

GEMMA ABIO ROIG

Avda. Diagonal 696, despatx 438 | Barcelona, 08034 | 677.352.950 | abio@ub.edu

Last update: December 2024

EMPLOYMENT

Associate Professor

Universitat de Barcelona

December 2007 - present

Assistant Professor

Universitat de Barcelona

April 2004- December 2007

OTHER AFFILIATIONS

Barcelona Economic Analysis Team (BEAT)

Universitat de Barcelona

2016 – present

Centre d'Anàlisi Econòmica i de les Polítiques Socials (CAEPS)

Universitat de Barcelona

2005 – present

EDUCATION

Universitat de Barcelona (UB)

Ph.D in Economics

January 2002

Universitat Pompeu Fabra (UPF)

B.A in Economics and Business Administration

June 1997

ACADEMIC VISITS

University of Saint Andrews (Scotland)

School of Economics and Finance

July-August, 2016

Université Catholique de Louvain (Belgium)

Center for Operations Research and Econometrics (CORE)

May, November and December, 2000

RESEARCH FIELDS

Public Policy, Family and Demographic Economics

RESEARCH IDS

ORCID ID: 0000-0003-4823-524X

Scopus ID: 55991978100

Researcher ID: H-9797-2015

PUBLICATIONS (IN REFEREED JOURNALS)

- The Elderly Bias of the Spanish Welfare State (1958–2012)** 2024
(with G Souto, A Herranz-Loncán, S Espuelas, C Patxot)
European Review of Economic History, heae015
- The effect of educational expansion and family change on the sustainability of public and private transfers** 2023
(with M Spielauer, T Horvath, M Fink, G Souto, C Patxot, T Istenič)
The Journal of the Economics of Ageing 25, 100455
- Measuring the lifecycle impact of welfare state policies in the face of ageing** 2022
(with M Spielauer, T Horvath, M Fink, G Souto, C Patxot, T Istenič)
Economic Analysis and Policy 75, 1-25
- The role of gender, education and family in the welfare organization: Disaggregating National Transfer Accounts** 2021
(with G Souto, C Patxot, T Istenič)
The Journal of the Economics of Ageing 20, 100348
- Las cuentas nacionales de transferencias: aplicaciones y resultados para España** 2019
(with C Patxot, E Rentería, M Solé, G Souto)
Papeles de Economía Española, num. 161, p. 114-137
- Welfare state winners and losers in ageing societies** 2019
(with M Sánchez-Romero, M Botey, A Prskawetz, JŽ Sambt, M Solé, G Souto, L Vargha, C Patxot)
Vienna Yearbook of Population Research 17, 9-36
- Contribution of demography to economic growth** 2018
(with M Sánchez-Romero, C Patxot, G Souto)
SERIEs 9 (1), 27-64
- Intergenerational transfers in Spain: the role of education** 2017
(with C Patxot, E Rentería, G Souto)
Hacienda Pública Española, vol. 223, num. 4, p. 101-130
- The welfare state and demographic dividends** 2017
(with C Patxot, M Sánchez-Romero, G Souto)
Demographic Research 36, 1453-1490
- Population ageing and the sustainability of the Spanish National Health system: some financial policy alternatives** 2006
The Geneva Papers on Risk and insurance-issues and Practice 31, 557-580
- On the optimality of PAYG pension systems in an endogenous fertility setting** 2004
(with G Mahieu, C Patxot)
Journal of Pension Economics & Finance 3 (1), 35-62

- Is the Deficit under Control? A Generational Accounting Perspective on Fiscal Policy and Labour Market Trends in Spain** 2003
(with H Bonin, E Berenguer, J Gil, C Patxot)
Investigaciones Económicas, vol.XXVII, pp.309-341
- Interiority of the optimal population growth rate with endogenous fertility** 2003
Economics Bulletin vol.10, pp.1-7
- El Impacto Intergeneracional de la Reforma de las Pensiones en España: Un Enfoque de Contabilidad Generacional** 1999
(with H Bonin, J Gil, C Patxot)
Cuadernos Económicos del ICE, vol.II num.65, pp.101-116
- El coste de los hijos: un replanteamiento de los efectos sobre el bienestar de una transición demográfica en el sistema de pensiones de reparto** 1998
(with C Patxot)
Cuadernos Económicos del ICE, vol.I num.64, pp.189-206

