

Dr Verity Watson

Health Economics Research Unit
University of Aberdeen
Polwarth Building
Foresterhill
Aberdeen, AB25 2ZD
Tel: +44(0)1224 551914
Fax: +44(0)1224 55
E-mail: v.watson@abdn.ac.uk
RePEc Short-ID: pwa331

Curriculum Vitae, May 2019**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 lead: 'Methods of Benefit Valuation', Health Economics Research Unit, University of Aberdeen, 2013 to present

Research Fellow (Grade 7), Theme lead: '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

Professional Interests

Health Economics, Non-market Valuation, Environmental Economics, Labour Economics, Experimental Economics, Poverty Measurement

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

Research Grants and Awards

“Putting men’s preferences at the centre of the doctor-patient relationship”, research grant from The Urology Foundation, since 2019. £35,800.

International Visiting Research Scholar Award (return visit) from Peter Wall Institute for Advanced Studies to visit University of British Columbia, 2018. CAN\$5,000.

Health Economics Research Unit CORE funding grant from the Chief Scientists Office of the Scottish Government Health and Social Care Directorate. 2014 – present (current funding period ends 2021). £835,000 per year.

“Pregnant women’s risk benefit trade-offs for maternity care”, research grant from NHS Highland, 2016. £15,000.

International Visiting Research Scholar Award from Peter Wall Institute for Advanced Studies to visit University of British Columbia, 2015. CAN\$10,000.

“Understanding push-pull factors in medical careers decision making”, research grant from NHS Education for Scotland, 2013. £29,000.

“Men’s preferences for treatment of Lower Urinary Tract Symptoms associated with Benign Prostatic Hyperplasia”, consultancy project from Astellas Pharma Europe, 2013. £72,000.

“National UK Ecosystems Agreement: Shared Values Work package”, research grant from Natural Environment Research Council, 2012. £161,500.

“Spending Wisely: Investigating survey mode effects in discrete choice experiment responses”, research grant from Medical Research Council, 2012. £232,000.

“Primary care delivery in Portugal”, research grant from Portuguese Department of Health, 2012. EUR20,000.

“Eye care services in Scotland: Did the Scots get it right?” research grant from Chief Scientist Office of Scottish Government, 2011. £43,000.

“Investigation of the value placed on the National Clinical Assessment Service by referrers in the NHS”, research grant from National Patient Safety Agency, 2009. £48,000.

“Men’s preferences for prostate cancer treatment”, research grant from University College London, 2009. £8,000.

“NHS priority setting”, research grant from NHS Dumfries and Galloway, 2006. £15,000.

“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. £5,000.

Economic and Social Research Council 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.

Publications

A. Health economics

Peer-reviewed publications

1. Regier, D. Sicsic, J. Watson, V. (Forthcoming) Choice certainty and deliberative thinking in discrete choice experiments. A theoretical and empirical investigation. *Journal of Economic Behavior and Organization*
2. 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](https://doi.org/10.1002/hec.3524)
3. 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](https://doi.org/10.1002/hec.3480)
4. 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 [doi:10.1002/hec.3459](https://doi.org/10.1002/hec.3459)
5. 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](https://doi.org/10.1002/hec.3354)
6. 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](https://doi.org/10.1016/j.socscimed.2015.12.037)
7. 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](https://doi.org/10.1016/j.econlet.2014.04.005)
8. 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 Socio-economics), 50, 40-49. [doi:10.1016/j.socec.2014.02.009](https://doi.org/10.1016/j.socec.2014.02.009)
9. 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](https://doi.org/10.1016/j.joep.2013.08.001)
10. 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](https://doi.org/10.1002/hec.1364)
11. 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. [doi:10.1002/hec.1369](https://doi.org/10.1002/hec.1369) (Awarded the ISPOR Research Excellence Award for Methodology)
12. 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](https://doi.org/10.1177/0272989X09341754)
13. 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](https://doi.org/10.1016/j.jhealeco.2006.10.009)
14. 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](https://doi.org/10.1586/14737167.3.6.717)

Books and book chapters

1. Ryan M. Watson V. Marshall D. Krucien N. Loría L. (In preparation) *Using discrete choice experiments to elicit preferences for health care*, Springer, Dordrecht
2. Watson V. Schulz R. Luchini S. Regier D. (Forthcoming). Monetary analysis of health outcomes. In Guerriero C. Cairns J. Chalabi Z. (Eds.) *Cost benefit Analysis of Environmental Health Interventions: A Practical Approach*, Elsevier.
3. Guerriero, C. Loría, L. Papirio, S. Ranzi, A. Watson, V. (Forthcoming). Case Study: A realistic contaminated site remediation and difference scenarios of intervention. In Guerriero C. Cairns J. Chalabi Z. (Eds.) *Cost benefit Analysis of Environmental Health Interventions: A Practical Approach*, Elsevier.
4. 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

