

## **ENRIQUE LÓPEZ-BAZO**

Universitat de Barcelona- AQR-IREA. Dpt. of Econometrics, Statistics and Applied Economics  
[elopez@ub.edu](mailto:elopez@ub.edu)

Orcid: <https://orcid.org/0000-0002-4654-8237>

**CURRENT POSITION** Full professor, UB

**FIELDS** Regional and Urban Economics, Spatial Economics, Labour Market, Economic Growth, Economic Geography

### **CURRENT TEACHING**

Regional and Urban Economics (Official Master's Degree) - Economics - University of Barcelona.

Econometrics II (Official Master's Degree) - Economics - University of Barcelona.

Econometrics II (Bachelor's Degree) - Economics (1) - University of Barcelona

### **MAIN PUBLICATIONS**

Spatial and Spatio-temporal Epidemiology. In press, Applied Economic Analysis, JCMS: Journal of Common Market Studies, The Annals of Regional Science, Papers in Regional Science, Journal of Regional Research, Telecommunications Policy.

### **RESEARCH PROJECTS**

Cities and Sustainable Globalization: Inputs and Outputs of Urbanisation. Spanish Ministry of Science and Innovation,

The spread of COVID-19 and effects on the Spanish Economy. A regional analysis. AGAUR- Generalitat de Catalunya,

Perception and Evaluation of Regional and Cohesion policies by Europeans and Identification with the Values of Europe

### **OTHER PROFESSIONAL ACTIVITIES**

Senior Scientist, Grant Holder 40 at JRC-IPTS, European Commission. Knowledge for Growth Unit, Regional Modelling Action. 2010- 2012

Elected member of the Director's Board of the Spanish Free Economics Association – ALdE. 2010-2014

Elected member of the EOC-ERSA. 2003-2007

Member of the European Regional Science Association, ERSA (<http://www.ersa.org>)

Member of the Reference Network in Applied Economics (XREAP) (<http://www.pcb.ub.es/xreap>)

Jury member of the European Prize in Regional Science

Member of the editorial board of Spatial Economic Analysis, ecos de Economia.

Referee for international journals, including Journal of Economic Geography, Regional Science and Urban Economics, Journal of Regional Science, Papers in Regional Science, European Economic Review, Industrial and Corporate Change, Agricultural Economics, Economic Geography, Regional Studies, Spatial Economic Analysis, Empirical Economics, International Regional Science Review, Growth and Change, Economics Bulletin, China Economic Review, Annals of Regional Science.

## **MARIA LLOP-LLOP**

UNIVERSITAT ROVIRA I VIRGILI- DEPARTAMENT D'ECONOMIA

Open Researcher and Contributor ID (ORCID) 0000-0001-6609-7528

[maria.llop@urv.cat](mailto:maria.llop@urv.cat)

**CURRENT POSITION** Full professor, URV, since 2018

**FIELDS** Environmental Economics, Energy Economics, Computable General Equilibrium, Public Economics

### **PREVIOUS POSITION**

2008-2018- Associate Professor (TU) of Economic Theory / URV

1995-2008 Associate Professor (TEU) of Economic Theory / URV

1993-1995 - Part-time Professor of Economic Theory / URV

### **SUMMARY**

I started my academic studies at the University of Barcelona (Bachelor in Economics and Business Sciences, 1993). In 2001, I obtained the PhD in Economics (Rovira i Virgili University), with the thesis 'A general equilibrium analysis of the Catalan economy' supervised by Dr. Antonio Manresa (University of Barcelona) that received the Extraordinary Doctorate Award. In 2012, I acquired the Spanish accreditation to become Full Professor (ANECA). At the Department of Economics of the URV, I have occupied the following categories: Part-time Professor (1993-1995), Professor 'Titular de Escuela Universitaria' (1995-2008), Associate Professor (2008-2018) and Full Professor (2018-present). My research activity has received 4 six-year terms recognition (last awarded in 2023).

I have published 37 articles in JCR journals (18 Q1, 17 Q2), 19 articles in other national and international journals, 3 books, 13 book chapters and 1 edited e-book. My stays in foreign research centres (Economic and Social Research Institute – Ireland: 2011, 2012; Dublin Institute of Technology – Ireland: 2013; Environmental Research Institute of the University College of Cork – Ireland: 2017, 2018) resulted in fruitful collaborations with international research groups.

My participation in competitive research projects started in 1998 (funded by the Generalitat de Catalunya) and 2001 (funded by the Spanish National Plan), from 2010 as Principal Investigator. I have been reviewer for the European Commission (H2020 Programme and Horizon Europe), the Agencia Estatal de Investigación (National Plan R+D+i) and the Agència Catalana AQU, as well as referee for many international and national journals.

I have participated in 35 conferences, organized by associations such as Ecomod, Regional Science Association, or the Western Economic Association.

I have directed 4 doctoral theses defended to date, and I am currently supervising 2 thesis. I have directed 8 projects of technology transfer resulting from agreements with public and private institutions, and I have been in the team of another 12 transfer projects.

I have occupied the following management positions: Secretary of the Department of Economics at URV (2003-2006), Director of the Research Centre in Industrial and Public Economics-CREIP at URV (2010-2013), Director of the Chair of Energy and Development at URV (2014-2017), Principal Investigator of the Research Group 'Quantitative, Urban and Regional

Economics QURE' at the URV (2015-2023) and of the Research Group 'Economic Challenges for the Next Generation ECO-NEXT' (from 2023), and Director of the Department of Economics of the Universitat Rovira i Virgili (from 2022).

## **LIBERTAD GONZÁLEZ**

Universitat Pompeu Fabra (Dept. of Economics and Business) and Barcelona School of Economics  
libertad.gonzalez@upf.edu  
<https://libertadgonzalez.com/>

**CURRENT POSITION** Full professor, UPF since April 2024..

**FIELDS** Labor Economics, Public Economics, Health Economics, Family Economics, Population Economics.

**RESEARCH IMPACT** Web of Science (ResearcherID): 26 published articles, 821 citations, h-index 16. Google Scholar: 3,402 citations, h-index 24. RePEc: Ranked in the top 5% of all authors (last 10 years)).

### **PROFESSIONAL AFFILIATIONS:**

ESADE Policy Impact Lab, since 2020. CESifo Research Network, research fellow since 2019. Barcelona School of Economics, affiliated professor since 2006. Institute for the Study of Labor (IZA), Bonn, research fellow since 2005. Center for Research and Analysis of Migration (CreAM), research fellow since 2007.

### **MAIN PUBLICATIONS**

*Journal of Human Resources, Journal of Health Economics, Review of Income and Wealth , PNAS, Fiscal Studies, Health Economics , Journal of Economic Behavior & Organization , Economics and Human Biology*

### **CURRENT TEACHING**

Gender and Economics (undergrad), UPF, 2020-24. Topics in Applied Economics (graduate), UPF, 2016-22. Labor Economics Summer School, Barcelona GSE, 2016-23.