WORK IN PROGRESS

- The gender gap in paid and unpaid work along the life cycle: The role of household arrangements**
(with C Patxot, E Rentería, G Souto, T Istenič)
UB Economics–Working Papers, 2024, E24/464

NON-REFEREED PUBLICATIONS

- L'equitat entre generacions com a garantia del benestar social** 2021
(with C Patxot, E Rentería, M Solé, G Souto)
Dossiers. L'Observatori Social. Fundació 'la Caixa' 10, 18-24
- Comptes Nacionals de Transferències. Lliçons per a la política intergeneracional** 2020
(with G Souto, C Patxot)
Revista Econòmica de Catalunya, num. 82, p. 52-61
- Pensions i transferències intergeneracionals** 2019
(with C Patxot, M Solé, G Souto)
Revista Econòmica de Catalunya, vol. 79, p. 54-62
- La atención a la dependencia en el marco del estado del bienestar** 2016
(with C Patxot, E Rentería, G Souto)
Quaderns de polítiques familiars, num.2, pp.25-37
- Pensions i transferències intergeneracionals** 2019
(with C Patxot, M Solé, G Souto)
Revista Econòmica de Catalunya, vol. 79, p. 54-62

BOOK CHAPTERS

- Using National Transfer Accounts to Address Ageing** 2023
(with G Souto, C Patxot)
Recent Trends in Demographic Data (INTECHOpen)
- Taking care of our elderly and our children: Towards a balanced welfare state?** 2015
(with C Patxot, E Renteria, G Souto)
Family and sustainable development (Thomson Reuters/Aranzadi)
- El sistema sanitario español ante el envejecimiento de la población** 2005
(with J Gil)
Contabilidad Generacional en España (Instituto de Estudios Fiscales)
- The Viability of the Spanish Social Security System: a Generational Accounting Perspective** 2002
(with J Gil, C Patxot)
The Three Pillars of Wisdom? A Reader on Globalization, World Bank Pension Models and Welfare Society (Nova Science Publishers)

RESEARCH PROJECTS

- Sustainable Welfare: Rethinking the roles of Family, Market and State (SUSTAINWELL)** 2023-2027
Funded by: European Union (Type of Action: HORIZON-RIA)
Participation role: Team member
- Desarrollo económico y demográfico. El papel de las preferencias sociales** 2021-2025
Funded by: Ministerio de Ciencia e Innovación
Participation role: Team member
- Caring over the life cycle: the Role of Families and Welfare State Today and into the Future** 2021-2025
Funded by: Ministerio de Ciencia e Innovación
Participation role: Team member
- Centre d'Anàlisi Econòmica i de les Polítiques Socials (CAEPS)** 2002-2024
Funded by: Agència de Gestió d'Ajuts Universitaris i de Recerca (AGAUR)
Participation role: Team member
- Bienestar Sostenible: repensando el papel de la familia, el mercado y el estado - Repte: Salud, cambio demográfico y bienestar** 2019-2021

Funded by: Ministerio de Economía y Competitividad

Participation role: Team member

Projecció de la sostenibilitat i l'adequació de les pensions: el model de microsimulació DyPes.

2020-2021

Funded by: Agència de Gestió d'Ajuts Universitaris i de Recerca (AGAUR)

Participation role: Team member

Welfare, wellbeing and demographic change: Understanding welfare models (WELTRANSIM)

2019-2021

Funded by: Ministerio de Economía y Competitividad

Participation role: Team member

Bienestar Sostenible: repensando el papel de la familia, el mercado y el estado

2017-2019

Funded by: Ministerio de Economía y Competitividad

Participation role: Team member

Desarrollo económico, transición demográfica y estado del bienestar en un entorno de globalización

2016-2019

Funded by: Ministerio de Economía y Competitividad

Participation role: Team member

Ageing europe: An application of National Transfer Accounts (NTA) for explaining and projecting trends in public finances (AGENTA)