1. Survey mode effects when eliciting public preferences for health care: A discrete choice experiment study, with T. Porteous, M. Ryan, T. Bolt. *Resubmitted*.
2. Does an oath improve demand revelation in multi-attribute choice? with S. Luchini, N. Jacquemet, J. Shogren. *Submitted*.
3. What was I thinking? Individuals' ability to self-report their decision rule in discrete choice experiments. with S. Heidenreich, E. Phimister, M. Ryan. *Submitted*.
4. How are debriefing questions used in Discrete Choice Experiments? An online survey with A. Pearce, B. Mulhearn, R. Viney.
5. Allowing for regret in stated preferences: What are the determinants of patients' cancer-related decision making? with N. Krucien and M. Ryan.
6. The impact of emotions on cancer treatment decisions with N. Krucien and H. Ahmed.
7. More Than Meets the Eye: Has the Eye Care Policy in Scotland Had Wider Health Benefits? with A. Zangelidis, H. Dickey and P. Norwood.

B. Environmental economics

Peer-reviewed publications

1. Loría, L. Watson, V. Kiso, T. Phimister, E. (2019). Investigating bus users' preferences for Low Emission Buses: Experiences from Europe's largest hydrogen bus fleet. *Journal of Choice Modelling*. [doi:10.1016/j.jocm.2019.05.001](https://doi.org/10.1016/j.jocm.2019.05.001)
2. Cerroni, S. Watson, V. Macdiarmid, J. Kalentakis, D. (2019). Value-elicitation and value-formation properties of discrete choice experiment and experimental auctions. *European Journal of Agricultural Economics* 46, 3-27 [doi:10.1093/erae/jby014](https://doi.org/10.1093/erae/jby014).
3. 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.org/10.1016/j.ecoser.2016.10.006
4. 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](https://doi.org/10.1016/j.ecoser.2016.06.006)
5. 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. Evelyn, 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](https://doi.org/10.1016/j.ecolecon.2015.01.006)
 6. 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](https://doi.org/10.1016/j.ecoser.2014.09.006)

Working papers

1. Reference dependent preferences for low emissions buses. with L. Loría, T. Kiso, E. Phimister.

Reports

1. 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.

C. Labour economics

Peer-reviewed publications

1. 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 [doi:10.1111/medu.13257](https://doi.org/10.1111/medu.13257)
2. 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](https://doi.org/10.1111/medu.12896)
3. 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](https://doi.org/10.1016/j.healthpol.2011.12.006)
4. 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](https://doi.org/10.1080/00036841003724403)
5. 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](https://doi.org/10.1111/j.1467-9485.2011.00561.x)

Working papers

1. What triggers multiple job holding? with H. Dickey and A. Zangelidis (MPRA Paper 17575, University Library of Munich, Germany: click [here](#)).

D. Poverty measurement

Peer-reviewed publications

1. Watson, V. Dibben, C. Cox, M. Atherton, I. Sutton, M. Ryan, M. (Forthcoming). Testing the expert-based weights used in the UK's Index of Multiple Deprivation (IMD) against three preference-based methods. *Social Indicators Research*. [doi:10.1007/s11205-018-02054-z](https://doi.org/10.1007/s11205-018-02054-z)

Working papers

1. Eliciting weights for the Human Development Index with a discrete choice experiment. with K. Decancq.

Reports

1. 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>)

E. Health policy

Peer-reviewed publications

1. Veiga Benesch, P. Corriera, I. Norwood, P. Watson, V. (Forthcoming). Patients' experiences and preferences for primary care delivery: A focus group analysis. *Primary Health Care Research and Development*
2. 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](https://doi.org/10.1007/s40271-017-0263-7)
3. 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](https://doi.org/10.1136/rmdopen-2017-000453)
4. 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 [doi:10.1093/rheumatology/kex071](https://doi.org/10.1093/rheumatology/kex071)
5. Porteous, T. Bond, C. Ryan, M. Watson, V. Watson, M. (2017) Patient satisfaction in a community pharmacy. *The Pharmaceutical Journal*, 298(7899), 169
6. 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 [doi:10.1136/annrheumdis-2016-209202](https://doi.org/10.1136/annrheumdis-2016-209202)

7. 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](https://doi.org/10.2147/PPA.S112161)
8. 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* [doi: 10.1093/rheumatology/kew328](https://doi.org/10.1093/rheumatology/kew328)
9. 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* [doi:10.1371/journal.pone.0152257](https://doi.org/10.1371/journal.pone.0152257)
10. 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](https://doi.org/10.3399/bjgp15X685705)
11. 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](https://doi.org/10.1016/j.whi.2013.09.005)
12. 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](https://doi.org/10.1186/ar4465)
13. 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](https://doi.org/10.1016/j.healthpol.2012.09.006)
14. 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. [doi:10.1093/pubmed/fdr102](https://doi.org/10.1093/pubmed/fdr102)
15. 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. [doi: 10.1097/OLQ.0b013e318218702c](https://doi.org/10.1097/OLQ.0b013e318218702c)
16. 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](https://doi.org/10.1136/qshc.2007.023572)
17. 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](https://doi.org/10.1111/j.1524-4733.2008.00451.x)
18. 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](https://doi.org/10.1111/j.1471-0528.2007.01516.x)
19. 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. <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1821424/>
20. 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](https://doi.org/10.1002/pd.1309)

