

Dr LAURA VALLEJO TORRES

PERSONAL DETAILS

Universidad de la Laguna
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EDUCATION

2008-2011 Ph.D in Health Economics, University College London
2005-2006 MSc in Health Economics, University of York
2000-2004 BA in Economics, Universidad de Las Palmas de Gran Canaria, Spain

POSITIONS AND EMPLOYMENT

2013-present Researcher in Health Economics, University of la Laguna
2013-present Honorary Senior Reseacher, Department of Applied Health Research,
University College London
2011-2013 Principal Research Associate in Health Economics, UCL Clinical
Trials Unit, University College London
2010-2013 Visiting Lecturer, City University, London
2008-2011 Ph.D Researcher, University College London
2006-2008 Research Fellow, Health Economics Research Group, Brunel
University
2002-2004 Research Assistant, Department of Applied Economic Analysis,
University of Las Palmas de Gran Canaria

PUBLICATIONS IN PEER REVIEWED JOURNALS

Vallejo-Torres L, Castilla I, González N, Hunter R, Serrano-Pérez P, Perestelo-Pérez L. (2014). Cost-effectiveness of electroconvulsive therapy compared to repetitive transcranial magnetic stimulation for treatment-resistant severe depression: a decision model. *Psychol Med*. doi:10.1017/S0033291714002554. (Impact factor: 5.428)

Vallejo-Torres L, Hale D, Morris S, Viner RM. (2014). Income-related inequality in health and health-related behaviour: exploring the equalisation hypothesis. *J Epidemiol Community Health*. doi: 10.1136/jech-2013-203306. (Impact factor: 3.392)

Karlsen S, Morris S, Kinra S, **Vallejo-Torres L**, Viner RM. (2014). Ethnic variations in overweight and obesity among children over time: findings from analyses of the Health Survey for England 1998-2009. *Pediatric Obesity*, 9(3):186-96 (Impact factor: 2.276)

Vallejo-Torres L, Morris S, Kinge JM, Poirier V, Verne J. (2014). Measuring current and future cost of skin cancer in England. *Journal of Public Health (Oxf)*, 36(1):140-8 (Impact factor: 1.993)

Orueta JF, García-Álvarez A, Alonso-Morán E, **Vallejo-Torres L**, Nuño-Solinis R. (2013). Socioeconomic variation in the burden of chronic conditions and health care provision - analyzing administrative individual level data from the Basque Country, Spain. *BMC Public Health*, 22;13(1):870 (Impact factor: 2.08)

Vallejo-Torres L, Morris S. (2013). Income-related inequity in health care utilisation among individuals with cardiovascular disease in England – accounting for vertical inequity. *Health Economics*, 22(5):533-53 (Impact factor: 2.232)

Christensen M, Morris S, **Vallejo-Torres L**, Vincent C, Mayer SA. (2012). Neurological impairment among survivors of intracerebral hemorrhage: The FAST trial. *Neurocritical Care* 16(2): 224-231 (Impact factor: 3.038)

Christensen M, Morris S, Banner C, Lefering R, **Vallejo-Torres L**, Boullion B. (2011). Quality of Life after Severe Trauma: Results of the Global Recombinant Factor VII Trauma Trial. *Journal of Trauma*, 70(6):1524-31 (Impact factor: 2.478)

Vallejo-Torres L, Steuten L, Parkinson B, Girling A, Buxton M. (2011). Integrating Health Economics into the product development cycle: the case study of absorbable pins. *Medical Decision Making*, 31(4):596-610 (Impact factor: 2.329)

Vallejo-Torres L, Morris S. (2010). The contribution of smoking and obesity to income-related inequalities in health in England. *Social Science and Medicine*, 71(6):1189-1198 (Impact factor: 2.742)

Vallejo-Torres L, Morris S. (2010). Factors associated with the use of primary care services: the role of practice nurses. *European Journal of Health Economics*, 12(4):373-81 (Impact factor: 1.755)

Steiner T, Vincent C, Morris S, Davis S, **Vallejo-Torres L**, Christensen MC. (2010). Neurosurgical Outcomes After Intracerebral Hemorrhage: Results of the Factor Seven for Acute Hemorrhagic Stroke Trial (FAST). *Journal of Stroke and Cerebrovascular Diseases*, 20(4):287-94 (Impact factor: 1.680)

Vallejo-Torres L, Morris S, Carr-Hill R, Dixon P, Law M, Rice N, Sutton M. (2009). Can regional resource shares be based only on prevalence data? An empirical investigation of the proportionality assumption. *Social Science and Medicine*, 69(11):1634-42 (Impact factor: 2.699)

Steuten L, **Vallejo-Torres L**, Bastide P, Buxton M. (2009). Analysing uncertainty around costs of innovative medical technologies: The case of fibrin sealant (QUIXIL®) for total knee replacement, *Health Policy*, 89(1):46-57 (Impact factor: 1.348)