2014-2017

Funded by: European Union (Type of Action: 7th Framework Programme)

Participation role: Team member

Pensions and Education: Combined Effects on inter and intragenerational redistribution

2012-2015

Funded by: Fundación General CSIC

Participation role: Team member

Las consecuencias de la globalización sobre las desigualdades territoriales, sociales y el estado del bienestar

2013-2015

Funded by: Ministerio de Economía y Competitividad

Participation role: Team member

Las consecuencias de la globalización sobre las desigualdades sociales y el estado de bienestar en España

2009-2011

Funded by: Ministerio de Educación y Ciencia

Participation role: Team member

La sostenibilidad del estado del bienestar ante el envejecimiento de la población: análisis teórico y aplicado

2005-2008

Funded by: Ministerio de Educación y Ciencia

Participation role: Team member

Contabilidad Generacional en España: Actualización y Mejoras Metodológicas y Empíricas

2002-2005

Funded by: Comisión Interministerial de Ciencia y Tecnología (CICYT)

Participation role: Team member

Contabilidad generacional para España

1998-2001

Funded by: Comisión Interministerial de Ciencia y Tecnología (CICYT)

Participation role: Team member

CONFERENCES

Global NTA Conference (Paris 2023, Hawaii 2020, Mexico 2018, Senegal 2016, Beijing 2014, Barcelona 2013)

World Congress of the International Microsimulation Association (Vienna, 2024)

Encuentro de política económica (Valencia, 2023)

Jornadas de Economía de la Salud (Girona, 2023)

Simpósio de Análisis Económico (Barcelona 2021, Salamanca 2002, Alicante 2001, Barcelona 1999)

International Association for Time Use Research Conference (Barcelona 2021)

Encuentro de Economía Pública (Barcelona, 2004)

Annual Congress of the European Economic Association (EEA) (Venice, 2002)

International Atlantic Economic Conference (Washington DC, 2002)

Journées Générations Imbriquées (Lille, 2001)

Annual Conference of the European Society for Population Economics (ESPE) (Bonn, 2000)

Congress of International Institute of Public Finance (IIPF) (Sevilla, 2000)

REFEREEING

Journal of Population Economics, Journal of Pension Economics and Finance, Journal of the Economics of Ageing, Journal of Applied Social Sciences Studies, Hacienda Pública Española/Review of Public Economics.

TEACHING INNOVATION AND RESEARCH

PUBLICATIONS:

Students' perception of team-based learning: Evidence in Economics

2023

(with M. Alcañiz; M. Gómez-Puig; L. Ortiz-Gracia; V. Royuela; G. Rubert; M. Serrano; A. Stoyanova)

International Journal of Educational Innovation and Research 2(2), 90-103

Impact of peers in educational outcomes in Economics

2022

(with M. Alcañiz; C. Belloni; M. Gómez-Puig; L. Ortiz-Gracia; V. Royuela; G. Rubert; M. Serrano; A. Stoyanova)

REIRE. Revista d'Innovació i Recerca en Educació 15(2), 1-18

Flipping the classroom in advanced courses: Is it effective?

2022

(with M Alcañiz, M Gómez-Puig, C Patxot, G Rubert, M Serrano, A Stoyanova)

ICERI Proceedings, 5573 - 5577

The impact of flipped classroom on academic achievement in Economics: A review of the literature

2022

(with M. Alcañiz; G. Rubert; A. Stoyanova)

International Handbook of Innovation and Assessment of the Quality of Higher Education and Research (Thomson Reuters)

Retaking a course in economics: Innovative teaching strategies to improve academic performance in groups of low-performing students

2019

(with M Alcañiz, M Gómez-Puig, G Rubert, M Serrano, A Stoyanova, M Vilalta-Buñi)

Innovations in Education and Teaching International 56 (2), 206-216

Assessing active learning methodologies in higher education from a cost-benefit perspective

2019

(with M Alcañiz, M Gómez-Puig, V Royuela, G Rubert, M Serrano, A Stoyanova)

