# **Dr Verity Watson**

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## **Curriculum Vitae**

## **April 2018**

## **Education**

Ph.D. Economics, A cost benefit analysis of decommissioning offshore installations, University of Aberdeen, 2003

MSc Economics, Glasgow University, Grade: Merit, 1998

MA (Hons) Economic Science, University of Aberdeen, Grade: Upper Second Class Honours, 1997

#### **Academic Positions**

Senior Research Fellow, Theme leader of 'Methods of Benefit Valuation', Health Economics Research Unit, University of Aberdeen, 2013 to present

Research Fellow (Grade 7), Theme leader of 'Experimental Economics', Health Economics Research Unit, University of Aberdeen, 2009 to 2013

Research Fellow (Grade 6), Health Economics Research Unit, University of Aberdeen, 2003-2009

Research Assistant, Health Economics Research Unit, University of Aberdeen, 2002-2003

# **Research Visits**

School of Population and Public Health, University of British Columbia - Peter Wall Institute of Advanced Studies, International Visiting Research Scholar, September-October 2015, March 2018

School of Economics and Management, Universidade do Minho, Portugal, February 2013; October 2013

Center for Social Policy, Universiteit Antwerpen, Belgium, December 2012

Centre for Clinical Epidemiology and Evaluation, University of British Columbia, Canada, August 2006

Centre for Health Economics and Policy Analysis, University of Calgary, May-June 2004, September 2004.

## **Publications**

## Non-market valuation

Cerroni, S. Watson, V. Macdiarmid, J. Kalentakis, D. (Forthcoming). Preferences for healthy and environmentally sustainable food: Combining induced-value and home-grown experiments. **European Journal of Agricultural Economics.** 

Heidenreich, S. Watson, V. Ryan, M. Phimister, E. (2018). Decision heuristic or preference? Attribute non-attendance in discrete choice problems **Health Economics** 27, 157-171 doi:10.1002/hec.3524

Ikenwilo, D. Heidenreich, S. Ryan, M. Mankowski, C. Nazir, J. Watson, V. (2018). The best of both worlds: An example mixed methods approach to understand men's preferences for the treatment of Lower Urinary Tract Symptoms, **The Patient** 11(1), 55-67 doi:10.1007/s40271-017-0263-7

Tsuchiya, A. Watson, V. (2017). Re-thinking "the different perspectives that can be used when eliciting preferences in health" **Health Economics** 26, e103-e107. doi:10.1002/hec.3480

Krucien, N. Watson, V. Ryan M. (2017). Is best-worst scaling suitable for health state valuation? A comparison with discrete choice experiments. **Health Economics** 26, e1-e16 <a href="https://doi.org/doi.or

Watson, V. Becker, F. de Bekker-Grob, E. (2017). Responses rates to discrete choice experiments: A meta-analysis. **Health Economics**, 26(6), 810-817 doi:10.1002/hec.3354

Kenter, J.O. Reed, M.S. Irvine, K.N. O'Brien, E. Bryce, R. Christie, M. Cooper, N. Hockley, N. Fazey, I. Orchard-Webb, J. Ravenscroft, N. Raymond, C.M. Tett, P. Watson, V. (2016). Shared values and deliberative valuation: Future directions. **Ecosystem Services**, 21, 358-371. doi:1016/j.ecoser.2016.10.006

Kenter, J.O. Jobstvogt, N. Watson, V. Irvine, K.N. Christie, M. Bryce, R. (2016). The impact of information, value-deliberation and group-based decision-making on values for ecosystem services: integrating deliberative monetary valuation and storytelling, **Ecosystems Services** 21, 270-290. doi:10.1016/j.ecoser.2016.06.006

Kenter, J. O'Brien, L. Hockley, N. Ravenscroft, N. Fazey, I. Irvine, K. Reed, M. Christie, M. Brady, E. Bryce, R. Church, A. Cooper, N. Davies, A. Evely, A. Everard, M. Fish, R. Fisher, J. Jobstvogt, N. Molloy, C. Orchard-Webb, J. Ranger, S. Ryan, M. Watson, V. and Williams, S. (2015). What are shared and social values of ecosystems? **Ecological Economics** 111, 86-99. doi:10.1016/j.ecolecon.2015.01.006

