

Part A. PERSONAL INFORMATION		CV date	12/04/22
First and family name	XOSÉ H. VÁZQUEZ		
Social Security, Passport, ID number		Age	
Researcher codes	WoS Researcher ID (*)	F-5566-2016	
	SCOPUS Author ID(*)	54792480800	
	Open Researcher and Contributor ID (ORCID) **	0000-0002-2919-7404	

(*) At least one of these is mandatory

(**) Mandatory

A.1. Current position

Name of University	University of Vigo		
Department	Business Management and Marketing		
Address and Country	School of Economics and Business, Spain		
Phone number	986812479	E-mail	xhvv@uvigo.gal
Current position	Professor of Business Management	From	2017
Key words	Strategy, Innovation and Operations Management, Evolutionary Theory, Institutional Economics, Climate Change.		

A.2. Education

	University	Year
PhD in Management	University of Vigo	2002
ETIC doctoral courses	University of Strasburg, University of Maastricht	1999
Dissertation	University of Santiago	1995
BA in Business Administration	University of Santiago	1994

A.3. JCR articles, h Index, supervised PhD thesis...

Three six-year periods of recognized research (“sexenios”) by the Spanish Ministry of Education (**last assessment year: 2018**). One six-year period of recognized knowledge transfer (2007-2012).

Three **PhD thesis** supervised with several publications in indexed Q1 journals.

Publications indexed in JCR: 18. JCR first quartile: 14. JCR second quartile: 4.

Publications in **ABS 4 and 4***: Org. Science, Jnal of Operations Manag., Organization Studies, Research Policy. Also in managerial opinion leaders such as Harvard Bus. Review.

Citations: Google scholar (total citations: 814; 429 since 2016; h index: 14; i10h index: 18). SCOPUS (total citations: 415; h index: 11).

Part B. CV SUMMARY (max. 3500 characters, including spaces)

My current research agenda lies at the intersection of strategy, innovation and climate change. I am interested in how technology and climate change are shaping business topics such as competitive strategy, business models, R&D efforts or operational excellence efforts. I have thus addressed the synergies between basic research and product innovation; the development of control systems on the shop floor to enhance the efficiency of industrial processes; the influence of dishonest behavior by managers and workers in the implementation of operational excellence; or the development of new business models that allow firms to balance production and transaction costs while guaranteeing agile and environmentally friendly responses.

The output of this research has found outlets such as the Cambridge Journal of Economics, Computers and Operations Research, Harvard Business Review, IEEE Transactions on Engineering Management, Industrial and Corporate Change, Industrial Marketing Management, Journal of Manufacturing Systems, Journal of Operations Management, Long Range Planning, Management and Organization Review, Organization Science, Organization Studies, Research Policy, Supply Chain Management: an International Journal, and Technology Analysis and Strategic Management.

I could also transform this theoretical research into useful knowledge for public institutions and private businesses. I have thus benefited from cooperating with the European Commission (H2020 and Interreg), Interamerican Development Bank, Ministry of Science and Education, Ministry of Industry, Galician Institute for Statistics, and several Departments of the Galician Government dealing with R&D policies and regional development. Simultaneously, I have collaborated with several firms in the food, services, metal, pharmaceutical and automotive



industries (Alcoa, APM Management Tools, Japan Management Association Consultants, Jealsa Rianxeira, Johnson Controls Inc, Kaizen Institute, Pescanova, PSA Peugeot Citroen, Syngenta).

I currently work for the University of Vigo, where I coordinate the research agenda of REDE (www.rede.uvigo.es); a multidisciplinary research group with 30 senior researchers working on business strategy and environmental/energy economics. Beyond lecturing undergraduate and postgraduate courses on strategy and innovation, my academic service record includes being a Counselor of the Galician Economic and Social Council from 2007 to 2018, as well as Chief Editor of BRQ-Business Research Quarterly (Q2 in JCR Business/Management, and Q1 in SJR Business/Economics) from December 2014 to June 2019.

Part C. RELEVANT MERITS

C.1. Selected publications

Rodríguez-García, C., García-Pintos, A., Caballero, G., Vázquez, X.H. (2022). The Role of Knowledge Maps in Sub-national Climate Change Policymaking. *Climate Policy*, vol. 22 (3), 273-284 (JCR Q1, IF: 5.085 in 2020). <https://doi.org/10.1080/14693062.2021.2022450>

Sartal, A., Vázquez, X. H., & Lozano-Lozano, L. M. (2021). Organizational tools and cultural change in the success of lean transformations: Delving into sequence and rhythm. *IEEE Transactions on Engineering Management*. (JCR Q2, IF: 2.784). <https://ieeexplore.ieee.org/document/9139373>