### **GRANTS AND AWARDS**

ClosinGap prize on “Professional career linked to the generation of economic knowledge unequal opportunities” (2024).

ERC Consolidator Grant (“The Causal Effect of Early Interventions on Child Health and Human Capital”), 2018-2024.

ICREA Acadèmia award, 2015-19 and 2020-24.

Social Research La Caixa Foundation (“Flexible work arrangements and gender inequality in the labor market”), 2022 (PI: Lúdia Farré).

Estimating the cost of child poverty in Spain (La Caixa Foundation and Alto Comisionado para la Pobreza Infantil), 2021 (PI).

### **EDITORIAL WORK**

Guest Editor, Labour Economics (special EALE conference issue), 2023.

Co-Editor, Journal of Demographic Economics, since 2021.

Associate Editor, Revista de Economía Aplicada, 2015-16

## ALEJANDRO ESTELLER

Universitat de Barcelona - Departament d'Economia - IEB

aesteller@ub.edu

<https://sites.google.com/view/aestellermore/>

### CURRENT POSITIONS

Full professor. Director of the research program on Tax Systems Analysis (2014--)

Researcher (2000-

Member of the Council of Government (since April 2000) Universitat Oberta de Catalunya (Open University) Adjunct professor (July 1998--) EAE Business School (UPC) Adjunct professor (October 2010--)

### MAIN JOURNALS

Hacienda Pública Española/Review of Public Economics Associate Editor (April 2012—May 2021) Co-Editor (joint with Joel Slemrod) of a 2021 Special Issue on “Real Consequences of Tax Administration and Enforcement” Member of the Editorial Board (June 2021--) Investigaciones Regionales – Journal of Regional Research Associate Editor (January 2021--) Research Network in Financiación autonómica y Descentralización financiera in Spain (RIFDE) Researcher (October 2013--)

### CURRENT TEACHING

Universitat de Barcelona (1997--) Faculty of Economics: Public Finance, Spanish Taxation (current coordinator), Topics in Public Economics, Fiscal Federalism, Regional and Local Finance, Economics of Taxation (Master and PhD level)

**RESEARCH INTEREST** Public Economics, Fiscal Federalism

**RESEARCH EXPERIENCE** last five years (includes Funded Research Projects)

Co-conductor, joint with JM Durán-Cabré, of a “Survey of tax professionals’ opinions and attitudes towards the Spanish Tax System”, National Association of Economists and Tax Advisors (REAF), Madrid. Ed.: 2020-2023.

PI of the Project “Cálculo y análisis del impacto de reformas tributarias en España”, Fundación OXFAM Intermón, with JM Durán, 2019.

“Mobility and avoidance in modern tax systems”, with U. Galmarini, IEF, Madrid. 2020-2021

“Tax Systems and Inequality”, Fundación Bancaria “laCaixa” 2020-21.

Member of the advisory committee, joint with J.M. Durán, to apply the 2017 IEB methodology to calculate, in this case, the 2018 Tax Gap in Catalonia, *Catalonian Tax Agency*. 2020- 2021.

PI of a commissioned project by the *Government of Andorra* to set up a methodology and calculate the "Tax Gap" of the country. 2021-24.

Member of a Commissioned project by the *Consejo General de Economistas de España* to write a Chapter on “Environmental Taxation”. 2021.

Member of the research project (“Retos Call”): “Social Policies and Fiscal Policies in Pandemic Times” (PID2021-126652NB-I00), Spanish Ministry of Science, Innovation and Universities, PI: Judit Castelló-Vall. 2022-24.

Member of a Commissioned project by the *Col·legi d'Economistes de Catalunya* on “The analysis of positive tax discrimination for regions located in high mountain areas”. Period: 2022-2023.

Member of a Commissioned project by the *City Council of Barcelona*: “Technical Report of the proposed Fee on Postal Operators (*Taxa Amazon*): Calculation of the tax base”. 2022-2023.

“Personal Income Tax Calculator”, *Consejo General de Economistas de España*, with JM Durán, 2023.

“Fiscal Simulator: Taxes and Public Expenditure” *Fundación OXFAM Intermón*, with JM. Durán 2023-24

## **CAROLINA MANZANO**

UNIVERSITAT ROVIRA I VIRGILI- DEPARTAMENT D'ECONOMIA

Open Researcher and Contributor ID (ORCID) 0000-0001-7160-0562

[carolina.manzano@urv.cat](mailto:carolina.manzano@urv.cat)

**CURRENT POSITION** Associate professor, URV, since 2002

**FIELDS** Financial Economics, Information Economics, Fiscal and Monetary Policies

### **PREVIOUS POSITION**

25/09/2000-08/11/2002- Interim Associate Professor (TU) / URV

01/10/1999 -24/09/2000 Second-Cycle Assistant Lecturer/ URV

01/10/1996-30/09/1999 Visiting Lecturer/Universidad Carlos III de Madrid

15/09/1995-15/09/1996 Assistant Lecturer/Universitat Autònoma de Barcelona/

01/09/1991-31/08/1995 – Research Assistant (Fellow) /Universitat Autònoma de Barcelona/

### **SUMMARY**

My research activity focuses on three areas of Economic Analysis: General Equilibrium Theory, Financial Markets Theory, and Fiscal and Monetary Policy Theory. Regarding General Equilibrium Theory, I have made two notable contributions: my Master's thesis and Chapter 3 of my doctoral dissertation, which was published in the Journal of Mathematical Economics. In the field of Financial Markets Theory, I have produced a total of 11 articles, 10 of which have been published in journals indexed in Scopus and JCR. These publications include leading journals in Finance, such as The Journal of Finance, Journal of Financial Intermediation, and Journal of Financial Markets, as well as journals in Economic Theory, such as Theoretical Economics, Journal of Economic Theory, and Journal of Mathematical Economics. As for Fiscal and Monetary Policy Theory, I have co-supervised a doctoral dissertation and published 10 articles, all of them in journals indexed in Scopus and/or JCR, including Contemporary Economic Policy, International Journal of Central Banking, and Journal of Macroeconomics. Since 2009, I have been the Principal Investigator of the Grup de Recerca en Organització i Decisió Econòmiques (GRODE), the Economic Theory research group at the Rovira i Virgili University (URV), which was recognized as a consolidated research group by AQU in 2014 and 2017. Currently, GRODE has merged with another research group, resulting in ECO-NEXT, which has also been recognized as a consolidated research group by AQU.