Luchini, S. Watson, V. (2014). Are discrete choice experiments reliable? Evidence from the lab. **Economic Letters** 124, 9-13. doi:10.1016/j.econlet.2014.04.005

Regier, D. Watson, V. Burnett, H. Ungar, W. (2014). Task complexity and response certainty in discrete choice experiments. **Journal of Behavioral and Experimental Economics** (formerly Journal of Socioeconomics), 50, 40-49. <a href="https://doi.org/doi.or

Jobstvogt, N. Kenter, J.O. Watson, V. (2014). Looking beneath the surface: The economic value of marine protected areas (MPAs) to recreational users. **Ecosystem Services** 10, 97-110. doi: 10.1016/j.ecoser.2014.09.006

Luchini, S. and Watson, V. (2013). Framing and certainty in a valuation task. **Journal of Economic Psychology** 39, 204-214. doi: 10.1016/j.joep.2013.08.001

Ryan, M. and Watson, V. (2009), Comparing welfare estimates from payment card contingent valuation and discrete choice experiments, **Health Economics** 18(4), 389-401. doi:10.1002/hec.1364

Ryan, M. Watson, V. and Entwistle, V. (2009), Rationalising the 'irrational': A think aloud study of discrete choice experiment responses, **Health Economics** 18(3), 321-336. <a href="mailto:doi:10.1002/hec.1369">doi:10.1002/hec.1369</a> (Awarded the ISPOR Research Excellence Award for Methodology)

Watson, V. and Ryan, M. (2007), Exploring anomalies in double bounded contingent valuation. **Journal of Health Economics** 26, 463-82. doi: 10.1016/j.jhealeco.2006.10.009

Ryan, M. Watson, V. and Amaya-Amaya, M. (2003), Methodological issues in monetary valuation of health benefits. **Expert Review in Pharmacoeconomics and Outcomes Research** 3, 717-27. doi:10.1586/14737167.3.6.717

## Applied labour economics

Cleland, J. Johnson, P. Watson, V. Krucien, N. Skåtun, D. (2017), What do UK medical students value most in their career? A discrete choice experiment. **Medical Education** 51, 839-851 <a href="mailto:doi:10.1111/medu.13257">doi:10.1111/medu.13257</a>

Cleland, J. Johnson, P. Watson, V. Krucien, N. Skåtun, D. (2016), What do UK doctors-in-training value in a post? A discrete choice experiment. **Medical Education** 50, 189-202 doi:10.1111/medu.12896

Watson, V. Sussex, J. Ryan, M. Tetteh, E. (2012), Managing poorly performing clinicians: The value of independent help. **Health Policy** 104(3), 260-271. doi: 10.1016/j.healthpol.2011.12.006

Dickey, H. Watson, V. and Zangelidis, A. (2011), Is it all about money? An examination of the motives behind moonlighting, **Applied Economics** 43(26), 3767-3774. doi: 10.1080/00036841003724403

Dickey, H. Watson, V. and Zangelidis, A. (2011), Job satisfaction and quit intentions of offshore workers in the U.K. North Sea oil and gas industry, **Scottish Journal of Political Economy** 58(5), 607-633. doi:10.1111/j.1467-9485.2011.00561.x

# Applied health economics

Hifinger, M. Hiligsmann, M. Ramiro, S. Watson, V. Berghea, F. Péntek, M. Keat, A. Severens, J.L. Fautrel, B. Boonen, A. (2017) Influence of disease activity on RA treatment choices in countries with restricted access to biological drugs: A discrete choice experiment among rheumatologists, **RMD Open** 3(2), e000453 doi: 10.1136/rmdopen-2017-000453