ICERI Proceedings, 2595-2603

Active-learning methods in large groups of repeat students

2018

(with M. Alcañiz; M Arespa.; H Chulià.; M Gómez-Puig; E Manna; C Patxot; G Rubert; F Sánchez-Losada; M Serrano; A Stoyanova; M Vilalta-Buñi)

REIRE. Revista d'Innovació i Recerca en Educació 11(2), 70-82

Applying active learning methods in higher education

2018

(with A Stoyanova)

REIRE. Revista d'Innovació i Recerca en Educació 11(2), 65-69

Team-based learning in Economics in comparative perspective

2018

(with M Arespa.; M Gómez-Puig; C Patxot; G Rubert; M Serrano; A Stoyanova; M Vilalta-Buñi)

ICERI Proceedings, 10297-10301

El aula invertida y el aprendizaje en equipo: dos metodologías para estimular al estudiante repetidor

2017

(with M Alcañiz.; M Gómez-Puig; G Rubert; M Serrano; A Stoyanova; M Vilalta-Buñi)

RIDU: Revista d'Innovació Docent Universitària 9, 1-15

Retaking a course in Economics: Innovative methodologies to develop learning habits in large groups of low-performing students

2016

(with M Alcañiz.; M Gómez-Puig; G Rubert; M Serrano; A Stoyanova; M Vilalta-Buñi)

INTED 2016 Proceedings 3052-3063

Competences acquisition of university students: Do they match job market's needs? 2015
(with M Pujol-Jover, C Riera-Prunera)

Intangible Capital 11 (4), 612-626

Do university studies fit society needs? 2014
(with M Alcañiz; A di Paolo; L Duque; JM López-Tamayo; M Pujol-Jover, C Riera-Prunera)

ICERI Proceedings, 6144-6152

**Flipped Classroom and Team Based Learning: Stimulating Learning in Students that
retake the course** 2014

(with M Alcañiz.; M Gómez-Puig; G Rubert; M Serrano; A Stoyanova; M Vilalta-Bufi)

ICERI Proceedings, 528-536

RESEARCH PROJECTS:

**Anàlisi comparativa de diferents formats d'Aula Invertida en cursos d'Economia de
nivell avançat** 2024-2025

Funded by: Institut de Ciències de l'Educació (ICE-UB)

Participation role: Principal researcher

Aula invertida en cursos de nivell avançat: un model eficaç? 2022-2023

Funded by: Institut de Ciències de l'Educació (ICE-UB)

Participation role: Principal researcher

**Si vols arribar lluny, ves acompanyat: Un estudi de les interaccions entre iguals a
l'aula universitària** 2020-2021

Funded by: Institut de Ciències de l'Educació (ICE-UB)

Participation role: Team member

**Aprentatge basat en equips: una anàlisi de la percepció de l'alumnat i de la
interacció en els grups** 2018-2019

Funded by: Institut de Ciències de l'Educació (ICE-UB)

Participation role: Team member

**Anàlisi i avaluació de les metodologies d'aprenentatge actiu per a l'estímul acadèmic
d'estudiants repetidors en un entorn de semipresencialitat** 2016-2018

Funded by: Institut de Ciències de l'Educació (ICE-UB)

Participation role: Team member

CONFERENCES:

Congreso Internacional sobre Aprendizaje, Innovación y Cooperación (Madrid, 2023)

International Conference of Education, Research and Innovation (ICERI) (Sevilla 2022, 2019, 2018, 2014)

International Conference in Experiences in Active Learning in Higher Education (Barcelona 2021, 2017)

European Conference on Gender Equality in Higher Education (Madrid, 2021)

Foro Internacional sobre la Evaluación de la Calidad de la Investigación y de la Educación Superior (FECIES)
(Granada 2021, Carmona 2020, Bilbao 2014)

Annual International Technology, Education and Development Conference (INTED) (Valencia 2017)

TEACHING EXPERIENCE

University of Barcelona – Undergraduate courses: Introduction to Economics, Microeconomics, Macroeconomics, Intermediate Microeconomics, Advanced Macroeconomics.

University of Barcelona – Graduate courses: Welfare Economics – Intergenerational Transfers (MSc in Economics)