Finally, regarding awards and recognitions, I would like to highlight the following:

1. I have been awarded four research evaluation periods (sexenios) by ANECA and three by AQU.
2. I have obtained six teaching evaluation periods (quinquenios).
3. I received the Advanced Research Accreditation (AQU) in 2014 and the ANECA Full Professor Accreditation in 2025.
4. I was awarded the "Research Development Award", granted by the Department of Economics and Economic History of the UAB and the Institute for Economic Analysis (CSIC), for the best research work in the International Doctorate in Economic Analysis during the 1992–1993 academic year.
5. I received the X Finance Forum Award, granted by the Spanish Finance Association for the best paper presented at that conference.

## **ALBERT BANAL-ESTAÑOL**

Universitat Pompeu Fabra- Departament d'Economia

<http://albertbanalestanol.com>

Orcid id: 0000-0002-4797-8677

[albert.banalestanol@upf.edu](mailto:albert.banalestanol@upf.edu)

### **CURRENT POSITION**

Albert is Professor Associate Professor at Universitat Pompeu Fabra (UPF), Affiliated Professor at City University of London, affiliated Professor at the Barcelona School of Economics (BSE), Visiting Professor of the College of Europe in Brugge/Bruges (Belgium), and research fellow at the IESE Business School and at the DIW Berlin. Albert Director of the MSc in Finance and Banking at the UPF-BSM, Deputy Director of the MSc in Economics of Energy, Climate Change, and Sustainability at the BSE, and former director of the MSc in Competition and Regulation at City University of London. Previously, he held teaching and research positions at the University of Western Ontario in Canada, IFP-Energies Nouvelles in France, Northwestern University in the US, the University of Cambridge and London Business School in the UK and the University of Mannheim in Germany.

### **RESEARCH INTERESTS**

Corporate Finance, Industrial Organization, Competition and Regulation, Energy, Mergers, R&D.

### **CURRENT TEACHING**

Albert has over 15 years of experience undertaking research, teaching and consultancy in the areas of competition policy and regulation, corporate finance, and energy and sustainability. His research uses (and combines) a wide variety of theoretical, econometric, experimental and numerical techniques. Albert has published more than 25 articles in some of the most prestigious academic journals in these areas. His articles have been published in leading international peer-reviewed journals such as *Management Science*, the *Review of Financial Studies* and *Research Policy*, all of them included in the FT Top 50 list and in the ABS 4\* category.

Albert is member of the Academic Panel of the UK's energy regulator, the Office for Gas and Electricity Markets (Ofgem) and of the UK's competition authority, the Competition and Markets Authority (CMA). He is also member of the Scientific Council of the IFP-Energies Nouvelles in Paris. Albert is former President and member of the Governing Council of Som Energia, a Spanish cooperative that produces and sells renewable energy.

### **MAIN PUBLICATIONS**

Albert has co-written and acted as a technical expert in several reports for consultancies, energy regulators, competition authorities, governmental agencies and non-governmental organisations, such as E.CA Economics, the UK's OFT, the European Commission's Directorate General (DG) for Competition, the European Parliament and the European Climate Foundation (ECF). Some of his recent reports include "Towards Net-Zero? Gas Infrastructure and Investment Regulation in Spain" for ECF and "The Economic Impact of Enforcement of Competition Policies on the Functioning of EU Energy Markets" for the European Commission's DG for Competition.

### **OTHER PROFESSIONAL ACTIVITIES**

Albert has been the co-director of the executive courses on "Sustainable Finance" and "Energy Economics: Current Methods and Policy Challenges" at the BSE. Albert has also organised and

delivered an extensive range of more than 20 in-house professionally-oriented executive training courses for (i) energy regulators and competition authorities such as Mexico's Comisión Federal de Competencia Económica (COFECE), (ii) government agencies such as the UK's Department for Business, Enterprise and Regulatory Reform and (iii) private companies such as Gaz de France/Engie. Albert has also organised several courses on energy regulation, competition policy and project finance for regulators across Africa in several African cities in collaboration with the World Bank, the EU and the African Forum for Utility Regulators.

Universidad de Zaragoza – Departamento de Análisis Económico

[rduarte@unizar.es](mailto:rduarte@unizar.es)

Orcid: <https://orcid.org/0000-0003-3113-1698>

**CURRENT POSITION** Full professor of Economic Analysis

**FIELDS:** Multisectorial Modelling, Input-output, Environmental and Resources Economics, Structural and Technological Change, CGE models, Microeconometrics

## SUMMARY

Rosa Duarte is Full Professor of Economic Analysis at the University of Zaragoza (UZ). She holds a PhD in Economics from the UZ (1999), with an Extraordinary Doctorate Award. She is a member of the Postgraduate Studies Committee of the UZ and secretary of the Academic Committee of the PhD Programme in Economics.

She currently serves as Head of the Department of Economic Analysis at UZ. She coordinated the PhD Programme in Economics (2016-2019), the Master in Economics (2014-2016).

She is principal investigator of the Reference Research Group "Growth, demand and natural resources" (S40\_R20). Her main contributions have focused on the extension and application of multisectorial models and indicators (input-output, multiregional models, social accounting matrices, applied general equilibrium models) in different directions, studying their adaptation to different economic-social-environmental phenomena, their validity at different scales and their explanatory capacity, developing techniques of temporal and spatial structural decomposition analysis, scenario analysis and econometric analysis. The adaptation of these models to capture water, carbon and social footprints in a highly globalized context, the studies on the anatomy of global and regional value chains and their implications for income, gender and environmental inequalities have been recent important contributions to the field.

Duarte has published more than 80 indexed articles (68 in the JCR, 36 Q1), 15 book contributions and has presented over 100 communications in national and international conferences. Her citation profile is 1584 (Web of Science, h=24), 1870 (Scopus, h=28), 3453 (Google Scholar Citations, h=35). She has positive evaluation for 4 six-year research periods (National Research Commission). The most important publications in *Energy Economics*, *Structural Change and Economic Dynamics*, *Energy Economics*, *Energy Policy*, *Economic Modelling*, *Ecological Economics*, *Economic Systems Research*

She has supervised 8 PhD thesis, five of them with International Mention and competitive national and regional research grants (3 FPU, 1 FPI, 1 regional PhD program), currently supervising other 5 PhD theses (1 FPU, 2 competitive regional grants, 2 professionals).

Visiting scholar at Cornell University (2017 Salvador de Madariaga Program, and 2018).

She has participated in more than 50 research projects and contracts, being PI in more than 20 competitive calls, among others the current Ministry of Science and Innovation project (PID2022-140010OB-I00), the previous PID2019-106822RB-I00, ECO2016-74940-P, ECO2013-41353, the European Project SIGMA (European Commission-JCR-IPTS) and a project for the Programa de Naciones Unidas para el Desarrollo.

She is WP leader for the project EU Horizon project PANTHEON and PI of the winning team of the "Ángela López Award" for Research 2011 of the Economic and Social Council of Aragon (Government of Aragon).

