

Daniel Goya

Curriculum Vitae

Pontificia Universidad Católica de Valparaíso
Escuela de Negocios y Economía
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Education

- 2012–2017 **Ph.D. in Economics**, *University of Cambridge*, Cambridge, UK.
- 2009–2010 **MSc in Economics**, *University College London*, London, UK.
- 2006–2009 **Industrial Engineer**, *Pontificia Universidad Católica de Valparaíso*, Valparaíso, Chile.
- 2007–2008 **Exchange student**, *INSA-Lyon*, Lyon, France.
- 2002–2006 **BSc Engineering**, *Pontificia Universidad Católica de Valparaíso*, Valparaíso, Chile.

Appointments

- 2017– **Assistant Professor**, *School of Business and Economics*, Pontificia Universidad Católica de Valparaíso.
- 2023–2026 **Coordinator of Policies and Institutions**, *Sustainable Productive Development Division*, Ministry of Economy, Chile.
- 2022–2023 **Advisor on productive transformation policies**, *Cabinet of the Minister*, Ministry of Economy, Chile.
- 2019–2022 **Coordinator**, *Red Chilena de Investigadores en Innovación*.
- 2018–2021 **Member of the Board**, *Elun SpA and Notros SpA*.
- 2018–2021 **Investment Committee member**, *Chrysalis business incubator*.
- 2017–2022 **Senior Economist**, *Valparaíso Labour Observatory*, CEAL, PUCV.
- 2011–2012 **Young researcher**, *Intelis Centre on the Economics of Innovation*, *Universidad de Chile*.

Publications and working papers

- 2024 **Marshallian and Jacobian externalities in creative industries: Evidence from Chile.** *Papers in Regional Science*, 103 (4), 100028. <https://doi.org/10.1016/j.pirs.2024.100028>.
- 2023 **The fear-increasing and fear-decreasing effects of a pilot policy to reduce fear of crime.** With J.M. Benavente. *PLoS ONE* 18(3): e0282461. <https://doi.org/10.1371/journal.pone.0282461>.
- 2022 **The primacy of demand and financial obstacles in hindering innovation.** With A. Zahler and M. Caamaño. *Technological Forecasting & Social Change*, 174, 121199, <https://doi.org/10.1016/j.techfore.2021.121199>.
- 2021 **Mining - The dark side of the energy transition.** With A. Marín. *Environmental Innovation and Societal Transitions*, 41, 86–88, <https://doi.org/10.1016/j.eist.2021.09.011>.
- 2021 **The network effect of Chinese competition on what domestic suppliers produce.** *Economic Modelling*, 102:105544, <https://doi.org/10.1016/j.econmod.2021.105544>.

- 2020 **The Exchange Rate and Export Variety: A cross-country analysis with long panel estimators.** *International Review of Economics and Finance* 2020; 70: 649-665. <https://doi.org/10.1016/j.iref.2020.07.001>.
- 2019 **Distance from core competences and new export survival: Evidence from multi-product exporters.** With A. Zahler. *World Economy* 2019; 42: 3253–3286. <https://doi.org/10.1111/twec.12835>
- 2014 **Public-Private Collaboration on Productive Development in Chile.** With A. Zahler, C. Bravo-Ortega and J.M. Benavente. *Inter-American Development Bank Working Paper Series No. IDB-WP-502*.
- 2014 **Complex Networks: a case study of scientific collaboration.** With J.P. Cárdenas; F. Cabrera; G. Olivares; R. Alfaro; J. Gibert; H. Samaniego; A. Palacios. In: *Las Rutas de la Complejidad*. Ediciones ISCV. Valparaíso, Chile
- 2012 **Copper Mining in Chile. IDRC Project “Opening up natural resource-based industries for innovation: exploring new pathways for development in Latin America”.** *Multiple outputs available on project website.* With J.M. Benavente.
- 2012 **Biodiversity and Natural Resources for Sustainability.** *Parcerias Estratégicas, Edição especial Rio+20*. Vol. 17, n. 35, Brasília-DF.
- 2010 **Innovation Networks as a factor in Economic Development.** With J. Vrsalovic and N. Sáinz. *Ediciones Universitarias de Valparaíso*. ISBN: 978-956-17-0467-1.
- 2007 **Caracterización de los hogares bajo la línea de pobreza: un análisis econométrico para la quinta región.** With H. De la Fuente, and J. Cartagena. *Revista Ingenierare*, n 21, pp. 27-36.

Work in progress

Sustainability transitions in mining: forces of lock in and change. With Anabel Marín.

Una aplicación crítica de Políticas Orientadas por Misión a nivel subnacional en América Latina: al caso de la Región de Valparaíso, Chile. With Diego Cabello.