Sartal, A., Rodríguez, M., & Vázquez, X.H. (2020). From efficiency-driven to low-carbon operations management: Implications for labor productivity. *Journal of Operations Management*, 66(3), 310– 325. (JCR Q1, IF: 7.776). <https://doi.org/10.1002/joom.1060>

Sartal, A., González-Loureiro, M., & Vázquez, X. H. (2020). Meta-analyses in management: What can we learn from clinical research? *BRQ Business Research Quarterly* (JCR Q2, IF: 2.525). <https://doi.org/10.1177%2F2340944420916310>

Groba, Carlos, Sartal, Antonio y Vázquez, Xosé H. (2018): Integrating forecasting in metaheuristic methods to solve dynamic routing problems: Evidence from the logistic processes of tuna vessels. *Engineering Applications of Artificial Intelligence*, vol. 76, 55-66 (JCR Q1, IF: 2. 819). <https://doi.org/10.1016/j.engappai.2018.08.015>

Vázquez, Xosé H.(2018):The poetry of intriguing ideas, logical arguments and rigorous methods in management, *BRQ Business Research Quarterly*, vol. 21 (1), 1-10 (JCR Q2; IF: 3,250). <https://doi.org/10.1016%2Fj.brq.2018.01.001>

Sartal, Antonio, Josep Llach, Xosé H. Vázquez & Rodolfo de Castro (2017): How much does Lean Manufacturing need environmental and information technologies? *Journal of Manufacturing Systems*, vol. 45, 260-272. (JCR Q1, IF: 2. 770). <https://doi.org/10.1016/j.jmsy.2017.10.005>

Sartal, Antonio, Xosé H. Vázquez (2017): Implementing Information Technologies and Operational Excellence: Planning, emergence and randomness in the survival of adaptive manufacturing systems, *Journal of Manufacturing Systems*, vol. 45, 1–16 (JCR Q1, IF: 2. 770). <https://doi.org/10.1016/j.jmsy.2017.07.007>

Vázquez, Xosé H., Antonio Sartal & Luis Lozano (2016): Watch the working capital of tier-two suppliers: A financial perspective of supply chain collaboration in the automotive industry. *Supply Chain Management: An International Journal*, vol. 21 (3), 321 – 333 (JCR Q1, IF: 4. 072). <http://dx.doi.org/10.1108/SCM-03-2015-0104>

Caballero, Gloria, María Quintás y Xosé H. Vázquez (2015): Improving employability through stakeholders in European higher education: the case of Spain, *Long Range Planning*, vol. 48 (6), 398–411 (JCR Q1, IF: 4. 74). <https://doi.org/10.1016/j.lrp.2015.09.005>

Martínez-Senra, Ana I., Quintás, María, Sartal, Antonio & Xosé H. Vázquez (2015): How Can Firms' Basic Research Turn Into Product Innovation? The Role of Absorptive Capacity and Industry Appropriability, *IEEE Transactions on Engineering Management*, Vol. 62 (2), 205-216 (JCR Q2, IF: 1.454). <https://doi.org/10.1109/TEM.2014.2386614>

Groba, Carlos, Sartal, Antonio y Xosé H. Vázquez (2015): Solving the dynamic traveling salesman problem using a genetic algorithm with trajectory prediction: An application to fish aggregating devices, *Computers & Operations Research*, vol. 56, 22-32 (JCR Q1, IF: 1.988). <https://doi.org/10.1016/j.cor.2014.10.012>

Cabanelas, Pablo, Cabanelas José, Xosé H. Vázquez (2013): A methodology for the construction of dynamic capabilities in industrial networks: The role of border agents, *Industrial Marketing Management*, 42 (6), 992–1003 (JCR Q1, IF: 4,779). <https://doi.org/10.1016/j.indmarman.2013.03.012>

Arruñada, Benito and Xosé H. Vázquez (2013): The Impact of Behavioral Assumptions on Management Ability: A Test Based on the Earnings of MBA Graduates, *Management and Organization Review*, 9 (2), 209–232 (JCR Q1, IF: 3,146). <https://doi.org/10.1017/S1740877600003259>

Arocena, Pablo, Mikel Villanueva, Raquel Arévalo y Xosé H. Vázquez (2011): “Why are firms challenging conventional wisdom on moral hazard? Revisiting the wage-effort hypothesis”, *Industrial and Corporate Change*, vol. 20 (1), pp. 433-455 (JCR Q1, IF: 1,824). <https://doi.org/10.1093/icc/dtq066>

Quintás, María, Xosé H. Vázquez, José M. García e Gloria Caballero (2008): Geographical amplitude in the international generation of technology: present situation and business determinants, *Research Policy*, Vol. 37, No. 8, pp. 1371-1381 (JCR Q1, IF: 5,425). <https://doi.org/10.1016/j.respol.2008.04.019>