21. 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](https://doi.org/10.1097/01.ju.0000140957.31325.7f)

Working papers

1. Is relational continuity of care as important as policy makers think? Evidence from Portugal with P. Norwood, I. Correia, S. Heidenreich, P. Veiga. *Submitted*.
2. Men's preferences for the treatment of prostate cancer, with D. Ikenwilo, N. Krucien, H. Ahmed, M. Emberton, N. McCartan. *Submitted*

Reports

1. 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.
2. 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.
3. 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).
4. Dickey, H. Ikenwilo, D. Norwood, P. Watson, V. Zangelidis, A. (2012). *Utilisation of eye care services: Examining the effect of Scotland's eye care policy*. A report for the Scottish Government Chief Scientists Office (CSO).
5. Sussex, J. Watson, V. Tetteh, E. and Ryan, M. (2010). *Investigation of the value placed in NCAS service by referrers in the NHS*. A report for the National Patient Safety Agency. (<http://www.ncas.npsa.nhs.uk/publications/>)
6. Ryan, M. and Watson, V. (2006). *Using discrete choice experiments to inform priority setting*. A Report for NHS Dumfries and Galloway.
7. Tucker, J. Farmer, J. Bryer, H. Kiger, A. van Teijlingen, E. Ryan, M. Pitchforth, E. King, K. Martin, E. Watson, V. and Reid, J. (2006). *Sustainable maternity services in remote and rural areas of Scotland: Implementation and external evaluation of maternity care models*. NHS Scotland Maternity Services Project Board.

Work in Progress

House prices and air pollution with R. Schulz and L. Loría

Business risk and general practice sustainability with R. Schulz, H. Dickey, P. Murchie and J. MacLeod

Determinants of general practice location with R Schulz, J Videau, M Antunes. A. Leckcivilize

Experimental test of decision aids and shared decision making with A. Irvine, M. van der Pol, D. Regier

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

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

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

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

Presentations

Invited seminars

2019: Department of Economics, University of Southampton.

2018: School of Population and Public Health, University of British Columbia; Network of Alberta Health Economists Rounds, University of Calgary; Technische Universität Berlin; London School of Hygiene and Tropical Medicine.

2017: 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.

2015: Department of Emergency Medicine, University of Alberta; School of Population and Public Health, University of British Columbia.

2014: 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.

2012: Herman Deleeck Centre for Social Policy, Universiteit Antwerpen; Overseas Development Initiative (ODI): Valuing Development Workshop, London; Department of Healthcare Management, Technische Universität Berlin.

2011: 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

2018: Rethinking Remote 2018, Inverness; EuHEA, Maastricht.

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.

2007: International Association of Health Economics (iHEA), Copenhagen; Annual Scottish Public Health Conference, Airth.

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

2004: 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.

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

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. Course co-ordinator, 2018 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, 2018; University of Calgary, 2004; Erasmus University Rotterdam, 2005.

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

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

Current PhD students

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

Completed PhD students

Dwayne Boyers, Measuring value within an economic evaluation framework: A case study of dental care. Summer 2012–2018

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

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

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. 2013

Jonathan Sicsic, Revealing women’s preferences for breast cancer screening using advanced stated preferences methods. 2017

Sebastian Heidenreich, Decision heuristics in choice experiment responses. 2016-2017

Luis Enrique Loría Rebolledo, Using house prices to value local air quality. 2018-2019.

Examiner

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

External PhD examiner for Department of Environmental Economics, Vrije Universiteit Amsterdam

Internal PhD examiner for Centre for Health Education Research and Innovation

External PhD examiner for Department of Economics, University of Southampton

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 Socio-economics, 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

Conference organiser: Joint UK Health Economists Study Group/Nordic Health Economists Study Group Meeting, August 2008

Scientific committee member: Joint UK Health Economists Study Group/Nordic Health Economists Study Group Meeting, August 2008; Joint UK Health Economists Study Group and French Health Economics Meeting, January 2012; UK Health Economists Study Group Meeting, 2017; EuHEA Conference, 2018; iHEA conference, 2019.

Steering group member: COLLABORATE – NIHR-funded project led by University of Liverpool 2018-present.

External seminar series organiser, Health Economics Research Unit, 2008-2012.

Internal seminar organiser, Stated Preference Group, 2012-2016.

Chair, HERU summer internship panel, 2014-2018.

Founding member, Scottish Stated Preference Network, 2016 – present

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