Hiligsmann, M. Dellaert, B. Dirksen, C. Watson, V. Bours, S. Goemaere, S. Reginster, J.Y. Roux, C. McGowan, B. Silke, B. Whelan, B. Diez-Perez, A. Torres, E. Papadakis, G. Rizzoli, R. Cooper, C. Pearson, G. Boonen, A. (2017) Patients' preferences for anti-osteoporosis drug treatment: a cross-European discrete choice experiment. **Rheumatology** 56(7), 1167-1176 <a href="https://doi.org/doi

Porteous, T. Bond, C. Ryan, M. Watson, V. Watson, M. (2017) Patient satisfaction in a community pharmacy. **The Pharmaceutical Journal**, 298(7899), 169

Mankowski, C. Ikenwilo, D. Heidenreich, S. Ryan, M. Nazir, J. Newman, C. Watson, V. (2016). Men's preferences for the treatment of lower urinary tract symptoms associated with benign prostatic hyperplasia: A discrete choice experiment. **Patient Preference and Adherence**, 10:2407-2417 doi: 10.2147/PPA.S112161

Hifinger, M. Hiligsmann, M. Ramiro, S. Severens, J.L. Fautrel, B. Watson, V. Uhlig, T. van Vollenhoven, R. Jacques, P. Detert, J. Canas da Silva, J. Scirè, C.A. Berghea, F. Carmona, L. Péntek, M. Keat, A. and Boonen, A. (2017) Economic considerations and patients' preferences affect treatment selection for rheumatoid arthritis patients: A discrete choice experiment among European rheumatologists. **Annals of the Rheumatic Diseases**, 76(1) 126-132 <a href="mailto:doi:10.1136/annrheumdis-2016-209202">doi:10.1136/annrheumdis-2016-209202</a>

Hifinger, M. Hiligsmann, M. Ramiro, S. Severens, J.L. Fautrel, B. Uhlig, T. van Vollenhoven, R. Jacques, P. Detert, J. Canas da Silva, J. Scirè, C.A. Berghea, F. Carmona, L. Péntek, M. Keat, A. Boonen A. (2016). Patient's preferences and economic considerations play an important role in treatment decisions. A discrete choice experiment among rheumatologists. **Rheumatology**<a href="mailto:doi:10.1093/rheumatology/kew328">doi: 10.1093/rheumatology/kew328</a>

Porteous, T. Ryan, M. Bond, C. Watson, M. Watson, V (2016). Managing minor ailments in the United Kingdom; the public's preferences for characteristics of community pharmacies. A discrete choice experiment. **Plos ONE** <a href="https://doi.org/10.1371/journal.pone.0152257">doi:10.1371/journal.pone.0152257</a>

Dickey, H. Ikenwilo, D. Norwood, P. Watson, V. and Zangelidis, A. (2016). "Doctor my eyes": A natural experiment on the demand for eye care services. **Social Science and Medicine** 150, 117-127. doi:10.1016/j.socscimed.2015.12.037

Elliott, A. Yi, D. Watson, V. Ryan, M. Hannaford, P. McAteer, A. and Norwood, P. (2015). Exploring preferences for symptom management in primary care. **British Journal of General Practice** doi: 10.3399/bjgp15X685705

Craig, B.M. Donovan, K.A. Fraenkel, L. Watson, V. Hawley, S. and Quinn, G. (2014). A generation of childless women: Lessons from the United States. **Women's Health Issues** 24, 21-27. doi: 10.1016/j.whi.2013.09.005

Hiligsmann, M. Dellaert, B. Dirksen, C. van der Weijden, C. Goemaere, S. Reginster, J-Y. Watson V. and Boonen A. (2014). Patients' preferences for osteoporosis drug treatment: A discrete choice experiment. **Arthritis Research and Therapy** 16, R36. doi:10.1186/ar4465

Dickey, H. Ikenwilo, D. Norwood, P. Watson, V. and Zangelidis, A. (2013), Utilisation of eye care services: Examining the effect of Scotland's eye care policy. **Health Policy** 108(2), 286-293. doi: 10.1016/j.healthpol.2012.09.006

Watson, V. Carnon, A. Ryan, M. Cox, D. (2012), Involving the public in priority setting using discrete choice experiments: A case study in NHS Dumfries & Galloway. **Journal of Public Health** 34 (2), 253-260. <a href="https://doi.org/10.1093/pubmed/fdr102">doi:10.1093/pubmed/fdr102</a>

