: An application to Spanish firms”, Aalborg University, Copenhagen (Denmark).
- 2018– Workshop on the organization, economics and policy of scientific research: “Gender diversity, R&D teams and patents: An application to Spanish firms”, University of Bath, Bath (UK).
- 2017– Workshop on challenges of innovation policy: “Gender diversity, R&D teams and patents: An application to Spanish firms”, Universitat Rovira i Virgili, Reus.
- 2017– 6th European Conference on Corporate R&D and Innovation CONCORDi 2017: “Gender diversity, R&D teams and patents: An application to Spanish firms”, Joint Research Centre from the European Commission, Sevilla.
- 2017– DRUID 2017: “Gender diversity and innovation: What is the role of firm size?”, New York University, NY.
- 2017– XX Applied Economics Meeting, “High-Growth Firms in European Countries: the Different role of Innovation”, Universidad Católica de Valencia, Valencia.
- 2016– Seminar in Institute for Prospective Technological Studies (IPTS): “Does firm size matter on the relationship between gender diversity and innovation?”, Joint Research Centre from the European Commission, Sevilla.
- 2016– XIX Applied Economics Meeting, “Science and Technology Parks and Firm Growth”, Universidad de Sevilla, Sevilla.
- 2015– Seminar in Universidad Autónoma de Madrid, “Learning and innovation: does firm size play a role?”, Madrid.
- 2015– IRIMA Workshop on R&D investment and firm dynamics, “Learning and innovation: does firm size play a role?”, Brussels.
- 2015– International Conference on Regional Science, “Science and technology parks and firm growth”, Universitat Rovira i Virgili, Reus
- 2015– International Conference on Regional Science, “Urban growth and entrepreneurial activity”, Universitat Rovira i Virgili, Reus

- 2015– Eu-SPRI ECC Conference, “Young and old firms: all the same in front of R&D subsidies”, University of Bergamo, Bergamo.
- 2015– XVIII Applied Economics Meeting, “Gender diversity and innovation in manufacturing and service industries”, Universidad de Alicante, Alicante.
- 2014– International Conference on Regional Science, “Young Firms and R&D subsidies in Catalonia”, Universidad de Zaragoza, Zaragoza.
- 2014– XVII Applied Economics Meeting (XVII *Encuentro de Economía Aplicada*), “R&D subsidies and cluster policy in Catalonia”, Universidad de Las Palmas de Gran Canaria, *Gran Canaria*.
- 2012–*Workshop on Firm Growth and Innovation*, “Innovation and firm growth: what happens with firm age?”, Universitat Rovira i Virgili, Tarragona.
- 2012–*Workshop on Firm Growth and Innovation*, “High-growth firms and innovation: an empirical analysis”, Universitat Rovira i Virgili, Tarragona.
- 2012– *Encuentro de Economía Aplicada, La Coruña*:
 - “A Sovereign Bond Spreads Analysis in the European Union and European Monetary Union: a Panel Data Framework”
 - “Like milk or wine: Does firm performance improve with age?”
- 2011– *ERSA conference*, “Productivity and R&D sources in manufacturing and service firms in Catalonia: A regional approach”, Barcelona.
- 2011–*Encuentro de Economía Aplicada*, Huelva:
 - “High-growth firms and innovation: an empirical analysis”
 - “Firm growth and market structure: an agent based simulation approach”
- 2011–*Workshop on High Growth Firms*, “Determinants of High-growth Firms: Why have some countries more high-growth firms than others?”, Stockholm.
- 2010– International Meeting on Regional Science, “Firm growth and finance: What is the role of location? An appraisal of Spanish cities”, Badajoz.
- 2010– 7th workshop of the European Network on the Economics of the Firm, “Like milk or wine: “Does firm performance improve with age?”, Amsterdam.
- 2010– Max Planck Institute of Economics, “Inter-firm competition and firm growth: Is there any evidence of direct competition between firms?”, Jena.
- 2010–*Encuentro de Economía Aplicada*, “Small firms, Growth and Financial Constraints”, Sevilla.
- 2009– *Workshop on Entrepreneurial Activity and Regional Competitiveness*, “Small Firms, Growth and Financial Constraints”, San Sebastián.
- 2009– *Encuentro de Economía Aplicada*, “Firm Size Distribution, power-laws and truncation point”, Madrid.
- 2008 – *Encuentro de Economía Aplicada*, “Innovation sources and productivity in Catalanian firms: a quantile regression analysis”, Salamanca.
- 2007 - *EARIE conference*, “Productivity Growth and Competition in Spanish Manufacturing Firms: What Has Happened in Recent years?”, Valencia.
- 2007 - *Encuentro de Economía Aplicada*, “Productivity Growth and Competition in Spanish Manufacturing Firms: What Has Happened in Recent years?”, Logroño.
- 2007 - *Jornada sobre Reforma del sector público: Privatización, Regulación y Competencia*, “Productivity Growth and Competition in Spanish Manufacturing Firms: What Has Happened in Recent years?”, Madrid.