Duarte has been recently appointed as Editor for the journal *Economic Systems Research* (ESR) (JCR indexed journal), the journal of the International Input-Output Association. Currently, she serves as President of the Spanish-American Society of IO Analysis, SHAI0, (2021-present) and Vice-President of the

Aragonese Association of Regional Science (2017- present). Council member of the IIOA (2013-2017, currently appointed member as ESR Editor) and Head of the School on IO Analysis, 2016-2018.

Scientific Expert for the 7th European Framework, panel member for the EU program Water4all and NSCP Poland (H4 social sciences), and DEVA (Andalucía, Spain), evaluator for Austrian Science Foundation and ANEP. Scientific

Expert for the PhD programme "Economia, Territorio e Ambiente" (U. Macerata, Italy). Examiner in several international doctoral thesis committees (e.g. University of Cambridge, UK, 2014; Indian Institute of Technology, Guwahati, 2019; University of East Anglia, UK, 2020 (2); NTU (Norway), 2021), member of more than 15 other doctoral thesis committees, recruitment and promotion committees (including Serra Húnter Programme, external referee promotions at the Chinese Academy of Science, among others).

## **MARIA LLOP-LLOP**

UNIVERSITAT ROVIRA I VIRGILI- DEPARTAMENT D'ECONOMIA

Open Researcher and Contributor ID (ORCID) 0000-0001-6609-7528

[maria.llop@urv.cat](mailto:maria.llop@urv.cat)

**CURRENT POSITION** Full professor, URV, since 2018

**FIELDS** Environmental Economics, Energy Economics, Computable General Equilibrium, Public Economics

### **PREVIOUS POSITION**

2008-2018- Associate Professor (TU) of Economic Theory / URV

1995-2008 Associate Professor (TEU) of Economic Theory / URV

1993-1995 - Part-time Professor of Economic Theory / URV

### **SUMMARY**

I started my academic studies at the University of Barcelona (Bachelor in Economics and Business Sciences, 1993). In 2001, I obtained the PhD in Economics (Rovira i Virgili University), with the thesis 'A general equilibrium analysis of the Catalan economy' supervised by Dr. Antonio Manresa (University of Barcelona) that received the Extraordinary Doctorate Award. In 2012, I acquired the Spanish accreditation to become Full Professor (ANECA). At the Department of Economics of the URV, I have occupied the following categories: Part-time Professor (1993-1995), Professor 'Titular de Escuela Universitaria' (1995-2008), Associate Professor (2008-2018) and Full Professor (2018-present). My research activity has received 4 six-year terms recognition (last awarded in 2023).

I have published 37 articles in JCR journals (18 Q1, 17 Q2), 19 articles in other national and international journals, 3 books, 13 book chapters and 1 edited e-book. My stays in foreign research centres (Economic and Social Research Institute – Ireland: 2011, 2012; Dublin Institute of Technology – Ireland: 2013; Environmental Research Institute of the University College of Cork – Ireland: 2017, 2018) resulted in fruitful collaborations with international research groups.

My participation in competitive research projects started in 1998 (funded by the Generalitat de Catalunya) and 2001 (funded by the Spanish National Plan), from 2010 as Principal Investigator. I have been reviewer for the European Commission (H2020 Programme and Horizon Europe), the Agencia Estatal de Investigación (National Plan R+D+i) and the Agència Catalana AQU, as well as referee for many international and national journals.

I have participated in 35 conferences, organized by associations such as Ecomod, Regional Science Association, or the Western Economic Association.

I have directed 4 doctoral theses defended to date, and I am currently supervising 2 thesis. I have directed 8 projects of technology transfer resulting from agreements with public and private institutions, and I have been in the team of another 12 transfer projects.

I have occupied the following management positions: Secretary of the Department of Economics at URV (2003-2006), Director of the Research Centre in Industrial and Public Economics-CREIP at URV (2010-2013), Director of the Chair of Energy and Development at URV (2014-2017), Principal Investigator of the Research Group 'Quantitative, Urban and Regional Economics QURE' at the URV (2015-2023) and of the Research Group 'Economic Challenges for the Next Generation ECO-NEXT' (from 2023), and Director of the Department of Economics of the Universitat Rovira i Virgili (from 2022).

## **AMEDEO STEFANO EDOARDO PIOLATTO**

Universitat Autònoma de Barcelona (UAB)

Barcelona School of Economics (BSE); Barcelona Institute of Economics (IEB); Unit of Economic Analysis (UFAE) / Dept. Economics and Econ. History

Orcid: <https://orcid.org/0000-0002-3571-8069>

Wb: <https://sites.google.com/site/piolatto/>

**CURRENT POSITION** Associate professor

**FIELDS** Economic policy; Economic theory; Industrial economics; Microeconomics; Political economy; Public economy

### **PREVIOUS POSITION**

2018-2023 Ramón y Cajal researcher / Universitat Autònoma de Barcelona

2008 PhD in Economics – Toulouse School of Economics

### **RELEVANT ACCOMPLISHMENTS**

#### **Main Publications**

Most important publications in national or international peer-reviewed journals, books and conferences

Alex Rees-Jones; John D'Attoma; Amedeo Piolatto; Luca Salvadori. 2022. Experience of the COVID-19 Pandemic and Support for Safety-Net Expansion. *Journal of Economic Behavior & Organization*. 200, pp.1090-1104. Google Scholar (26) <https://doi.org/10.1016/j.jebo.2022.07.002>

Montalvo, J.G.; Piolatto, A.; Raya, J.2020. Transaction-tax evasion in the housing market. *Regional Science and Urban Economics*. 81. Google Scholar (12), [doi.org/10.1016/j.regsciurbeco.2020.103526](https://doi.org/10.1016/j.regsciurbeco.2020.103526)

Piolatto, A.; Rablen, M.D.2017. Prospect theory and tax evasion: a reconsideration of the Yitzhaki puzzle. *Theory and Decision*. 82-4, pp.543-565. Google Scholar (62) <https://doi.org/10.1007/s11238-016-9581-9>

Boffa, F.; Piolatto, A.; Ponzetto, G. 2016. Political centralization and government accountability. *Quarterly Journal of Economics*. 131-1, pp.381-422. Google Scholar (103) [doi.org/10.1093/qje/qjv0352](https://doi.org/10.1093/qje/qjv0352)

Piolatto, A.; Schuett, F. 2015. Media competition and electoral politics. *Journal of Public Economics*. 130, pp.80-93. Google Scholar (31) <https://doi.org/10.1016/j.jpubeco.2015.04.003>

Amedeo Piolatto; Florian Schuett. 2025. Platform Design and Rent Extraction. *Journal of Industrial Economics*. 73, pp.124-166.