Scalone, L. Watson, V. Ryan, M. Patel, R. and Kotsopoulos, N. (2011), Evaluation of patients' preferences in genital herpes treatment, **Sexual Transmitted Diseases** 38(9), 802-807. <u>doi:</u> 10.1097/OLQ.0b013e318218702c

Pitchforth, E. van Teijlingen, E. Watson, V. Tucker, J. Kiger, A. Ireland, J. Farmer, J. Rennie, A-M. Gibb, S. Martin, E. and Ryan, M. (2009), 'Choice' and place of delivery: A qualitative study of women in remote and rural Scotland, **Quality and Safety in Healthcare** 18, 42-48. doi:10.1136/qshc.2007.023572

Eberth, B. Watson, V. Ryan, M. Hughes, J. and Barnett, G. (2009), Does one size fit all? Investigating heterogeneity in men's preferences for Benign Prostatic Hyperplasia treatment, **Medical Decision Making** 29(6): 707-715. doi: 10.1177/0272989X09341754

Watson, V. Ryan, M. and Watson, E. (2009), Valuing experience factors in the provision of Chlamydia screening: an application to women attending the family planning clinic, **Value in Health** 12(4) 621-623. doi: 10.1111/j.1524-4733.2008.00451.x

Pitchforth, E. Watson, V. Tucker, J. Ryan, M. van Teijlingen, E. Farmer, J. Ireland, J. Martin, E. Kiger, A. and Bryers, H. (2008), Models of intrapartum care and women's trade-offs in remote and rural Scotland: A mixed-methods study. **British Journal of Obstetrics and Gynaecology** 155, 560-569. doi: 10.1111/j.1471-0528.2007.01516.x

Ryan, M. and Watson, V. (2006), Counting the cost of fast access: using discrete choice experiments to elicit preferences in general practice. **The British Journal of General Practitioners** 56, 4-5. <a href="http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1821424/">http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1821424/</a>

Ryan, M. Diack, J. Watson, V. and Smith, N. (2005), Rapid prenatal diagnostic testing for Down syndrome only or longer wait for full karyotype: the views of pregnant women. **Prenatal Diagnosis** 25, 1206-11. doi:10.1002/pd.1309

Watson, V. Ryan, M. Barnett, G. Ellis, B. Emberton, M. and Brown, C. (2004), Eliciting preferences for drug treatment of lower urinary tract symptoms associated with Benign Prostatic Hyperplasia. **Journal of Urology** 172, 2321-25. doi: 10.1097/01.ju.0000140957.31325.7f

## **Book chapters**

Ryan M. Watson V. and Gerard K. (2008). Practical issues in conducting a discrete choice experiment. In, Ryan M. Gerard K. and Amaya-Amaya M. (Eds.) Using discrete choice experiments to value health and health care, Springer, Dordrecht.

## Working papers

A comparison of three preference-based methods to estimate weights for multidimensional deprivation indices, with C. Dibben, M. Cox, I. Atherton, M. Sutton and M. Ryan (OPHI Working Papers ophiwp24, University of Oxford: click <a href="here">here</a>). Resubmitted

Investigating bus users' preferences for Low Emission Buses: Experiences from Europe's largest hydrogen bus fleet. with L. Loria, T. Kiso, E. Phimister. *Submitted* 

Is relational continuity of care as important as policy makers think? Evidence from Portugal with P. Norwood, I. Correia, S. Heidenreich, P. Veiga. *Submitted*.

Choice certainty and deliberative thinking in discrete choice experiments. A theoretical and empirical investigation. with D. Regier, J. Sicsic. *Submitted*.

Survey mode effects when eliciting public preferences for health care: A discrete choice experiment study, with T. Porteous, M. Ryan, T. Bolt. *Submitted* 

More Than Meets The Eye: Has the Eye Care Policy in Scotland Had Wider Health Benefits? with A. Zangelidis, H. Dickey and P. Norwood.