- 2006 - *EARIE conference*, “Firm growth: is there an equilibrium or a multiplicity of equilibria? The case of Spanish manufacturing and service industries (1994-2002)”, Amsterdam.
- 2006 - *EUNIP conference*, “Firm growth: is there an equilibrium or a multiplicity of equilibria? The case of Spanish manufacturing and service industries (1994-2002)”, Limerick.
- 2006 - *Encuentro de Economía Aplicada*, “Firm growth: is there an equilibrium or a multiplicity of equilibria? The case of Spanish manufacturing and service industries (1994-2002)”, Jaén.
- 2005 - *Workshop on Demography of Firms and Industries*, “Growth size, age and location in Spanish hotels”, Reus.
- 2004 - *Encuentro de Economía Aplicada Vigo*:
- “Growth size, age and location in Spanish hotels”
 - “A territorial approach to firm entry: the effect of city size”.
- 2004 - *Workshop of Spatial Networks and Clusters: Développement local et gouvernance territoriale*, “A territorial approach of firm entry: the effect of city size”, Toulouse.
- 2003 – ASEPELT, “The patterns of growth of Spanish hotels”, Almeria.

TEACHING EXPERIENCE

1. Innovation in a Global environment (MSc in International Markets): 2017-18, 2018-19, 2019-2020, 2020-21, 2021-22, 2022-23
2. Economics of Innovation and Systems of Innovation (MA in Entrepreneurship and Innovation): 2014-15, 2015-16; 2016-17; 2017-18, 2018-19, 2019-2020, 2021-22, 2022-23
3. International economics (Bachelor level): 2008-09, 2009-10, 2010-11, 2011-12, 2012-13, 2013-14, 2018-19
4. Theory in Industrial Organization (MSc in Industrial Organization): 2014-15, 2015-16, 2016-17
5. Research seminar (MSc in Industrial Organization): 2010-11, 2011-12.
6. Analysis of Touristic trend (MSc in Techniques of analysis and touristic innovation): 2010-11.
7. Spanish economics (Bachelor level): 2008-09, 2009-10,
8. Statistics I (Bachelor level): 2005-06, 2006-07.
9. Statistics II (Bachelor level): 2005-06, 2006-07.
10. Spanish and International Economics (Bachelor level): 2005-06, 2006-07, 2007-08, 2008-09.
11. Spanish and International Economics (MSc in Industrial Organization): 2007-08.
12. Market Structure (Bachelor level): 2005-06, 2006-07, 2007-08, 2008-09.
13. Econometrics II (Bachelor level): 2003-04.
14. Analysis of Economic Data (Bachelor level): 2002-03.

RECOGNITIONS

- 2023 – Recognition of Research Activity (3rd sexenio) for the period 2017-2022
- 2022 – Accreditation of Professor by ANECA (Agencia Nacional de Evaluación de la Calidad y Acreditación)
- 2022 – Recognition of Teaching Activity (4th quinquenio) for the period 2017-2021
- 2018 – Accreditation of Advanced Research (Professor) by Agència de la Qualitat Universitària

- 2017 – Recognition of Research Activity (2nd sexenio) for the period 2001-2016
- 2017 – Recognition of Managerial Activity (1st) until the end 2016
- 2017 – Recognition of Teaching Activity (3rd quinquenio) for the period 2012-2016
- 2012 – Recognition of Teaching Activity (2nd quinquenio) for the period 2007-2011
- 2011 – Recognition of Research Activity (1st sexenio) for the period 2005-2010
- 2007 – Recognition of Teaching Activity (1st quinquenio) for the period 2002-2006

HONORS AND AWARDS

- 2016 – **Richard R. Nelson Prize** (2016) awarded by the editors of Industrial and Corporate Change and Research Policy. The award recognizes a research paper (in alternating years) in Research Policy or ICC that has made a substantial contribution to the literature. The paper is co-authored joined with Alexander Coad and entitled "Inter-firm competition and firm growth: Is there any evidence of direct competition between firms?", published in *Industrial and Corporate Change*, 22, 397-425 (2013).
- 2011 – **Joan Sardà Dexeus Prize** (awarded annually to the best book in Economics). Book co-written with D. Albalade, J. Batalla, F. Coronado, J. García, J. M. Martorell, H. Sala, M. Teruel, J. Torrent, A. Roca, R. Boix.
- 2007 – Special Prize for PhD, Universitat Rovira i Virgili.
- 2005 – Scholarship for foreign visiting, DURSI (6 months).
- 2003 – Research Prize, Institut Ignasi de Villalonga d'Economia i Empresa.
- 2002-05 – Research Scholarship, DURSI, Generalitat de Catalunya.
- 2000/01 - Special Prize for the Degree in Economics, Universitat Rovira i Virgili.

