

Curriculum Vitae

Personal Details

Name: Professor Mandy RYAN FRSE

Department: Health Economics Research Unit
Division of Applied Health Sciences
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Present position Professor of Health Economics

Higher Education

| | |
|--------------------------|-------------------------------------------------|
| March 1991 - March 1995 | University of Aberdeen, PhD in Economics |
| October 1986 - June 1987 | University of York, MSc in Health Economics |
| Class: Distinction | |
| October 1983- June 1985 | University of Leicester, BA (Hons) in Economics |
| Class: 1 st | |

Experience

| | |
|--------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| October 2002 – present ¹ | Professor of Health Economics |
| October 1997 – September 2002 | MRC Senior Fellow and Reader ² in Health Economics Health Economics Research Unit, University of Aberdeen |
| October 1993 - September 1997 ³ | Research Fellow (Grade 2), Health Economics Research Unit, University of Aberdeen |
| October 1990 - September 1993 | Research Fellow (Grade 1A), Health Economics Research Unit, University of Aberdeen |
| November 1987 - September 1990 | Research Assistant (Grade 1B), Health Economics Research Unit, University of Aberdeen |

1. March 2004 – November 2004 – Visiting Professor, Centre for Health and Policy Studies, University of Calgary, Canada

2. Reader from 1st October 2000

3. October 1993 – February 1994 – Visiting Research Fellow, Centre for Health Economics, Research and Evaluation, University of Sydney, Australia

Professional Status

- **Member of the RAE 2008 sub-panel 7, Health Services Research**
- **Fellow of the Royal Society of Edinburgh (FRSE)**
- **RSE Personal Fellowships and Research Support Fellowships, Panel (2008-current)**
- **MRC Methodology Research Panel (2011-)**
- **Member of the international Association for Health Economists (iHEA) Executive Board, 2005-2006, 2006-2007, 2007-2008, 2008-2009 (elected by peers)**
- **Journal refereeing** – *Including:* Journal of Health Economics, Health Economics, Pharmacoeconomics, Social Science and Medicine, Value in Health, International Journal of Technology Assessment, Scottish Journal of Political Economy, British Medical Journal, Medical Decision Making, Journal of Economic Psychology, Health Expectations, British Journal of General Practice, Housing Studies, Injury Prevention, Thorax, Health Policy, Quality in Health Care, Applied Economics, Expert Review of Pharmacoeconomics and Outcomes Research, Journal of American Statistical Association.
- **Refereeing for grant awarding bodies** – *Including:* Medical Research Council (MRC), Economic and Social Research Council (ESRC); NHS R&D, Wellcome Trust, Health Services Research Committee/Health Care & Promotion Fund Committee (Hong Kong), National Health and Medical Research Council (Australia), Alberta Heritage Foundation for Medical Research (Canada).
- **Scientific Committee for Advancing the Methodology of Discrete Choice Experiments in Health Economics** – responsible for organising Workshop Series concerned with ‘Developing the Methodology of Discrete Choice Experiments in Health Economics’. Workshops organised at University of Southern Denmark (2002), University of Oxford (2003) and University of Gran Canaria (2005).
- **External examiner** - External examiner for the MSc in Health Service Management, Institute of Advanced Nursing Education, Royal College of Nurses (August 1998); Internal examiner on MSc Thesis by Research, University of Aberdeen, 1999; Faculty Opponent for Swedish PhD public examination at the University of Lund, Sweden, (January 2000); First opponent for Norwegian PhD, University of Bergen, October 2010; First opponent for Danish PhD, University of Southern Denmark, April 2012. External examiner for PhD theses, University of Newcastle, 2005; 2007; London School of Hygiene and Tropical Medicine, 2009; University of York, 2010; University of Warwick, 2010; University of West Indies, 2011.
- **Other activities** - Collaborator on European Union funded project concerned with developing the method of willingness to pay for assessment of community preferences for health care (EUROWILL), 1996-2000; Collaborator on European Union project concerned with using discrete choice experiments to value reducing acid levels in remote rural lakes (EMERGE), 2001; Advisor to Department of Environment and Transport Regions (DETR) on study concerned with the monetary value of reducing air pollution, 2001.
- **Membership of professional bodies** – Royal Economic Society (RES); Scottish Economic Society (SES); Health Economists’ Study Group (UK); International Health Economics Association (iHEA).

