

Mario Martínez-Jiménez, PhD

CONTACT INFORMATION	Department of Health Policy Stanford University Stanford, CA 94305-6006 United States of America	V: +1 (650) 422-9653 E: mmartin3@ic.ac.uk mmarjim3@stanford.edu W: Personal website Google Scholar	
ACADEMIC POSITIONS	Stanford University <i>Visiting Postdoctoral Scholar</i> Department of Health Policy, Stanford School of Medicine Host: Dr Maya Rossin-Slater	09/2025 – ...	
	Imperial Business School <i>Imperial College Research Fellow</i> Department of Economics & Public Policy	08/2024 – ...	
	<i>Research Associate in Economics</i> Centre for Health Economics & Policy Innovation	12/2022 – 07/2024	
EDUCATION	Lancaster University <i>Doctor of Philosophy, Health Policy (Economics Track)</i>	11/2022	
	Imperial College London <i>Visiting PhD Student, Department of Economics & Public Policy</i>	09/2021 - 11/2022	
	Autonomous University Barcelona <i>Master of Research, Applied Economics</i>	07/2019	
	Erasmus University Rotterdam <i>Master of Science, Health Economics, Policy & Law</i>	07/2018	
	Pompeu Fabra University <i>Bachelor of Science, Economics</i>	07/2017	
RESEARCH FIELDS	Health, Labor, Child Development, Family, and Inequality		
REFERENCES	Prof. Dame Carol Propper Chair in Economics Economics & Public Policy Imperial College London c.propper@imperial.ac.uk	Prof. Judit Vall Castelló Professor in Economics Department of Economics University of Barcelona judit.vall@ub.edu	Prof. Bruce Hollingsworth Professor in Health Economics Division of Health Research Lancaster University b.hollingsworth@lancaster.ac.uk

JOB MARKET PAPER

[When Careers Stall: The Effects of Temporary Employment on Fertility and Neonatal Health](#) (with Judit Vall Castelló)

Abstract: We study the causal effect of temporary employment on fertility and neonatal health by exploiting exogenous variation in temporary-contract availability induced by the 1984 Spanish labor market reform. This reform liberalized fixed-term contracts, increased job insecurity, and weakened career prospects for low-skilled labor-market entrants. Using administrative and survey data, we estimate a within-cohort difference-in-difference regression discontinuity design. In the reduced form, exposed low-skilled mothers have 0.093 fewer children on average (about 5.2% of the treated pre-reform mean), with larger declines in late-childbearing subgroups (up to 0.159 fewer children). We find no clear effect on age at first birth, but birth records show mild postponement at any birth margin. Infant-health effects are concentrated among mothers aged ≥ 30 : birthweight falls by 3.636 grams, low birthweight rises by 0.2 percentage points, and preterm birth rises by 0.4 points. Mechanism evidence points to persistent labor-market insecurity, including an increase of about 25 percentage points in temporary (non-permanent) employment among exposed mothers. To quantify policy implications, we develop and calibrate a life-cycle model disciplined by the reduced-form estimates and additional targets on desired fertility, religiosity, and gender norms by skill group. In our calibrated model, a 2021 reform counterfactual lowers temporary employment by 5.4 percentage points and raises permanent

employment by 4.9 points (with a 0.5-point increase in non-employment), increasing mean births from 1.779 to 1.783 and welfare by 0.151%. A single-contract counterfactual raises mean births to 1.834 and welfare by 0.738%, with explicit employment-composition trade-offs. These results provide causal and quantitative evidence that job insecurity from temporary employment depresses long-run fertility in rigid dual labor markets.

WORKING
PAPERS

[How do economic shocks impact upon the effect of retirement on mental health?](#) (with Bruce Hollingsworth & Eugenio Zucchelli). *R&R in Labour Economics*

[The Role of Early Life Conditions on the Development of Child's Adaptive Behaviour Skills](#) (with Edith Aguirre). *Under Review in Health Economics*

WORK
IN PROGRESS

Who Gets the Shot? Determinants of Childhood Vaccination among Medicaid Beneficiaries. (with Petra Persson & Maya Rossin-Slater – Stanford University)

The Long-Run Educational Shadow of Neonatal Intensive Care Admission at Birth. (with Orla Doyle – University College Dublin)

The Impact of Climate Change Awareness on Youth's Mental Health and Economic Behavior. (with Laure de Preux – Imperial Business School)

Trends in Neonatal Intensive Care Resource Use and Cost for Extreme Preterm Infants in England, 2015-2023 (with Cheryl Battersby – Imperial School of Public Health)

PUBLICATIONS
(Economics)

[Socioeconomic Deprivation, Health and Healthcare Utilisation Among Millennials.](#) **Social Science & Medicine** (2024), Vol. 351C, 116961. (with B. Hollingsworth & E. Zucchelli)