Gianmarco Daniele; Amedeo Piolatto; Willem Sas. 2024. Does the Winner Take It All? Federal Policies & Political Extremism. *Regional Studies & Urban Economics*. 105.

Federico Boffa; Francisco Cavalcanti; Christian Fons-Rosen; Amedeo Piolatto. 2024. Drought-reliefs and Partisanship. *Oxford Bulletin of Economics and Statistics*. 86, pp.187-208.

Esteban Muñoz Sobrado; Amedeo Piolatto; Antoine Zerbini; Federica Braccioli. 2024. The Taxing Challenges of the State: Unveiling the Role of Fiscal & Administrative Capacity in Development. *CESifo Economic Studies*.

Daniel Montolio; Amedeo Piolatto; Luca Salvadori. 2022. Financing Public Education when Altruistic Agents have Retirement Concerns. *Economic Inquiry*. 60, pp.1559-1580. Google Scholar (5) <https://doi.org/10.1111/ecin.13094>

Piolatto, A.; Trotin, G. 2016. Optimal income tax enforcement under prospect theory. *Journal of Public Economic Theory*. 18-1, pp.29-41. ISSN 1097-3923. Google Scholar (10) [doi.org/10.1111/jpet.12143](https://doi.org/10.1111/jpet.12143)

Piolatto, A. 2015. Itemised Deductions: A Device to Reduce Tax Evasion. *German Economic Review*. 16-4, pp.422-438. Google Scholar (11) <https://doi.org/10.1111/geer.12059>

Piolatto, A.; Schuett, F.2012. Music piracy: a case of 'the rich get richer and the poor get poorer'. *Information Economics and Policy*. 24-1, pp.30-39. Google Scholar (36) <https://doi.org/10.1016/j.infoecopol.2012.01.002>

Piolatto, A.2011. Plurality versus proportional electoral rule: which is most representative of voters?. *European Journal of Political Economy*. 27, pp.311-327. Google Scholar (10) <https://doi.org/10.1016/j.ejpoleco.2010.12.002>

Piolatto, A.2010. Education and selective vouchers. *Economics of Education Review*. 29-6, pp.993-1004. Google Scholar (9) <https://doi.org/10.1016/j.econedurev.2010.03.007>

### **Research projects and contracts**

Project. PID2022-137707NB-I00, Heterogeneidad regional en la capacidad fiscal: sus causas y consecuencias sobre centralización, provisión de bienes y movilidad.. Generación de conocimiento. Amedeo Piolatto. (Universitat Autònoma de Barcelona). 01/12/2023- 01/12/2026. 96.875 €. Principal investigator.

Project. CNS2022-135749, Heterogeneidad regional en la capacidad estatal: causas e implicaciones sobre centralización, provisión de bienes y movilidad.. Consolidación Investigadora. Amedeo Piolatto. (Universitat Autònoma de Barcelona). 01/07/2023- 01/07/2025. 160.269 €. Principal investigator.

## **ANTONIO PENTA**

### **Full professor- Universitat Pompeu Fabra**

#### **Education**

- PhD in Economics, University of Pennsylvania, 2010
- Master in Economics, University of Pennsylvania, 2008
- *Laurea* in Economics, Bocconi, 2004

#### **Professional experience**

##### **Academic Positions:**

- ICREA Research Professor (2018 – present)
- Professor, Universitat Pompeu Fabra – Dept. of Economics and Business (2017- present)
- BSE Research Professor (2025 – present)
- Associate Professor (with tenure), University of Wisconsin, Madison – Dept. of Economics (2016-2018)
- Assistant Professor, University of Wisconsin, Madison – Dept. of Economics (2010-2016)

##### **Other Affiliations:**

- Associate Faculty, Toulouse School of Economics (2018- present )
- Associate Faculty, Barcelona School of Economics (2017-present)

##### **Editorial Positions:**

- Joint Managing Editor, Review of Economic Studies (2025-present)
- Member of the Editorial Board, American Economic Review (2020-present)
- Member of the Editorial Board, Review of Economic Studies (2020-present)
- Associate Editor, Decisions in Economics and Finance (2022-present)
- Associate Editor, SERIEs: Journal of the Spanish Economic Association (2026-present)
- Associate Editor, Journal of Economic Theory (2016-2024)
- Associate Editor, Theoretical Economics (2019-2024)

##### **Honours and Awards**

- Keynote, Coalition Theory Network Conference, Univ. di Padova (2026)
- *Focus talk*, European Summer Symposium in Economic Theory, Gerzensee (2025)
- Keynote, Esade Workshop in Behavioral and Experimental Economics (2025)
- Summer School of the Econometric Society – 2024 Asian School in Economic Theory, NYU-AD (2025)
- Keynote, Economic Theory Festival, Univ. of Queensland (2023)
- EJ Referee Prize (2022)
- JEEA Excellence in Refereeing Award (2022)

- Semi-Plenary Speaker, GAMES 2020.1: VI-World Congress of the Game Theory Society (2021)
- Keynote, Behavioral Research in Economics Workshop, IIM, Ahmedabad (2019)
- Keynote, ICEF Workshop (2019)
- Best Teacher Award, UW-Madison (2014)
- McKenzie Prize for Excellence in Research, UW-Madison (2013)
- William Polk Carey Prize in Economics, University of Pennsylvania (2011)
- David Cass/Beth Hayes Prize for Graduate Research Accomplishment in Economics, University of Pennsylvania (2009)
- “Mario Pannunzio” prize, Accademia dei Lincei (2008)
- Gold Medal for Best Graduates, Bocconi (2004)

### Main Grants

- 2022 ERC Consolidator Grant, Principal Investigator, n.101089139, [“Personality, Preferences and Reference Dependence”](#), (2024-2028)
- 2017 ERC Starting Grant, Principal Investigator, n. 759424, on [“Strategic Uncertainty in Economic Environments and Digital Marketing Agencies”](#) (2018-2023)

### Selected publications

- [“A Network Solution to Robust Implementation: the case of Identical but Unknown Distributions”](#) (with Mariann Ollár), *Review of Economic Studies*, Vol. 90, Issue 2, October 2023.
- [“Cost-Benefit Analysis in Reasoning”](#) (with Larbi Alaoui), *Journal of Political Economy*, Vol. 130(4), April 2022.
- [“Rationalizability, Observability and Common Knowledge”](#) (with Peio Zuazo-Garin), *Review of Economic Studies*, Vol. 89, Issue 2, March 2022: 948–975.
- [“Marketing Agencies and Collusive Bidding in Online Ad Auctions”](#) (with Francesco Decarolis and Maris Goldmanis) *Management Science*, Vol.66, No 10, 4433-4454, November 2020.
- [“Full Implementation and Belief Restrictions”](#) (with Mariann Ollár), *American Economic Review*, Vol. 107, Issue 8 (2017): 2243-77.
- [“Endogenous Depth of Reasoning”](#) (with Larbi Alaoui), *Review of Economic Studies*, Vol 83, Issue 4 (2016): 1297-1333.
- [“Higher Order Uncertainty and Information: Static and Dynamic Games”](#), *Econometrica*, Vol. 80, No. 2 (March, 2012), 631-660.