Allowing for regret in stated preferences: What are the determinants of patients' cancer-related decision making? with N. Krucien and M. Ryan

Does an oath improve demand revelation in multi-attribute choice? with S. Luchini, N. Jacquemet, J. Shogren.

Health care reform during an economic crisis: The case of primary care reform in Portugal, with P. Norwood, P. Veiga Benesch, I. Corriera.

What was I thinking? Individuals' ability to self-report their decision rule in discrete choice experiments. with S. Heidenreich, E. Phimister, M. Ryan

What triggers multiple job holding? with H. Dickey and A. Zangelidis (MPRA Paper 17575, University Library of Munich, Germany: click <a href="here">here</a>).

## **Work in Progress**

Laboratory QALYs with S. Luchini and D. Regier

GP practice sustainability with R. Schulz, H. Dickey, P. Murchie and J. MacLeod

Eliciting preference-based weights for a multidimensional well-being index, with K. Decancq

Monetary analysis of health outcomes, with R. Schulz, D. Regier, S. Luchini

Coherent arbitrariness in stated preference tasks, with M. Ryan and P. Norwood

How emotions affect cancer treatment choices with N. Krucien and H. Ahmed

A combined revealed and stated preferences model to disentangle the influence of attitudes and preferences on preventive behaviours, with J. Sicsic, N. Krucien, N. Pelletier-Fleury, N. Moumjid

Agency and choice of cancer care follow-up, with A. Pearce, P. Gallagher, A. Timmons, L. Sharp

The impact of video information on discrete choice experiment responses, with D. Regier

Men's preferences for the treatment of prostate cancer, with D. Ikenwilo, N. Krucien, H. Ahmed

Reweighting to correct sample representativeness with R. Schulz and A. Werwatz

Distributional assumptions in single index models of discrete choice, with R. Schulz

Risk benefit trade-offs in maternity care, with N. Krucien and S. Erdem

# **Reports**

Correia, I. Veiga, P. Norwood, P. Watson, V. (2014). What do patients want from primary care services? Report for Ministério da Saúde/INSA, I.P., Portugal.

Watson, V. Ikenwilo, D. Heidenreich, S. Ryan, M. (2014). Men's preferences for the treatment of lower urinary tract symptoms associated with Benign Prostatic Hyperplasia. Report for Astellas.

Cleland, J. Johnston, P. Mattick, K. Rees, C. Skåtun, D. Watson V. (2013). Understanding push-pull factors in medical careers decision making. Final report for NHS Education for Scotland (NES).

Kenter, J.O. Bryce, R. Davies, A. Jobstvogt, N. Watson, V. Ranger, S. Solandt, J.L. Duncan, C. Christie, M. Crump, H. Irvine, K.N. Pinard, M. Reed, M.S. (2013). The value of potential Marine Protected Areas in the UK to divers and sea anglers. UK National Ecosystem Assessment, United Nations Environment Program-World Conservation Monitoring Centre, Cambridge, UK.

Dickey, H. Ikenwilo, D. Norwood, P. Watson, V. Zangelidis, A. Utilisation of eye care services: Examining the effect of Scotland's eye care policy. A report for the Scotlish Government Chief Scientists Office (CSO), October 2012.

Sussex, J. Watson, V. Tetteh, E. and Ryan, M. Investigation of the value placed in NCAS service by referrers in the NHS. A report for the National Patient Safety Agency, May 2010. (http://www.ncas.npsa.nhs.uk/publications/)

Dickey, H. Watson, V. and Zangelidis, A. Working practices in the UK North Sea Oil and Gas industry. January 2008.

Dibben, C. Atherton, I. Cox, M. Watson, V. Sutton, M. and Ryan, M. Investigating the impact of changing the weights that underpin the Index of Multiple Deprivation 2004. A report for the Department of Communities and Local Government, January 2007. (http://www.communities.gov.uk/publications/communities/investigatingimpact)

Ryan, M. and Watson, V. Using discrete choice experiments to inform priority setting. A Report for NHS Dumfries and Galloway, October 2006.