→ *Media coverage:* [Mirage News](#), [HealthMediciNet](#), [Imperial News](#), [NIHR SPHR blog](#), [CLS blog](#) and [IB knowledge](#)

[Parental nonemployment in childhood and children's health later in life.](#) **Economics and Human Biology** (2023), Vol. 49, 101241. (Solo-authored)

→ *Media coverage:* [IB knowledge](#), [NIHR SPHR blog](#)

(Health Policy)

[GPs' perspectives on assessing adolescent vaping among individuals without prior smoking history: a qualitative study within primary care.](#) **BJGP Open** (2025). (with D. Vasooja, K. Peters, D. Wasan, M. Warnapala, E. Najafi, Y. Baker)

[Are Food Taxes for Healthy Eating Acceptable? A Survey of Public Attitudes in the United Kingdom.](#) **BMJ Public Health** (2025), 3(1). (with F. Sassi & H. Brinsden)

→ *Media coverage:* [News Medical](#), [Mirage News](#), [MyScience](#), [Medicalxpress](#), [Imperial News](#)

[Perceptions and practices of UK general practitioners towards youth vaping: a questionnaire-based study.](#) **BJGP Open** (2025). (with E. Najafi, D. Wasan, Y. Baker, K. Peters, D. Vasooja, M. Warnapala)

[Austerity and Waiting Times: Evidence on Reproductive Health Care Delays among Young Millennials in Deprived Areas.](#) **Public Health** (2025), Vol. 242, 111-116. (with B. Hollingsworth & E. Zucchelli)

→ *Media coverage:* [NIHR SPHR Blog](#)

[Effect of national guidance on survival for babies born at 22 weeks' gestation in England and Wales: population based cohort study.](#) **BMJ Medicine** (2023), 2, no. 1. (with L. K Smith, E. van Blankenstein, G. Fox, S. Seaton, S. Petrou, C. Battersby)

→ *Media coverage:* [The Guardian](#), [The Times](#), [Medicalxpress](#), [iNews](#), [myScience](#), [BAPM blog](#); [NIHR blog](#), [Imperial blog](#), [Nada es Gratis](#) and others

[Coping with COVID-19: the role of hospital care structures and capacity expansion in five countries.](#) **Health Economics, Policy and Law** (2023), Vol. 1-18, 186-203. (with M. Cacace, J. Böcken, K. Edquist, T. Klenk, U. Preusker, K. Vrangbaek, R. Waitzberg)

→ *Media coverage:* [Cambridge Core blog](#)

[The effect of changes in cost sharing on the consumption of prescription and over-the-counter medicines in Catalonia.](#) **International Journal of Environmental Research and Public Health** (2021), Vol. 18(5), 2562. (with P. García-Gómez & J. Puig-Junoy)

[Effects of macroeconomic fluctuations on mental health and psychotropic medicine consumption.](#) **International Journal of Health Economics and Management** (2020), Vol. 20, 277–297. (with J. Vall Castelló)