## **CAROLINA MANZANO**

UNIVERSITAT ROVIRA I VIRGILI- DEPARTAMENT D'ECONOMIA

Open Researcher and Contributor ID (ORCID) 0000-0001-7160-0562

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**CURRENT POSITION** Associate professor, URV, since 2002

**FIELDS** Financial Economics, Information Economics, Fiscal and Monetary Policies

### **PREVIOUS POSITION**

25/09/2000-08/11/2002- Interim Associate Professor (TU) / URV

01/10/1999 -24/09/2000 Second-Cycle Assistant Lecturer/ URV

01/10/1996-30/09/1999 Visiting Lecturer/Universidad Carlos III de Madrid

15/09/1995-15/09/1996 Assistant Lecturer/Universitat Autònoma de Barcelona/

01/09/1991-31/08/1995 – Research Assistant (Fellow) /Universitat Autònoma de Barcelona/

### **SUMMARY**

My research activity focuses on three areas of Economic Analysis: General Equilibrium Theory, Financial Markets Theory, and Fiscal and Monetary Policy Theory. Regarding General Equilibrium Theory, I have made two notable contributions: my Master's thesis and Chapter 3 of my doctoral dissertation, which was published in the Journal of Mathematical Economics. In the field of Financial Markets Theory, I have produced a total of 11 articles, 10 of which have been published in journals indexed in Scopus and JCR. These publications include leading journals in Finance, such as The Journal of Finance, Journal of Financial Intermediation, and Journal of Financial Markets, as well as journals in Economic Theory, such as Theoretical Economics, Journal of Economic Theory, and Journal of Mathematical Economics. As for Fiscal and Monetary Policy Theory, I have co-supervised a doctoral dissertation and published 10 articles, all of them in journals indexed in Scopus and/or JCR, including Contemporary Economic Policy, International Journal of Central Banking, and Journal of Macroeconomics. Since 2009, I have been the Principal Investigator of the Grup de Recerca en Organització i Decisió Econòmiques (GRODE), the Economic Theory research group at the Rovira i Virgili University (URV), which was recognized as a consolidated research group by AQU in 2014 and 2017. Currently, GRODE has merged with another research group, resulting in ECO-NEXT, which has also been recognized as a consolidated research group by AQU.

Finally, regarding awards and recognitions, I would like to highlight the following:

1. I have been awarded four research evaluation periods (sexenios) by ANECA and three by AQU.
2. I have obtained six teaching evaluation periods (quinquenios).
3. I received the Advanced Research Accreditation (AQU) in 2014 and the ANECA Full Professor Accreditation in 2025.
4. I was awarded the "Research Development Award", granted by the Department of Economics and Economic History of the UAB and the Institute for Economic Analysis (CSIC), for the best research work in the International Doctorate in Economic Analysis during the 1992–1993 academic year.
5. I received the X Finance Forum Award, granted by the Spanish Finance Association for the best paper presented at that conference.

## **PEDRO CALLEJA CORTÉS**

Universitat de Barcelona- Department of Economic, Financial and Actuarial Mathematics.

Facultat d'Economia i Empresa

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[calleja@ub.edu](mailto:calleja@ub.edu)

**CURRENT POSITION** Associate professor, URV, since 2010

**FIELDS** Cooperative games, scheduling, resource allocation, axiomatics.

### **PREVIOUS POSITION**

2005-2010- Professor Lector-UB

2003 2 months 00 Visiting at Tilburg University under AGAUR grant

2001-2005 Assistant U. LRU/UB

1997-2001 FPU grant from Ministerio de Educación y Ciencia/Universitat Barcelona

### **SUMMARY**

After obtaining my degree in Economics, I was awarded with a four-year FPU research scholarship from the Ministerio de Educación y Ciencia (MEC) to pursue my PhD. I received different pre-doctoral scholarships for research stays abroad at Stony Brook University in the State of New York and Tilburg University. My collaboration with Tilburg University continued after my PhD. with two postdoctoral research stays (as a visitor and with a grant from the AGAUR). As a result of this collaboration, three articles were produced that study sequencing and scheduling problems from a Game Theory perspective (AOR, 2002 and 2008, ORL, 2006). Currently, the study of these types of problems still remain as one of my research lines, with a recent publication in EJOR (2021). Additionally, during my stays at Tilburg University, I began to analyze rationing (or bankruptcy) problems with multidimensional demands (as in the case of CO2 permits distribution); the article in EJOR (2005) is my most cited work. My doctoral thesis focuses on these two research lines and received the European doctorate mention and the extraordinary PhD award from the Universitat de Barcelona.

My most recent research focuses on the axiomatic approach, specially suitable for the project presented in this application. In particular, and within the context of cooperative games and rationing problems, the article in GEB (2009) studies and characterizes the aggregated monotonic core, which is the locus of single-valued solutions that allow to combine properties of rationality and aggregate monotonicity. Later, in IJGT (2012), we investigated whether these properties are compatible with others such as equal treatment of equals and the dummy player property. In SCW (2017), we addressed how rationality, monotonicity, and consistency (requiring a certain degree of internal stability when some agents leave the group) combine. In IJGT (2019), we provided axiomatic characterizations of the Shapley value (and extensions), as well as of other solution concepts driven by egalitarian considerations (and its extensions) through properties of regular aggregate monotonicity (independent of the initial situation) and consistency. "Weak fairness" weakens regular aggregate monotonicity and allows to characterize the Shapley value imposing, additionally, the dummy player property (MSS, 2020). The paper in the prestigious MOR (2020) provides a characterization of the (pre)nucleolus (and its weighted versions), another classical solution in cooperative games based on the minimization of complains of agents and coalitions, imposing monotonicity properties instead of consistency properties (as traditionally in the literature). The article in MSS (2021) shifts the perspective towards egalitarian solutions (in the Lorenz sense) in the context of surplus-sharing problems. The work in JME (2021) emphasizes this viewpoint by studying different characterizations of the Dutta-Ray solution for cooperative games with transferable utility. The most recent

articles in EL (2022) and MSS (2023) study the agents' incentives to merge or split depending on the distribution rules applied in a rationing problem. In this regard, they focus on the proportional rule, which is characterized by non-manipulability (via splitting or merging) by clones, continuity, and monotonicity in demands. Finally, I would like to mention works (submitted to journals and presented at different conferences) that focus on solutions concepts (or clearing mechanisms) immune to manipulation via the merger or split of financial entities in financial systems in systemic risk of collapse.