Teaching and supervision

Teaching

2003 – current – developed an ‘Expert Workshop in Discrete Choice Experiments’ (with Dr Verity Watson). This Workshop, which may run over 1, 2 or 3 days, was developed to both meet the increasing demand for DCEs, and ensure practitioners were conducting DCEs in a valid manner. The course was developed in 2003, and has since been run a number of times: University of Southern Denmark (1-day, January 2003); University of Aberdeen (3-day, November 2003); University of Calgary (1-day, May 2004); University of Calgary (3-day, October 2004); University of Aberdeen (3-day, February 2005); institute of Medical Technology Assessment, University of Erasmus (2-day, April 2005); University of Maastricht (2-day, November 2007), University of Aberdeen (3-day, November 2008), University of Cape Town (3-day, February 2009); University of Aberdeen (3-day, November 2010); University of Aberdeen (3-day, November 2011); University of Calgary (3-day, April 2012).

1995–current - Course Director of the *Distance Learning Course in Health Economic*, the ‘flagship’ of the HERU’s teaching programme. The first course was set up in 1979 in recognition of the fact that there was no comparable course tailored to the needs of NHS staff. It attracts students from around the UK and has also been extended to an Overseas Course. As well as co-ordinating the UK and Overseas courses, I teach at the residential seminars and update course material.

1996–current – Lecture on Discrete Choice Experiments to MSc in Health Economics, University of York.

2004 – 2007; 2011-current – Teach Economic Evaluation Module of the Scottish Graduate Programme in Economics (SGPE), University of Edinburgh. Also set and mark exam scripts.

2000–2004 – Teach Economic Evaluation module of the MSc in Public Health and Health Services Research, University of Aberdeen. Also set and mark assignments and exam scripts.

1996–1999 – Coordinated and taught the Economic Evaluation module of the BSc in Health Sciences at the University of Aberdeen. Also set and mark assignments and exam scripts.

1997–1999 - Coordinated and taught the Health Economics module of the MPH at the University of Dundee. Also set and mark assignments and exam scripts.

Supervision

Supervise numerous students carrying out research projects as part of the BSc in Health Sciences at the University of Aberdeen, MSc in Health Services and Public Health Research at the University of Aberdeen, MSc in Health Economics at the University of York, and MA in Economics at the University of Aberdeen.

I currently supervise 2 PhD students and I am advisor to 1 student.

1. Jasper Kenter - Implementing the Ecosystems Approach through Linking Deliberative Monetary Valuation and Participatory Systems Modelling (University of Aberdeen, supervisor).
2. Rodolfo Hernandez - Developing the methodology for economic evaluation of complex interventions in chronic disease: the case of screening for primary open angle glaucoma. (University of Aberdeen, supervisor).
3. Amarech Obse - Health Insurance Demand Analysis amongst Formal Sector Employees in Ethiopia: A Discrete Choice Experiment (University of Addis Ababa (Ethiopia) and Trinity College Dublin, supervisor)
4. Ewan Gray – Time preferences for future health events (University of Aberdeen, advisor).

11 PhD students have successfully defended under my direct supervision:

1. San Miguel F. Testing the assumptions of completeness, stability and rationality of preferences in health economics using discrete choice experiments. Awarded 2001, University of Aberdeen.
2. Hundley V. Determining success in the provision of maternity care. Awarded 2001, University of Aberdeen.
3. McIntosh E. Using Discrete Choice Experiments within Economic Evaluations Awarded 2003, University of Aberdeen.
4. Jareinpituk S. Developing willingness to pay and a prepayment oral care plan: an application to pre-school children in Thailand. Awarded 2003, University College London.
5. Gerard K. Economic aspects of consumer involvement in health care benefit assessment. Awarded 2005, University of Southampton.
6. Amaya-Amaya M. Complexity and non-compensatory behaviour: An empirical investigation in health economics using choice experiments. Awarded April 2005, University of Aberdeen.
7. Porteous T. How do people choose between self-care, supported self-care and GP consultations in minor illness? Awarded 2007, University of Aberdeen.
8. Michela Tinelli Developing and applying Discrete Choice Experiments (DCEs) to inform pharmacy policy. Awarded 2008, University of Aberdeen.
9. Dean Regier Bayesian approaches to discrete choice experiments within a cost benefit framework: an application to genetic testing. Awarded 2008, University of Aberdeen
10. Emmanouil Mentzakis, Economic issues of informal care: valuation and determinants. Awarded 2008, University of Aberdeen.
11. Graham Scotland, Valuing outcomes in economic evaluations of maternal and reproductive health care interventions, Defended December 2011, University of Aberdeen.