Tucker, J. Farmer, J. Bryer, H. Kiger, A. van Teijlingen, E. Ryan, M. Pitchforth, E. King, K. Martin, E. Watson, V. and Reid, J. Sustainable maternity services in remote and rural areas of Scotland: Implementation and external evaluation of maternity care models. NHS Scotland Maternity Services Project Board, January 2006.

# Other publications

McAteer, A. Yi, D. Watson, V. Norwood, P. Ryan, M. Hannaford, P. (2015). Who wants to see a GP? Almost everyone. *HERU Policy Brief series* 

Dickey, H. Ikenwilo, D. Norwood, P. Watson, V. and Zangelidis, A. (2011). Eye care services in Scotland: Did the Scots get it right? *SIRE briefing paper series* 

Watson, V. Ryan, M. (2010). Valuing patient experience factors in the provision of Chlamydia screening. *HERU briefing paper series* 

# Research grants and awards

Pregnant women's risk benefit trade-offs for maternity care, research grant from a Scottish NHS organisation, 2016. Co-holders N. Krucien, S. Erdem, Pl.

International Visiting Research Scholar Award from Peter Wall Institute for Advanced Studies to visit University of British Columbia, 2015.

Health Economics Research Unit, Chief Scientists Office CORE grant, 2013-2017. Co-holders: M. Ryan, M. van der Pol, P. McNamee, D. Skatun, G. Scotland.

*Understanding push-pull factors in medical careers decision making,* research grant from NHS Education for Scotland, 2013. Co-holders: D. Skåtun, J. Cleland, P. Johnstone, K. Mattick, C. Rees.

Men's preferences for treatment of Lower Urinary Tract Symptoms associated with Benign Prostatic Hyperplasia, Astellas Pharma, Consultancy project, 2013. Co-holders: M. Ryan and D. Ikenwilo, Pl.

National UK Ecosystems Agreement: Shared Values Work package, research grant from Birmingham City University as part of Natural Environment Research Council grant, 2012.

Spending Wisely: Investigating survey mode effects in discrete choice experiment responses, research grant from Medical Research Council, 2012, Pl.

*Preferences for primary care delivery in Portugal*, research grant from Portuguese Department of Health, 2012.

Eye care services in Scotland: Did the Scots get it right? research grant from Chief Scientist Office of Scottish Government, 2011.

Investigation of the value placed in NCAS service by referrers in the NHS, research grant from National Patient Safety Agency, 2009, co-PI.

*Men's preferences for prostate cancer treatment,* research grant from University College London, 2009, PI.

Demand revelation in discrete choices experiment: An induced value experiment, pump priming grant from University of Aberdeen, 2009, PI.

A pilot study of on the effect of free eye examinations on the private ophthalmic opticians market, research grant from University of Aberdeen, 2009.

Using discrete choice experiments to inform priority setting, research grant from NHS Dumfries and Galloway, 2006.

The Incidence of Moonlighting in the North Sea Offshore Oil and Gas Industry, research grant from the Carnegie Trust for the Universities of Scotland, 2006

ESRC Bursary for Training to attend Advances in Modelling Human Choice Behaviour, 2006.

Royal Economic Society Small Academic Expenses to attend Advances in Modelling Human Choice Behaviour, 2006.

Ph.D. Studentship awarded by Oil and Gas Centre, University of Aberdeen. Sponsorship from Shell UK Exploration and Production, John Wood Group PLC and Exxon Mobil, 1998-2001.

Scottish Graduate Programme in Economics (SGPE) Studentship awarded by Scottish Economic Society. 1997- 1998.