Xosé H. Vázquez (2006): An eclectic explanation of shopfloor control using efficiency and power theories, *Organization Studies*, Vol. 27, No. 10, pp. 1421-1446 (JCR Q1, IF: 3,543). <https://doi.org/10.1177%2F0170840606067247>

Benito Arruñada y Xosé H. Vázquez (2006): When your contract manufacturer becomes your competitor, *Harvard Business Review*, Vol. 84, No. 9, pp. 135-145, 2006 (JCR Q1, IF: 5,691). <https://arrunada.org/files/research/Arrunada%20Vazquez%20HBR%202006.pdf>

Xosé H. Vázquez (2004): Allocating decision rights on the shop floor: A perspective from transaction cost economics and organization theory, *Organization Science*, Vol. 15, No. 4, pp. 463-480 (JCR Q1, IF: 3,257). <https://doi.org/10.1287/orsc.1040.0082>

C.2. Selected research projects and grants as chief researcher

Reference: PID2019-106677GB-I00. **Title:** Climate change, circularity and competitive advantage: how corporate strategic choices interact with institutions in business responses to sustainability challenges. **Financing entity:** Ministry of Economy and Competitiveness. **Period:** from 01/06/2020 to 31/05/2023. **Funding:** 51.183 €. **Chief Researcher:** Xosé H. Vázquez

Reference: 0335_SHERPA_DO_MAR_1_E. **Title:** Sherpa do Mar. Transboundary network for promoting entrepreneurship and strengthening the competitiveness of SME's in the marine and maritime sector. **Financing entity:** The INTERREG VA Spain-Portugal cooperation programme (POCTEP) 2014-2020. **Period:** from 01/04/2019 to 31/12/2021. **Funding:** 997.184,83 € (342.778,92 € for UVigo). **Chief Researcher:** Xosé H. Vázquez

Reference: 0227_CODIGOMAS_1_E **Title:** Creation of a transboundary innovation ecosystem in the health sector **Financing entity:** The INTERREG VA Spain-Portugal cooperation programme (POCTEP) 2014-2020. **Period:** from 01/07/2015 to 31/12/2019. **Funding:** 2.258.893,06 € (205.441,63 € for Uvigo-REDE's Work). **Chief Researcher:** Xosé H. Vázquez

Reference: 293_MarRISK_1_E. **Title:** MarRISK: Intelligent and sustainable growth in the coastal zones of Galicia and North of Portugal through coastal risk evaluation in a context of climate change. **Financing entity:** European Commission; **Period:** from 01/01/2015 to 31/12/2019. **Funding:** 2.957.049,88 € (477.290,64 € for Uvigo-REDE's Work) **Chief Researcher:** Xosé H. Vázquez

Reference: ECO2016-76625-R. **Title:** Carbon productivity, dematerialization and demand volatility: an evolutionary analysis of technologies and capabilities in adaptive industrial systems. **Financing entity:** Ministry of Economy and Competitiveness **Period:** from 01/01/2017 to 31/12/2019. **Funding:** 25.000 €. **Chief Researcher:** Xosé H. Vázquez

Reference: ECO2012-45706-R. **Title:** Efficiency and sustainability of innovation in industrial plants. **Financing entity:** Ministry of Economy and Competitiveness. **Period:** from 01/01/2014 to 1/12/2016 **Funding:** 27.225 euros. **Chief Researcher:** Xosé H. Vázquez

Reference: ECO2008-03201. **Title:** Technological change and contractual and organizational innovation. **Financing entity:** Ministry of Economy and Competitiveness. **Period:** from 24/10/2008 to 23/10/2011. **Funding:** 62.000 euros. **Chief Researcher:** Xosé H. Vázquez.

Reference: GRC2009/021 **Title:** Consolidation and structuring of research units. **Financing entity:** Government of Galicia (Education and University Management). **Period:** from 01/01/2009 to 31/12/2011 **Funding:** 200.000€. **Chief Researcher:** Xosé H. Vázquez.

C.3. Selected knowledge transfer contracts as chief researcher

Title: Galicia 2030: from digitization 4.0 to Society 5.0 **Reference:** CO-0057-21. **Financing entity:** Consello Económico e Social de Galicia. **Funding:** 24000 €. **Length:** from 12/06/2021 to 31/07/2022. **Chief researcher:** Xosé H. Vázquez

Title: Monitoring report on the Galician industrial sector **Reference:** IN-0212-2019. **Financing entity:** Consello Económico e Social de Galicia. **Funding:** 8000 €. **Length:** from 01/01/2019 to 31/12/2019. **Chief researcher:** Xosé H. Vázquez