I currently mentor 1 ESRC/MRC Training Fellowship, 1 RCUK Fellowship and 1 NIHR Career Development Fellowship:

1. Dr Michela Tinelli - Development and application of discrete choice experiments to pharmacy policy (University of Aberdeen, December 2008 start; 4 years part-time).
2. Rodolfo Hernandez - Modelling in Health Technology Assessment and Health Care Evaluation (University of Aberdeen, September 2008 start; 5 years).
3. Dr Karen Gerard - National Institute of Health Research (NIHR) Career Development Fellow, University of Southampton.

6. Grant income

| Grant Holders | Title of project | Funding Body | Amount | Dates |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|----------|--------------------------------|
| Ludbrook, Ryan | Economic evaluation of the provision of local clinics for wheelchair and artificial limb users. | Ayrshire and Arran Health Board, Scotland | £18,298 | January 1992 – October 1992 |
| Cairns, Donaldson, Ryan | Evaluation of the intangible benefits of flood defence schemes | Ministry of Agriculture, Fisheries and Food | £9,825 | May 1994- July 1994 |
| Ryan | The development and application of conjoint analysis in health economics. | MRC | £515,726 | October 1997 – September 2002. |
| Netten, Ryan, Wykes, Challis, Knapp | Developing a measure of outcome of social care for the elderly. | Department of Health | £219,217 | October 1997 – October 2000. |
| Ryan, van Teijlingen, Russell, Napper | What is the value of public participation (public preference exercises) in priority setting? | NHS Executive R & D programme | £62,556 | May 1998 – October 1999. |
| Caldow, Bond, Ryan, Campbell, Kiger | Treatment of Minor Illness in Primary Care: A National study of Patient Attitudes to a Wider Nursing Role. | CSO, Scottish Office Health Services Research Committee | £53,827 | April 1998- April 2000. |
| Graham, Hall, Penney, Ryan | Improving the quality of obstetric care through clinical audit: a collaborative field trial in Ghana and Jamaica | Overseas Development Agency (ODA) | £5,800 | March 1998 – August 2000. |
| Wilson, Ryan, Haïtes | Assessing user preferences for, and costs of, genetic counselling for familial cancer risk in Scotland: a study using conjoint analysis. | CSO, Scottish Office Health Services Research Committee | £34,077 | March 1999 – March 2000. |

| Grant Holders | Title of project | Funding Body | Amount | Dates |
|-------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|---------------|-------------------------------|
| Graham, Campbell, Penney, Ryan, Hall | Assessing the impact of trends in maternal age on maternity services in Scotland. | CSO, Scottish Office Health Services Research Committee | £44,034 | April 1998- April 2000. |
| O'Dwyer, Molloy, Norrie, Walker, Vallance, Shaw, Ryan | Consultant led or open access large bowel investigation – a randomised controlled trial. | CSO, Scottish Office Health Services Research Committee | £73,129 | May 1999 – April 2002. |
| Matheson, Bond, van Teijlingen, Ryan | An exploration of the factors influencing Scottish GPs' treatment decisions using discrete choice conjoint analysis. | CSO, Scottish Office Health Services Research Committee | £46,605 | September 1999- October 2000. |
| Major, Ryan, Hurst, Forbes, Lambert, | The use of conjoint analysis to value a reduced waiting time for non-urgent out-patient appointments in rheumatology. | CSO, Scottish Office Health Services Research Committee | £9,967 | November 1999-March 2000. |
| Ryan | The development and application of conjoint analysis in health economics (2) | MRC | £12,800 | January 2000 – October 2002 |
| Ryan, Schulpher, McIntosh, O'Dwyer, Grant | Using discrete choice conjoint analysis to estimate patient preferences for alternative forms of hernia repair | CSO, Scottish Office Health Services Research Committee | £18,480 | March 2001 – March 2002 |
| Ryan | Using discrete choice experiments to assess the value of alternative electronic prescribing systems | Department of General Practice, University of Aberdeen | £2,000 | July 2000 – December 2000 |
| Ryan | Using discrete choice experiments to estimate the benefits from complete symptom relief of Gastroesophageal Reflux Disease | MEDTAP International, USA | £13,500 | January 1999 – December 2000 |