(Dataset)	UKFood Combined Dataset: Statistical Matching of the Living Costs and Food Survey with the National Diet and Nutrition Survey, 2018-2019. [Data collection]. Office for National Statistics (2025). (with F. Sassi)
FELLOWSHIPS, GRANTS & AWARDS	<p>Co-Investigator. Quantifying the Household Impact on Patient-Reported Outcomes and Costs associated with the Care of Preterm Babies. The Bukhman Foundation, 2025 (£195,000)</p> <p>Principal Investigator. Imperial College Research Fellowship (ICRF), 2024 (£239,000)</p> <p>Winner of Creating a Positive Research Environment Award. Postdoc and Fellows Development Centre (PFDC), Imperial, 2024 (£250)</p> <p>Best Paper's Presentation on Public Health Award. Spanish Society of Public Health and Health Administration, AES conference, Tenerife, 2024 (€300)</p> <p>Early Career Researcher Best Paper Award. International Health Economics Association (iHEA) Congress, Cape Town, 2023 (£500)</p> <p>Conference Travel Grant. Royal Economic Society, 2023 (£500)</p> <p>Placement Grant. COhort cOmmunity Research and Development Infrastructure Network for Access Throughout Europe (COORDINATE). Horizon program, 2022 (£4,500)</p> <p>Principal Investigator. Inequalities in Health and Health Care during Adolescence. Spanish Health Economics Association, 2021 (€10,000)</p> <p>Placement Grant. NIHR Short Placement Award for Research Collaboration, 2021 (£5,000)</p> <p>Full PhD Scholarship. School for Public Health Research (SPHR), National Institute for Health and care Research (NIHR), 2019-2022 (£48,000)</p>
TEACHING & SUPERVISION	<p>Imperial College London</p> <p>Global Trip for MBA Suite, Valparaiso (Chile), Full-Time MBA, [Supervisor] Spring 2026</p> <p>Economics, MSc in Management, [Module Leader] Fall 2024</p> <p>Research Report, MSc Economics & Strategy for Business, [Supervisor] Summer 2025</p> <p>Research Internship, BSc Economics, Finance & Data Science, [Supervisor] Summer 2025</p> <p>Financing Healthcare, MSc Health Policy, [Guest Lecturer] Spring 2025</p> <p>Research Methods & Practice, Intercalated BSc Medicine, [Supervisor] 2024 – 2025</p> <p>Contemporary Topics in Health Policy, MSc Global Health Management, [Guest Lecturer] Spring 2024 Fall 2024 – 2025</p> <p>Statistics & Econometrics, MSc Business Analytics (Online), [Lecturer] Fall 2023 Summer 2024 – 2025</p> <p>Economics of Healthcare, MSc Economics and Strategy for Business, [Teaching Assistant] Summer 2022 – 2025</p> <p>Lancaster University</p> <p>Health Economics, Undergraduate elective, [Teaching Assistant] Fall 2019 – 2021</p>
TEACHING QUALIFICATION	<p>Advanced Higher Education Fellowship (D2 level)</p> <p>Introduction to supervising PhD students A practical guide to giving effective feedback Introduction to assessment for active learning</p>
PRESENTATIONS IN CONFERENCES & INVITED TALKS	<p>Department of Health Policy, Stanford University; ASHEcon, Minneapolis 2026</p> <p>IHEA World Congress, Bali; Pompeu Fabra University seminars (Invited speaker), Barcelona; ISER internal seminars (Invited speaker), University of Essex, Colchester; Health Economics Study Group (Discussant), Bristol 2025</p> <p>International Conference of Agricultural Economists (ICAE), New Delhi, India; Spanish Health Economics Association conference, Tenerife, Spain 2024</p> <p>NBER Conference on Fertility and Declining Population Growth in High-Income Countries (Invited speaker), Cambridge (US); EALE Conference, Prague; Health Studies User Conference, University College London, London; IHEA congress, Cape Town; RES and SES Conference, Glasgow; Maynooth University external seminars (Invited speaker), Department of Economics, Maynooth; Young Irish Economists Seminar Series (Invited speaker), Trinity College Dublin, Dublin; London Health Economics Group seminars (Invited speaker), LSE Health Policy, London 2023</p>

EXTERNAL AFFILIATIONS & MEMBERSHIPS	Research Fellow, Centre for Health Economics & Policy Innovation , Imperial College London Research Fellow, Centre for Paediatrics and Child Health, Imperial College London Research Affiliate, Health, Econometrics and Data Group (HEDG), University of York Member of the Royal Economic Society, European Labor Economics Society, UK Health Economics Study Group and Spanish Health Economics Society
REFEREEING	Journals: Labour Economics Journal of Economic Behavior & Organization Health Economics Social Science & Medicine Economics & Human Biology IJHEM The Lancet Regional Health - Europe BMC Health Service Research Value in Health BMJ Open Plos One Scientific reports Funding bodies: Economic and Social Research Council (ESRC) UKRI EU Research projects in Social Science & Humanities
ACADEMIC ACTIVITIES & SERVICES	Member , Early Career Researcher Institute - Stakeholder Group, Imperial 2025 – ... Representative , Postdocs & Fellows representative , Imperial Business School 2024 – ... Member of Scientific Committee , XLIV Jornadas de Economía de la Salud (AES) 2025 Member , Research Springboard on child development, Understanding Society (Essex) 2024 Organiser , Centre for Health Economics & Policy Innovation (CHEPI) seminars 2022 – 2024 Judge , Analytics for Society Award, Gandhi Centre for Inclusive Innovation 2024 Co-organiser , London Health Economics Group (LHEG) meeting at Imperial 2023 Discussant , EuHEA Seminar Series Fall 2023 Reviewer , European Health Economics Association (EuHEA) conference 2022 – 2024 Deputy Chair , NIHR SPHR Researchers’ Network (ResNet) 2022 Organiser , Health Economics at Lancaster seminar series 2020 – 2022 Member of Scientific Committee , NIHR SPHR Annual Scientific Meeting 2021 Member , EvaluAES interest group, Spanish Health Economics Association (AES) 2019 – ...
COMPUTER LITERACY	Stata, R, SQL, Python, L ^A T _E X
LANGUAGE LITERACY	English: Fluent; Spanish: Native speaker; Catalan: Native speaker
CITIZENSHIP	British; Spanish

Last updated: March 26, 2026