All these results have been presented at many international conferences, seminars, and workshops. I would like to highlight invited presentations at the Barcelona Jocs seminar, the Game Theory seminar at CentER (Tilburg University), the Seminar at the Faculty of Economics and Business (UB), the Economics Seminar (U de Vigo), EURO, the workshop Game Theory - Economics and Mathematics (USD), the CREIP Seminar, the GRODE workshop, the workshop on game theory at URV, SAET, the workshop "Measures, Axioms, ..." in Saint Etienne, and the Game Theory workshop at UB.

Some quality indicators of the works include: 2 Sexenios with 15 JCR articles, 7 of which are Q1, 6 are Q2, and 2 are Q3. Total citations of 140;  $h=7$  (Scopus data). I have served as a reviewer for numerous journals, including GEB, SCW, IJGT, EJOR, ANOR.

Academically, I am currently supervising a PhD. thesis in Economics. I have supervised 4 Master's theses (in Economics, Research in Business, and Actuarial and Financial Sciences) and 9 Bachelor's theses (Mathematics-Physics, Mathematics, Mathematics-Business Administration, and Economics).

I am (or have been) also the responsible professor for various courses in master's programs in Economics, Research in Business, Actuarial and Financial Sciences, and Marketing.

## MAIN PUBLICATIONS

Calleja P; Llerena F; Sudhölter P. 2023. *Remarks on solidarity in bankruptcy problems when agents merge or split*. Mathematical Social Sciences 125, pp.61-64.

Calleja, P; Llerena, F. 2022. *Non-manipulability by clones in bankruptcy problems*. Economics Letters 221-110921, pp.1-6.

Atai, A; Calleja P; Soteras S. 2021. *Open shop scheduling games*. European Journal of Operational Research 295-1, pp.12-21.

Calleja P; Llerena F; Sudhölter P. 2021. *Axiomatizations of Dutta-Ray's egalitarian solution on the domain of convex games*. Journal of Mathematical Economics 95-102477, pp.1-10.

Calleja P; Llerena F; Sudhölter P. 2021. *Constrained welfare egalitarianism in surplus-sharing problems*. Mathematical Social Sciences 109, pp.45-51.

Calleja P; Llerena F; Sudhölter P. 2020. *Monotonicity and Weighted Prenucleoli: A Characterization Without Consistency*. Mathematics of Operations Research 45-3, pp.1056-1068.

Calleja P; Llerena F. 2020. *Consistency, weak fairness and the Shapley value*. Mathematical Social Sciences 105, pp.28-33.

Calleja P; Llerena F. 2019. *Path monotonicity, consistency and axiomatizations of some weighted solutions*. International Journal of Game Theory 48, pp.287-310.

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### **JORDI ROMEU GARBÍ**

Doctor Enginyer Industrial, Catedràtic d'Universitat a la Universitat Politècnica de Catalunya, Director del Departament d'Enginyeria Mecànica i Coordinador del grup de recerca "Laboratori d'Enginyeria Acústica i Mecànica". L'àmbit principal de recerca és el control de soroll i les vibracions, amb especial menció a l'acústica mediambiental. 9 tesis doctorals dirigides, més de 30 articles en revista d'alt impacte (Articles JCR (38) in Q1: 11; Q2: 15; Q3: 7; Q4: 5. First tercile: 20) i més de 100 participacions a congrés. Participació en nombrosos projectes i contractes de recerca, molts d'ells relacionats amb la gestió del soroll ambiental. Ha participat en més de 28 projectes de recerca, dels quals ha estat IP en 15 d'ells. Vuit corresponen a convocatòries competitives per finançar la recerca realitzada per empreses en col·laboració amb centres de recerca, com ara les antigues convocatòries PROFIT o PETRI o les actuals del CDTI i els seus equivalents territorials (CIDEM). L'investigador participa en un total de 19 contractes de recerca (IP en vuit). Aquests contractes inclouen els vuit combinats amb finançament competitiu (aquest CV exclou projectes i contractes coincidents). Participació en 55 contractes de transferència de tecnologia i 60 serveis empresarials.

Des d'una perspectiva qualitativa, els seus èxits són la demostració de la viabilitat de realitzar un control actiu del soroll a les obertures; la concepció i construcció d'un sistema de caracterització de la superestructura ferroviària, que es preveu utilitzar en aquest projecte i comercialitzar-ne l'ús combinat amb el model de generació i propagació de vibracions ferroviàries; i l'establiment d'una metodologia de mostreig en acústica ambiental, que permet dimensionar la mostra de punts a mesurar en un entorn urbà i conèixer l'error associat a aquesta mostra. La línia de recerca del Dr. Romeu se centra ara en el desenvolupament d'aquests èxits.

### **SILVIA DE LA FLOR LÓPEZ**

**Departament d'Enginyeria Mecànica- Universitat Rovira i Virgili**

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Silvia De la Flor és enginyera industrial i doctora en Enginyeria Industrial per la Universitat Politècnica de Catalunya. Professora titular a la Universitat Rovira i Virgili, actualment dirigeix el Departament d'Enginyeria Mecànica i forma part de l'equip de govern de la URV com a

comissionada d'Optimització de Processos. Amb més de tres dècades de trajectòria professional, ha combinat de manera equilibrada la docència, la recerca i la seva transferència a la societat, així com la gestió universitària.

Especialista en mecànica experimental i computacional, la seva activitat investigadora se centra en la modelització i optimització de materials intel·ligents i funcionals: aliatges i polímers amb memòria de forma, polímers de moviment actiu i, especialment, les xarxes covalents adaptables o vitrímers. Des del seu grup de recerca FUNCMAT (Functional and Smart Materials) ha liderat nombrosos projectes competitius, ha publicat més de 100 articles científics indexats i ha realitzat més de 150 contribucions a congressos. La seva tasca inclou col·laboracions amb grups de recerca internacionals i una àmplia activitat de transferència tecnològica amb empreses de l'àmbit industrial, especialment en caracterització i desenvolupament de materials, havent rebut en dues ocasions el premi a l'Impacte Social de la Recerca de la URV.

Ha impartit nombroses assignatures de grau i màster dins l'àmbit de la mecànica del sòlid i la mecànica estructural, i compta amb sis quinquennis docents reconeguts amb excel·lència. Va ser distingida per la Generalitat de Catalunya amb el premi Jaume Vicens Vives a la Qualitat Docent Universitària, que reconeix l'excel·lència i la innovació en la docència. Sempre ha estat implicada en activitats d'innovació docent i en la promoció de la igualtat de gènere en l'enginyeria, impulsant projectes orientats a apropar la tecnologia als joves i, especialment, a les futures enginyeres.