| Grant Holders | Title of project | Funding Body | Amount | Dates |
|---------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------|---------------|-------------------------------|
| Ryan | Using discrete choice experiments to develop an outcome measure for the elderly (2). | PSSRU, University of Kent | £7,360 | January 2000 – December 2000 |
| Ryan | Using conjoint analysis to set priorities | Grampian University Hospital trust | £884 | March 2000 – April 2000 |
| Ryan, Cairns | Using Willingness to Pay to explore the demand for dental health plans | Eastman Dental Institute, University of London | £10,000 | October 2000 – December 2001 |
| Brown, Bowling, Ryan, Netten, Knapp, Lewis, Coast, Bond | Effective and cost-effective care for older people | Medical Research Council | £217,352 | October 2001 – September 2004 |
| Ryan, Farrar | Developing a framework for priority setting | Grampian Health Board | £2,000 | May 2001 – April 2002 |
| Ryan | Developing discrete choice experiments for valuing benefits | CSO PhD Studentship, Scottish Office Health Services Research Committee | £44,300 | October 2001 – September 2004 |
| Ryan | Patient's willingness to pay for Gonadotrophin products in IVF | Organon Laboratories | £3,663 | January 2001 – June 2001 |
| Ryan | Valuing infertility treatments | MEDTAP International, USA | £8,300 | October 2001 – January 2002 |
| Ryan | Valuing alternative treatments for genital herpes | GlaxoSmithKline | £13,300 | January 2002 – July 2002 |
| Ryan | Valuing alternative treatments for BPH | GlaxoSmithKline | £20,800 | March 2002 – September 2002 |

| Grant Holders | Title of project | Funding Body | Amount | Dates |
|-----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|---------------|-------------------------------|
| Ryan | Special Health Economics Award | Health Foundation | £250,000 | October - 2002-September 2007 |
| Ryan | Willingness to pay for an air ambulance service | Department of Health | £8,000 | January 2002 – November 2002 |
| Ryan | Willingness to pay for a QALY | National Institute for Clinical Excellence | £1,200 | December 2002 – January 2003 |
| Ryan | Valuing alternative treatments for BPH | GlaxoSmithKline | £3,000 | May 2003 |
| Elliot, Ryan | Combining revealed preference and stated preference data sets to improve the external validity of benefit assessment measures in health care | CSO PhD Studentship, Scottish Office Health Services Research Committee | £44,880 | October 2003 – September 2007 |
| Porteous, Bond, Hannaford, Ryan | Managing major illness: how do patients choose between self care, pharmacist advice and GP | CSO Training Fellowship, Health Services Research Committee | £48,310 | October 2003-September 2005 |
| Ryan | A review of the monetary value of reducing waiting time | Department of Health, UK | £2,963 | February 2004 – April 2004 |
| Burr, Ryan | The development of a glaucoma outcome index | Ross foundation, UK | £15,000 | March 2004 – June 2005 |
| Tucker, Farmer, Bryers, Kiger, Van Teijlingen, Ryan, Pitchforth | Sustainable Maternity Service Provision in Remote and Rural Areas of Scotland | RARARI, CSO | £107,876 | January 2004 – March 05 |