Vallejo-Torres L, Steuten L, Buxton M, Girling AJ, Lilford RJ, Young T. (2008). Integrating health economics modelling in the product development cycle of medical

devices: a Bayesian approach. *International Journal of Technological Assessment in Health Care*, 24(4):459-64 (Impact factor: 1.439)

Steuten L, **Vallejo-Torres L**, Young T, Buxton M. (2008). Transferability of economic evaluations of medical technologies: a new technology for orthopedic surgery. *Expert Review of Medical Devices*, 5(3):329-36 (Impact factor: 2.071)

PARTICIPATION IN FUNDED RESEARCH PROJECTS

Improving Biomedical Research and Innovation in the Canary Island (IMBRAIN). Funding organisation: EU 7th Framework Programme. Role: Researcher

Pre-pregnancy health and care. Principal Investigator: J. Stephenson. Funding organisation: Department of Health Policy Review Programme. Role: Researcher

Improving assessment and management of obesity in UK children and adolescents. Principal Investigator: R. Viner. Funding Organisation: NIHR Programme Grants for Applied Research. Role: Researcher

Comprehensive staging of newly diagnosed lung and colorectal cancer: Prospective multicentre comparison of whole body Magnetic Resonance Imaging with standard diagnostic imaging pathways. Principal Investigator: S. Taylor. Funding organisation: NIHR Health Technology Assessment. Role: Researcher

Diagnostic accuracy for the extent and activity of newly diagnosed and relapsed Crohn's disease: Multicentre prospective comparison of Magnetic resonance imaging and small bowel ultrasound. Principal Investigator: S. Taylor. Funding organisation: NIHR Health Technology Assessment. Role: Named Researcher

Impact of macroeconomic conditions on obesity in children, adolescents and adults. Principal Investigator: T. Stephenson. Funding Organisation: Department of Health Policy Research Programme. Role: Researcher

Economic analysis of the cost of skin cancer in England, including projections to 2020. Principal Investigator: S. Morris. Funding Organisation: South West Public Health Observatory. Role: Co-Investigator

Cost-effectiveness of Physiological Science Service Accreditation (PSSA). Principal investigator: S. Morris. Funding organisation: Department of Health. Role: Co-Investigator

Review of the Needs Formulae for Hospital Services and Prescribing Activity in England. Combining Age-Related and Additional Needs (CARAN) report. Principal investigator: S. Morris. Funding organisation: Department of Health. Role: Co-Investigator

CONFERENCE PRESENTATIONS

The monetary value of a QALY: is the dilemma really over? Health Economists' Study Group meeting, Leeds, 2015 (Oral presentation)

The impact of primary care supply on quality of care. American Society of Health Economists Congress (ASHEcon). Los Angeles, 2014 (Oral presentation)

Cost-effectiveness of electroconvulsive therapy compared to repetitive transcranial magnetic stimulation for treatment-resistant severe depression: a decision model. Health Technology Assessment International (HTAi), Washington, 2014 (Oral presentation)

Cost-effectiveness analysis of newborn screening for biotinidase deficiency. Spanish Health Economics Conference, Pamplona, 2014 (Oral presentation)

Cost-effectiveness of electroconvulsive therapy compared to repetitive transcranial magnetic stimulation for treatment-resistant severe depression: a decision model. Spanish Health Economics Conference, Pamplona, 2014 (Poster presentation)

Income-related inequality in health and health-related behaviour: exploring the equalisation hypothesis. Spanish Health Economics Conference, Santander, 2013 (Oral presentation)

The impact of primary care supply on quality of care in England. Spanish Health Economics Conference, Bilbao, 2012 (Oral presentation)

The impact of primary care supply on quality of care in England. Health Economists' Study Group meeting, Oxford, 2012 (Oral presentation)

The impact of macroeconomic conditions on obesity in adults and children in England. Health Economists' Study Group meeting, Marseilles, 2012 (Oral presentation)

On the measurement of vertical inequity in health care utilisation – emphasising the need dimension. International Health Economics Association Congress, Toronto, 2011 (Oral presentation)

Vertical and horizontal inequity in area level allocations of cancer spending in England. Health Economists' Study Group meeting, Bangor University, 2011 (Oral presentation)

Vertical and horizontal inequity in area level allocation of health care resources in cancer programme in England. Spanish Health Economics Conference, Mallorca, 2011 (Oral presentation)

Measuring vertical equity in health care utilisation using a concentration index approach: a comparison of estimates using socioeconomic ranks and need ranks. European Conference of Health Economics, Helsinki, 2010 (Oral presentation)

Measuring vertical equity in health care utilisation: a comparison of estimates using socioeconomic ranks and need ranks. Spanish Health Economics Conference, Valencia, 2010 (Oral presentation)

The contribution of smoking and obesity to income related inequality in health in England. Health Economists' Study Group meeting, The University of Manchester, 2009 (Oral presentation)

Socioeconomic inequity in the delivery of health care in England: accounting for vertical inequity. Health Economists' Study Group meeting, Sheffield University, 2009 (Oral presentation)

The contribution of smoking and obesity to income related inequality in health in England. Spanish Health Economics Conference, Malaga, 2009 (Oral presentation)