OTHER PROFESSIONAL ACTIVITIES

Editorial work

- Since 15/10/2021: Advisory Editor, **Research Policy**.
- Since 30/08/2021: Member of the Editorial Board Review, **Small Business Economics**.
- Since 24/12/2019: Associate Editor, **Applied Economic Analysis**.
- 2023: Invited Editor, Special Issue: In **Applied Economic Analysis**.
- 2018: Invited Editor, Special Issue: *Innovation and Geographical Spillovers*. In **Regional Studies**.

Experience as expert

- 2022-23: Advisory, **Universitat de Girona – committee REQ21 and REQ22**.
- 2021: Advisory, **Agencia Estatal de Investigación**.
- Since 2019: Expert of **Joint Research Center**, different appointments.
- Since 2018: Expert of **OECD**, different appointments.

Conference Co-organization

- IV Workshop on EcoInnovation and Firm Performance, 2023, Barcelona
- XXIII Applied Economics Meeting, 3-4 June 2021, on-line.
- I ECO-SOS Workshop, 2020, Reus
- III Workshop on Innovation and Firm Performance, 2019, Reus

- Workshop on Challenges of Innovation Policy, 2017, Reus
- International Conference on Regional Science, 2015, Reus
- Workshop on High-Growth Firms, 2013, Tarragona
- PhD Workshop on Industrial and Public Economics (WIPE), 2014, 2015, 2016 Reus
- Workshop on Spatial Networks and Clusters, 2003, Reus

Refereeing Activity

- Research Policy, Small Business Economics, Journal of Technology and Transfer, Journal of Evolutionary Economics, Journal of Regional Research, International Journal of Production Research, Industry and Innovation, Economics, Economics of Innovation and New Technology, Revista de Economía Aplicada, Physical Review E, Journal of Economic Behaviour & Organization, International Small Business Journal, Energy Policy, Spatial Economics, Scientometrics.

Ph.D. Thesis Supervision

- Yanik Nimitz, Universitat Rovira i Virgili (full-time thesis). Start: 10/2023. PhD thesis: "Firm performance and environmental impacts".
- Mira Saadeddine El Khalili, Universitat Rovira i Virgili (part-time thesis). Start: 12/2023. PhD thesis: "Firm Performance and Energy Efficiency in the MENA Region".
- Clara Chdid, Universitat Rovira i Virgili, Start: 1/2023. PhD thesis: "Are the Chinese Financial Institutions duplicating the IMF and the WB?" (co-supervised with Montserrat Ferré-Carracedo).
- Josep Tomàs, Universitat Rovira i Virgili, Start: 10/2021. PhD thesis: "Innovation, learning and export across new European manufacturing firms".
- Paula Quiroz, Universitat Rovira i Virgili, (part-time thesis) Start: 09/2017. PhD thesis: "Do innovative companies grow more than other firms? An empirical analysis for Chilean firms"
- Sebastiano Cattaruzzo, Universitat Rovira i Virgili, 09/2017 – 11/1/2021 (co-supervised with Agustí Segarra Blasco. **European** PhD thesis: "Exploring European Firms' Heterogeneity: Perspectives on Finance, Export, and R&D". **Excellent cum-laude. Marie Skłodowska-Curie grant agreement No. 713679.**
- Lisana B. Martínez, Universitat Rovira i Virgili, 09/2011 – 07/2015 (co-supervised with Antonio Terceño Gómez). **International** PhD Thesis: "Análisis de la incidencia de la crisis financiera a través de los spreads de bonos soberanos en la Unión Europea y América Latina". **Excellent cum-laude.**
- Judit Albiol-Sánchez, Universitat Rovira i Virgili, 09/2010 – 07/2013 (co-supervised with Luís Díaz-Serrano). **European** PhD thesis: "Three essays on Entrepreneurship". **Excellent cum-laude.**

MEMBERSHIP OF ACADEMIC ORGANIZATION

Member of ALdE – Asociación Libre de Economía (Secretary 2013-2019, Vice-President since 2019). Member since 2002.

Member of AEER – Asociación Española de Ciencia Regional. Member since 2015.

LANGUAGES

1. Catalan and Spanish: native
2. English: fluent (C1)
3. French: fluent (B2)