#### **Presentations**

**Invited seminars** 

<u>2018</u>: School of Population and Public Health, University of British Columbia; Network of Alberta Health Economists Rounds, University of Calgary; Technische Universität Berlin

<u>2017:</u> Workshop on Local Governance, University of Aberdeen; Workshop on Cost-Benefit Analysis of Environmental Health Interventions, LSHTM, London; Workshop on Non-Market Valuation, Leeds (plenary); Stated Preferences in Health Economics workshop, Department of Economics, University of Sheffield; Well-being and Preference workshop, Department of Economics, University of Stirling

2016: Institute for Statistics and Econometrics, Technische Universität Berlin

<u>2015</u>: Department of Emergency Medicine, University of Alberta; School of Population and Public Health, University of British Columbia

<u>2014</u>: Preferences, well-being and discrete choice experiments workshop, Universiteit Antwerpen; dggö workshop on Distribution (Keynote), Hamburg; 40 years of Health Economics at Aberdeen; Choice workshop, University of Stirling; SEEL Workshop in Experimental Economics, University of Aberdeen; Haindorf Seminar, Hejnice, Czech Republic

<u>2012</u>: Herman Deleek Centre for Social Policy, Universiteit Antwerpen; Overseas Development Initiative (ODI): Valuing Development Workshop, London; Department of Healthcare Management, Technische Universität Berlin

<u>2011</u>: Imperial College Business School, London; Health Economics Research Centre, University of Oxford

2008: Oxford Poverty and Human Development Initiative, University of Oxford

2005: The Dugald Baird Centre, University of Aberdeen

2004: Institute for Economic and Regional Research (IRER), University of Neuchatel

# Conference presentations

2017: Health Economists Study Group, Aberdeen

2016: Behavioural Experiments in Health workshop, Köln

2015: LAGV Conference in Public Economics, Aix-en-Provence

2014: European Conference in Health Economics, Dublin

2013: Associação Portuguesa de Economia da Saúde, Braga; New Directions in Welfare III, Paris

2012: Franco-British Meeting in Health Economics, Aix-en-Provence;

2010: Scottish Economics Society, Perth; European Health Economics Conference, Helsinki;

2008: Scottish Economic Society, Perth

<u>2007</u>: International Association of Health Economics (iHEA), Copenhagen; Annual Scottish Public Health Conference, Airth

2006: International Association Health Economics (iHEA), Barcelona; Scottish Economics Society, Perth

<u>2004</u>: Franco-British Meeting in Health Economics, Paris; European Association of Environmental and Resource Economists, Budapest; Health Economic Study Group, Glasgow; European Health Economics Conference, London

<u>2003</u>: Health Economic Study Group, Leeds; UK Environmental Economics Conference, Glasgow; Scottish Economic Society, Glasgow; Evidence, Policy, Practice: Public Health Research in Scotland, Edinburgh

## Other presentations

Involving the Public in Healthcare Decisions: The Use of Discrete Choice Experiments Workshop, Edinburgh, 2008

National Health Service Tayside Board Meeting, 2004

National Health Service Ayrshire & Arran, Board Meeting, 2004

Decommissioning Knowledge Base, Funders Meeting, University of Aberdeen, 2000 Decommissioning Knowledge Base, Funders Meeting, University of Aberdeen, 1998

## **Courses Taught**

#### Full semester courses

Health Economics, postgraduate course for MSc students on the Scottish Graduate Programme in Economics (SGPE), University of Edinburgh, 2014 to present.

The Economics of Business and Society (Microeconomics), first year undergraduate course, 2011.

Health and Wealth of Nations, first year undergraduate course, 2010-2014.

International Health Care Management, postgraduate course for MBA students, 2009-2010

Health Economics, fourth year undergraduate course for BSc Health Sciences students, 2007-2011

Health Economics, postgraduate course for MSc and MBA students, 2005-2010

Microeconomics for Social Sciences, Summer School for Access to University, 2004-2006

Environmental and Natural Resource Economics, third year undergraduate course, TA, 1998

The Challenge of the Environment, first year undergraduate course, TA, 1998

Microeconomics, first year undergraduate course, TA, 1998-2002

Macroeconomics, first year undergraduate course, TA, 1999-2002

#### Short courses

Using Discrete Choice Experiments in Health Economics: Theoretical and Practical Issues. University of Aberdeen, 2003, 2005, 2008, 2010, 2011, 2013, 2014, 2015, 2016, 2017; University of Calgary, 2004; Erasmus University Rotterdam, 2005.

Willingness to pay in health care. Technische Universität Berlin, 2014; Ludwigs Maximillian Universität Munchen, 2015.