En l'àmbit de la gestió, ha exercit diversos càrrecs de responsabilitat dins la URV i participa activament en la relació entre universitat, empresa i societat com a vocal a la Junta del Col·legi d'Enginyers Industrials de Catalunya a la demarcació de Tarragona, reforçant així el vincle entre la formació universitària i el desenvolupament professional del sector.

### **INGRID MARTORELL BOADA**

Professora agregada Serra de l'Escola Politècnica Superior de la UdL i membre del grup SEMB. És llicenciada en Química, i doctora en Enginyeria Química, tots dos per la URV. Els seus interessos de recerca se centren en mesures de propietats dels materials per a l'emmagatzematge d'energia tèrmica, sistemes tècnics avançats de refrigeració, eficiència energètica i innovació docent.

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### **Dr. NORBERT BLANCO VILLVERDE**

Enginyer Tècnic Industrial Mecànic (UdG-1995), Enginyer Industrial (UPC-1998) i Doctor per la Universitat de Girona (2005). ORCID PRC: 0000-0003-2446-2106. Professor catedràtic contractat del departament d'Enginyeria Mecànica i de la Construcció Industrial de l'Escola Politècnica Superior de la Universitat de Girona i membre del grup de recerca AMADE (Anàlisi i Materials Avançats per al Disseny Estructural) de la mateixa universitat. La meua activitat docent es centra en assignatures de mecànica i disseny de màquines a nivell de grau i modelització per elements finits i disseny i anàlisi de compòsits amb elements finits a nivell de màster. La meua activitat de recerca es basa en la modelització numèrica i anàlisi experimental de materials compostos de

reforç orientat i matriu polimèrica incloent l'anàlisi i modelització del dany associat a la fractura intra- i interlaminar i la resistència i la tolerància al dany. Actualment estic enfocant més la meua activitat cap a la caracterització i modelització de compostos fabricats mitjançant fabricació additiva (impresió 3D).

## **JORDI MARCÉ NOGUÉ**

**ORCID:** [0000-0001-9852-7027](https://orcid.org/0000-0001-9852-7027)

### **Departament d'Enginyeria Mecànica – Universitat Rovira i Virgili**

Doctor en enginyeria amb especialització en biomecànica computacional, actualment Professor Agregat al Departament d'Enginyeria Mecànica de la Universitat Rovira i Virgili. La seva trajectòria investigadora se centra en l'aplicació de l'anàlisi d'elements finits (FEA) a problemes complexos de biomecànica, especialment en l'àmbit de la paleobiologia de vertebrats i l'antropologia evolutiva, integrant coneixement d'enginyeria i biologia.

Amb més d'una dècada de col·laboracions en l'àmbit de la paleontologia, ha desenvolupat noves metodologies per a la interpretació de resultats biomecànics en models fòssils, aplicades a un ampli ventall d'organismes (vertebrats i invertebrats, vius i fòssils) mitjançant tècniques de biomecànica computacional. Aquesta expertesa s'ha consolidat com a investigador contractat a la Universitat d'Hamburg (Alemanya) i a la Universitat de Buffalo (EUA). És autor de més de 40 articles en revistes SCI, 2 capítols de llibre i altres publicacions científiques, amb un índex h de 20 (Scopus), i compta amb més de 100 participacions en congressos internacionals. Ha participat en projectes de recerca competitiu finançats per organismes estatals, autonòmics i internacionals (incloent la DFG alemanya i la State University of New York), i ha estat investigador principal en dos projectes finançats per l'Agència Espanyola de Cooperació Internacional per al Desenvolupament. Paral·lelament, ha desenvolupat una àmplia activitat en transferència tecnològica mitjançant contractes amb empreses i informes tècnics, adquirint experiència en gestió i coordinació de projectes.

La seva activitat docent i formativa inclou cursos i seminaris internacionals en programes de doctorat, màster i postgrau, així com la formació de més de 200 investigadors predoctorals i postdoctorals en tècniques de simulació computacional en biosciències. Aquesta experiència s'ha desenvolupat tant en universitats com en col·laboració amb empreses especialitzades en formació científica. Actualment supervisa diversos investigadors en formació (doctorat i postdoctorat, incloent MSCA) i ha dirigit múltiples treballs de màster i grau. Forma part del grup de recerca Evolució Social, Cultural i Biològica durant el Plistocè (StEP) de la URV.

## **ELISABET MAS DE LES VALLS ORTIZ**

Doctora en Enginyeria Nuclear per la Universitat Politècnica de Catalunya (UPC). És professora lectora al Departament de Màquines i Motors Tèrmics de la UPC, on imparteix docència al Màster en Enginyeria Nuclear, al Màster en Enginyeria de l'Energia i al Grau en Enginyeria en Tecnologies Industrials.

La seva recerca se centra principalment en la simulació numèrica de components de fusió, especialment dels breeding blankets. En aquest àmbit, ha participat en diversos projectes Euratom i projectes nacionals. Actualment, desenvolupa dues línies de recerca principals. D'una

banda, està impulsant una nova línia en la gestió tèrmica de piles d'electrolitzadors dins del Departament de Màquines i Motors Tèrmics de la UPC, així com a membre dels centres de recerca CREMIT i CER-H2. Aquesta línia combina estudis numèrics i campanyes experimentals. Els estudis numèrics inclouen el desenvolupament de codis, la seva validació i el seu ús com a eines predictives per a l'optimització del disseny. Per a les simulacions CFD detallades s'utilitza el programari OpenFOAM, mentre que, per a alguns estudis paramètrics, es fan servir codis de paràmetres concentrats desenvolupats internament.

D'altra banda, la seva línia de recerca en gènere en la docència i la recerca continua creixent dins del grup de recerca SOCSTEM. Des del 2017, ha desenvolupat treball en aquest àmbit amb un enfocament en la incorporació de la perspectiva de gènere en la docència i la recerca. Entre els anys 2017 i 2022, va combinar la seva activitat acadèmica a la UPC amb la docència a nivell de batxillerat. Ha estat activament implicada en l'acompanyament al professorat per introduir la perspectiva de gènere en la docència, especialment a través de la co-coordinació del projecte pilot Gènere i Docència (2018–2019), així com mitjançant seminaris i formacions impartides a diverses universitats nacionals i internacionals.

Actualment, participa en projectes europeus com l'H2020 AGRIGEP i l'Erasmus+ ELA4ATTRACT, i, com a membre de la Unitat d'Igualtat de la UPC, contribueix a promoure la integració transversal de la perspectiva de gènere a la universitat.

És coautora de la guia Guies per a la incorporació de la perspectiva de gènere en la docència universitària: Enginyeria Industrial (2020), editada per Xarxa Vives. L'any 2021, va formar part de l'equip que va rebre la primera Menció M. Encarna Sanahuja Yll a l'excel·lència en la inclusió de la perspectiva de gènere en la pràctica docent universitària, atorgada per la Generalitat de Catalunya.