Consultancy

- 2021 **Inter-American Development Bank**, *cost-effectiveness analysis of government modernization project loan to the Chilean government*.
- 2020 **Phibrand**, *design of innovation survey for mining suppliers*.
- 2019-2020 **Inter-American Development Bank**, *research consultancy on the economics of creative industries*.
- 2017-2019 **Inter-American Development Bank**, *design and execution of impact evaluation of a pilot policy to reduce crime-related insecurity*.
- 2017-2018 **Inter-American Development Bank**, *research consultancy on obstacles to innovation in Chile. Project led by Andrés Zahler*.
- 2017 **Budget Office, Ministry of Finance, Chile**, *outcome evaluation, Corfo innovation support policies*.
- 2014 **UNIDO-GIZ**, Research Assistant, Enhancing the Quality of Industrial Policies project.

2010-2012 **International Development Research Center**, *research project on sustainable technological trajectories. Together with José Miguel Benavente, project Led by Anabel Marín.*

Teaching experience

Average evaluation

2023	Lecturer , <i>Economics of Innovation</i> , Master in Public Administration, PUCV.	N/A.
2021	Lecturer , <i>Economics of Innovation</i> , Short course for CONACYT Paraguay and Inter-American Development Bank.	N/A.
2019-	Lecturer , <i>Econometrics</i> , Business School, PUCV.	3.92/4.
2018-	Lecturer , <i>Innovation and Economic Development</i> , Business School, PUCV.	3.94/4.
2013-2016	TA , <i>Econometrics</i> , Diploma in Economics, Uni. of Cambridge.	4.7/5.0.
2014-2016	TA , <i>Microeconometrics</i> , MPhil in Economics, Uni. of Cambridge.	4.4/5.0.
2015-2016	TA , <i>Statistical Methods II</i> , PhD students, London Business School.	N/A.
2011-2012	Lecturer , <i>Innovation policy</i> , MPP, Universidad de Chile.	6.2/7.0.
2011-2012	Lecturer , <i>Globalisation and Innovation</i> , Industrial engineering, PUCV.	4.7/5.0.

Seminars

2023	Segundo Encuentro Red Chilena de Investigadores en Innovación.
2021	Sociedad Chilena de Políticas Públicas; SECHI 2021; 12th International Sustainability Transitions Conference; Globelics 2021; RIE/MEIDE 2021.
2020	Academic webinar, Red Chilena de Investigadores en Innovación; ENEFA 2020.
2019	Encuentro Red Chilena de Investigadores en Innovación, Talca; Economics Seminars Universidad de Talca, Santiago.
2018	LALICS 2018, Mexico City, Mexico; International Schumpeter Society Conference, Seoul; INET's YSI Latin America Convening, Buenos Aires; SECHI 2018, Valparaíso; Seminarios de innovación, Universidad Adolfo Ibáñez, Santiago; Escuela de Negocios, Universidad Adolfo Ibáñez, Viña del Mar.
2017	MEIDE 2017, Montevideo; LACEA 2017, Buenos Aires; SECHI 2017, Santa Cruz.
2016	Departamento de Economía, Universidad de Chile; Departamento de Economía, Universidad de Santiago; Escuela de Negocios, Universidad Adolfo Ibáñez, Santiago.
2015	European Trade Study Group Conference, Paris.
2014	European Trade Study Group Conference, Munich.
2012-2016	Faculty of Economics, University of Cambridge, Econometrics, Empirical Micro, Macroeconomics and Networks working groups.
2012,2013	Intelis Seminars on the Economics of Innovation, Departamento de Economía, Universidad de Chile.

Grants and Awards

- 2019 CYTED Network "Políticas de Ciencia, Tecnología e Innovación orientada a la solución de problemas nacionales", coordinator for Chile.
- 2019 Inter-American Development Bank Call for Papers on "Creative Economy, Innovation and Economic Development".

- 2017 Inter-American Development Bank-RedSur joint call "Obstacles to Innovation in Latin America and the Caribbean", Joint With Andrés Zahler and Matías Caamaño.
- 2016 Wrenbury Fund Award, Faculty of Economics, Cambridge.
- 2015 Raymond Burton Fund Award, Faculty of Economics, Cambridge.
- 2012 CONICYT scholarship (Becas Chile) for PhD studies at Cambridge University.
- 2009 CONICYT scholarship (Becas Chile) for Master's degree studies at University College London.

Teaching Awards

- 2023 Distinguished Teaching Award 2023, Pontificia Universidad Católica de Valparaíso.
- 2021 Distinguished Teaching Award 2021, Pontificia Universidad Católica de Valparaíso.
- 2020 Distinguished Teaching Award 2020, Pontificia Universidad Católica de Valparaíso.
- 2015 Best Graduate Teaching Assistant 2014-2015, Faculty of Economics, Cambridge.
- 2014 Cambridge University Students' Union's Teaching Excellence Award.

Refereeing activity

Research Policy, Cambridge Journal of Economics, American Economic Journal: Microeconomics, Empirical Economics, Journal of Technology Management & Innovation, Academia Revista Latinoamericana de Administración, Estudios Públicos, Revista INNOVAR.

Languages

Spanish	Native
English	Advanced
French	Advanced