Title: Ardán Chair 2018, 2019, 2020 & 2021 (maintenance and redesign of the InnoBench online platform; report on the state of business innovation in Galicia; design of a methodology for the identification of Smart Companies in Galicia. **Reference:** CÁTEDRA ARDAN. **Financing entity:** Consorcio de la Zona Franca de Vigo. **Funding:** 27600 € each year. **Length:** from 01/01/201X to 31/12/201X. **Chief researcher:** Xosé H. Vázquez

Title: Elaboration of the Galician strategy against climate change 2050. **Reference:** CO-0020-2018. **Financing entity:** Fundación Tecnalia Research and Innovation. **Funding:** 25200 €. **Length:** from 01/02/2018 to 31/10/2018. **Chief researcher:** Xosé H. Vázquez

Title: Digitization and structural change: analysis of the Galician tractor sectors in light of the economic and technological trends associated with Industry 4.0. **Reference:** IN-0489-2017. **Financing entity:** Instituto Galego de Promoción Económica (IGAPE) **Funding:** 14500 €. **Period:** from 14/12/2017 to 30/03/2018. **Chief researcher:** Xosé H. Vázquez

Title: For an alliance in the Galician industrial sector. **Reference:** CO-0012-2017. **Financing entity:** Consello Económico E Social De Galicia, **Funding:** 53.000 €. **Period:** from 30/07/2017 to 30/02/2018. **Chief researcher:** Xosé H. Vázquez



Title: Study for the implementation and teaching organization of a school of health innovation, as well as the design of training contents for its implementation. **Reference:** IN-0372-2016 **Financing entity:** Axencia galega para a xestión do coñecemento en saúde (ACIS), **Funding:** 17000 €. **Period:** from 22/09/2016 to 15/12/2016 **Chief researcher:** Xosé H. Vázquez

Title: Strategic positioning report of the city of Vigo and its area; **Reference:** CO-0041-2015; **Financing entity:** Fundación Provigo.; **Period:** from 01/06/2015 to 30/12/2015; **Funding:** 30.991,74€; **Chief researcher:** Xosé H. Vázquez

Title: Design of a standardized synthetic indicator of innovation, measurement methodology and benchmarking tool. **Reference:** IN-0614-2015; **Financing entity:** Consorcio Zona Franca de Vigo and Axencia Galega de Innovación; **Funding:** 32000€. **Period:** from 01/04/2015 to 31/01/2016; **Chief researcher:** Xosé H. Vázquez

Title: Identification, analysis and implementation of best practices in the deployment of Lean-TICs tools for productivity improvement. **Reference:** CO-00004-2012. **Financing entity:** Jealsa Rianxeira, **Funding:** 24.018€. **Period:** from 09/01/2012 to 09/01/2013 **Chief researcher:** Xosé H. Vázquez

Title: Analysis of the innovation capacity and operational excellence of companies in the Vigo Area. **Reference:** CO-0162-2011. **Financing entity:** Consorcio de la Zona Franca de Vigo. **Funding:** 42.000€. **Period:** from 01/06/2011 to 30/11/2011. **Chief researcher:** Xosé H. Vázquez.

Title: Advice and dissemination of the organizational characteristics of the industrial plants of the future based on the experience of the public-private platform "Factories of the Future". **Reference:** IN-0214-2014. **Financing entity:** Syngenta. **Funding:** 2.160€. **Period:** from 06/02/2014 to 06/12/2014. **Chief researcher:** Xosé H. Vázquez.

Title: Development of a traceability methodology and registration of critical variables through RFID for internal logistics operations in the process plant. **Reference:** CO-0149-2010 **Financing entity:** ASM Soft. **Funding:** 27.000€. **Period:** from 1/12/ 2010 to 30/11/ 2011. **Chief researcher:** Xosé H. Vázquez

Title: Identification and innovative organizational characteristics of industrial processes for the implementation of information management systems in the cloud. **Reference:** CO-0181-2011 **Financing entity:** Accentia; **Funding:** 19.000€. **Period:** from 01/06/2011 to 30/08/2013. **Chief researcher:** Xosé H. Vázquez

C.4. Selected additional merits

Academic service: **Chief Editor** of BRQ-Business Research Quarterly (Q2 in JCR Business/Management, and Q1 in SJR Business/Economics) from December 2014 to June 2019. **Associate Editor** of BRQ from January 2012 to December 2014. **President of the organizing/scientific committee** ACEDE 2016, member of several scientific committees (35 European International Business Academy, 2009, Valencia; Regional Helix Conference, Porto, 2019).

R&D Management: Member of the **National Commission of R&D Projects** of the Ministry of Economy and Competitiveness (2014-2017; 2021-). Member of the National Commission to assess projects aiming at **strengthening Spanish OTRIS** (knowledge transfer offices) within the framework of the National Plan for Scientific Research, Development and Technological Innovation 2004-2007. Member of the "Sexenio" Committee appointed by ANECA (2021).

Policy making: **Councilor of the Galician Economic and Social Council:** 2007-2018.