Health Economic Evaluation using Contingent Valuation and Discrete Choice Experiments. Centre for Clinical Epidemiology and Evaluation and University of British Colombia, 2006.

Monetary Valuation in Healthcare. University of Aberdeen, 2004; University of Calgary, 2004.

Discrete choice experiments: what are they, and their application in health economics. Universidade do Minho, 2013.

# Ph.D. Student and Post-doc Supervision and Advising

# **Current PhD students**

Dwayne Boyers, Measuring value within an economic evaluation framework: A case study of dental care. Summer 2012 – present (part-time)

Yuan Zhang, Having it all? The complex relationship between fertility and female labour market participation. Autumn 2016 – present

Emma Tassie, Using benefits transfer to incorporate broader measures of value into health technology assessments. Autumn 2016-present

## Current post-doctoral researchers

Luis Enrique Loria Rebolledo, Using house prices to value local air quality. 2018-present

# Completed PhD students

Luis Enrique Loria Rebolledo, Preferences for low emissions public transport. 2015 – 2018

Sebastian Heidenreich, An empirical investigation of decision heuristics in discrete choice experiments. Autumn 2012 – March 2016

# Completed post-doctoral researchers

Alison Pearce, Cancer care follow up project (based at Irish Cancer Registry – Mentor)

Nicolas Krucien, The "patients' preferences in health" project: Using advances in health economics for better health outcomes. January – December 2013

Jonathan Sicsic, Revealing women's preferences for breast cancer screening using advanced stated preferences methods. January 2017 – July 2017

Sebastian Heidenreich, Decision heuristics in choice experiment responses. April 2016 – December 2017

#### **Examiner**

External PhD examiner for School of Mathematics and Physics, Queen's University Belfast

# Refereeing

## **Journals**

Canadian Journal of Economics, Environment and Development Economics, Environmental and Resource Economics, Experimental Economics, European Journal of Health Economics, Health Economics, International Journal of Healthcare Finance and Economics, Journal of Benefit Cost Analysis, Journal of Choice Modelling, Journal of Economic Psychology, Journal of Economic Surveys, Journal of Environmental Economics and Management, Journal of Health Economics, Journal of Socioeconomics, Nature: Sustainability, Nordic Journal of Health Economics, Resource and Energy Economics, Social Science and Medicine, Value in Health.

BMC Health Services Research, Ecosystems Services, Emergency Medicine Journal, European Journal of Cancer Research, Globalisation and Health, Haemophilia, Health Expectations, Health Policy, Health Research Policy and Systems, Health Services Research, Implementation Science, Journal of Clinical Epidemiology, Journal of Environmental Management, Medical Decision Making, Midwifery, The Patient, PLOS One, Thorax, Tourism Management.

## Grant awarding bodies

Dutch Cancer Society; Economic and Social Research Council (ESRC) in UK; Genome British Columbia in Canada; Health Service and Public Health Research, Chief Scientist Office in Scotland; Medical Research Council (MRC) in UK; Multiple Sclerosis Society, UK; National Health and Medical Research Council (NHMRC) in Australia; National Institutes for Health Research (NIHR) in UK; Netherlands Organisation for Scientific Research (NWO); Netherlands Organisation for Health Research and Development (ZonMw).

### Committee member

Health Improvement, Protection and Services Research Committee, Chief Scientist Office of Scottish Government Health Directorate

## Other activities

Organising and scientific committee: Joint UK Health Economists Study Group/Nordic Health Economists Study Group Meeting, August 2008

Scientific committee: Joint UK Health Economists Study Group and French Health Economics Meeting, January 2012; UK Health Economists Study Group Meeting, 2017; EuHEA Conference, 2018.

Health Economics Research Unit, External Seminar Series Organiser, 2008-2012.

Stated Preference Group, seminar organiser, 2012-2016.

Summer Internship Co-ordinator, 2014-2016.

Founding member, Scottish Stated Preference Network, 2016 – present

Member, Institute of Applied Health Science Athena Swan Self-Assessment Team, 2017 - present