Integrating health economics modelling in the product development cycle of medical devices: a Bayesian approach. Annual Health Technology Assessment international meeting, Montreal, 2008 (Oral presentation)

Enlightened development and informed decision making for medical devices to improve user access. Workshop at the annual Health Technology Assessment international meeting, Montreal, 2008 (Oral presentation)

An investigation of the proportionality assumption underpinning the epidemiological approach to resources allocation. Health Economists' Study Group meeting, East Anglia University, 2008 (Oral presentation)

The determinants of the use of practice nurse services in England. Spanish Health Economics Conference, Salamanca 2008 (Oral presentation)

The determinants of the use of practice nurse services in England. Health Economists' Study Group meeting, Brunel University, 2007 (Oral presentation)

Demand for Insecticide-Treated Nets (ITNs) in Surat, India: Moving from Willingness to Pay for One to Many ITNs. International Health Economics Association Congress, Copenhagen, 2007 (Oral presentation)

Demand for Insecticide-Treated Nets (ITNs) in Surat, India: Moving from Willingness to Pay for One to Many ITNs. Health Economists' Study Group meeting, Brunel University, 2007 (Oral presentation)

INVITED SEMINARS

The impact of innovation on the sustainability of the health care system. National Congress of the Spanish Society of Pharmacists in Primary Care, October 2014, Mérida, Spain (Inaugural conference).

On the estimation of the monetary value of a Quality-Adjusted Life Year (QALY). Research Centre in Economics and Health (CRES), Universitat Pompeu Fabra, October 2014, Barcelona, Spain.

Equity in health and health care. Basque Institute of Medical Innovation, December 2012, Bilbao, Spain.

Health, equity and quality of health services: an econometric approach. Universidad de Las Palmas de Gran Canaria, December 2012, Las Palmas de Gran Canaria, Spain.

On the measurement of vertical inequity in health care utilisation – emphasising the need dimension. Erasmus University, January 2012, Rotterdam, the Netherlands.

The cost of skin cancer in England. The Economics of cancer workshop. National Cancer Intelligence Network, October 2011, London, UK.

An economic analysis of vertical equity in the delivery of health care in England. Health Economics Research Group, Brunel University, January 2011, London UK.

An economic analysis of vertical equity in the delivery of health care in England. Health, Econometrics and Data Group, University of York, December 2010, York, UK.

Testing the proportionality assumption that underpins the epidemiological approach; Department of Health, April 2008, London, UK.

COURSES ATTENDANCE

Economic evaluation in clinical trials. Glasgow University. Leading lecturer: Andrew Briggs, Elizabeth Fenwick & Henry Glick. Glasgow, September 2012.

Design, analysis and management of clinical trials. Barts and the London. Leading lecturer: Sandra Eldridge. London, July, 2012.

Regression discontinuity methods for health economists. Taller BBVA, Spanish Association of Health Economics. Leading lecturers: Carlos Dobkin & Michael Anderson. Mallorca, May 2011.

Methods for the analysis of panel data in health and health care. Health, Econometrics and Data Group, University of York. Leading lecturer: Nigel Rice. York, April 2010

Methods for the analysis of categorical dependent variables. Health, Econometrics and Data Group, University of York. Leading lecturer: William Greene. York, January 2010

Inequalities in health and health care. International doctoral courses. Swiss School of Public Health. Leading lecturers: Eddy van Doorslaer & Owen O'Donnell. Geneva, June 2009.

Evidence synthesis for decision modelling. University of Leicester. Leading lecturers: Keith Abrams, Tony Ades, Nicola Cooper, Alex Sutton & Nicky Welton. Venice, July 2007.

Individual and context in health and health care: An introduction to multilevel analysis. CRES seminar in Health Economics. Leading lecturer: Beatriz Gonzalez. Barcelona, November 2007.

HONOURS, GRANTS, FELLOWSHIPS AND AWARDS

Financial support to attend the iHEA World Congress, Toronto, 2011. Granted by the Spanish Health Economics Association.

Capacity Building Studentship in Health Economics. Granted by the Medical Research Council, UK

Financial support to attend the Spanish Health Economics Conference (AES), Malaga, 2009. Granted by the Spanish Health Economics Association.

Financial support to attend the European Conference of Health Economics (ECHE). Helsinki, 2010. Granted by the Spanish Health Economics Association

Undergraduate Fellowship. Granted by the Spanish Ministry of Education and Science, for the period 2003-2004

Undergraduate Fellowship. Granted by the Department of Applied Economic Analysis, Universidad de Las Palmas de Gran Canaria, for the period 2002-2003

OTHER PROFESSIONAL ACTIVITIES

Referee: Social Science and Medicine; Value in Health; Gaceta Sanitaria; Health Policy; Health Economics; Journal of Health Economics; British Medical Bulletin; Applied Economic Perspectives and Policy; Nicotine & Tobacco Research

Professional Memberships: Spanish Health Economics Association; Health Economists' Study Group; International Health Economics Association

Member of the Board of Directors of the Spanish Association of Health Economics