| Grant Holders | Title of project | Funding Body | Amount | Dates |
|-------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|---------------|-------------------------------|
| Donaldson, Loomes, Ryan | What is the value to society of a QALY? | NCCRM and NICE, UK | £424,832 | October 2005-March 2007 |
| McNamee and Ryan | Valuation of informal care: comparison, development and application of methods | MRC Capacity Building Studentship | £13,155 | October 2005 – September 2008 |
| Campbell, McLeod, Weller, Mitchell, Worth Johnson, Ryan | Establishing the potential for primary care to tackle social inequalities in established colorectal cancer | Cancer Research UK | £534,595 | October 2005-September 2008 |
| Ryan, Watson | Using discrete choice experiments for priority setting | NHS Dumfries & Galloway | £16,000 | May 2006–September 2006 |
| Ryan | Investigating the impact of changing the weight that underpin the index of multiple deprivation 2004 | Department for Communities & Local Government | £14,084 | July 2006 – November 2006 |
| Blair, Elliott, Ryan | Development study for a complex intervention for chronic low back pain in NHS Primary care | Chief Scientist Office, Scottish Executive | £89,846 | October 2004 – September 2008 |
| Vale, Mavromaros, Aucott, Avenell, Douglas, Goode, Ryan, van Teijlingen | An Economic Evaluation of Obesity Prevention for UK adults | MRC | £495,656 | July 2006 – June 2009 |
| Elliott | Common Symptoms in the community: understanding the public's responses to inform the development of interventions | Wellcome Trust | £328,847 | April 2006 – March 2009 |

| Grant Holders | Title of project | Funding Body | Amount | Dates |
|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|---------------------|---------------|----------------------------------|
| Burr, Kink, Vernon, Garaway-Heath, Deeks, Azuro-Blanco, Wormald, Hernandez, Crabb, Perera, Cook, Vale, Kotecha, Ryan, Glasziou | Surveillance regimes for individuals with ocular Hypertension (OHT) | HTA | £388,660 | October 2008 – May 2011 |
| Ryan, Entwistle, Francis, Fraser | What health care experiences matters to patients and how can we assign value to them for policy making purposes | MRC | £237,671 | March 2009 – February 2011 |
| Matheson, C. Jaffray, M. Bond C. Liddell D and Ryan M. | Attitudes, knowledge and experience of the general public towards drug misuse and drug treatment strategies. | CSO | £45,861 | September 2010 – May 2011 |
| Watson V. Ryan M. Porteous T. | Spending wisely: Investigating survey mode effects in discrete choice experiment responses | MRC | £238,000 | February 2012 – July 2014. |

Publications

Books

Ryan, M., Gerard, K. and Amaya-Amaya M. Using discrete choice to value health and health care. Springer, 2008.

Chapters in books

Ryan, M., Gerard, K. and Currie, G. Using Discrete Choice Experiments in Health Economics. In: The Elgar Companion to Health Economics. Jones, A.M. (ed). Edward Elgar. 2012.

Ryan, M., Gerard, K. and Currie, G. Using Discrete Choice Experiments in Health Economics. In: The Elgar Companion to Health Economics. Jones, A.M. (ed). Edward Elgar. 2006.

Ryan M. and Gerard K. Discrete Choice Experiments. Chapter in: Assessing quality of life in clinical trials. Edited by Fayers P. and Hays R. Oxford University Press, 2005.

Ryan M. and Gerard K. Using discrete choice experiments in health economics: Moving forward. Chapter in Advances in Health Economics, Edited by in Scott A., Maynard A., Elliott R. Wiley: Chichester, 2002.

Ryan M. Farrar S. and Reeves C. Using conjoint analysis studies when eliciting preferences in health care. Chapter in Getting Health Economics into Practice. Edited by David Kernick, Radcliffe Medical Press Ltd, OXON, 2002.

Ryan M. and McIntosh E. Economic evaluation. Chapter in 'Nursing for Public Health' Edited by Lindsay G. and Craig P (eds) Churchill Livingstone, Edinburgh, 2000.

Ryan M. The reclassification of medicines (II): economic aspects. Chapter in Evidence Based Pharmacy, Edited by Christine Bond, Pharmaceutical Press, 2000.

McIntosh E. and **Ryan M.** Economic Evaluation. In District Nursing: principles and practice. Lawton, S. Cantrell, J. and Harris J. Churchill Livingstone. 2000.

Ryan M. and Yule B. Benefits from switching drugs from prescription-only to over-the-counter availability: the UK experience. In C. Huttin and N. Bosanquet (Eds) *The Prescription Drug Market: International Perspectives and Challenges for the Future*, North Holland, Holland, 1992.

Refereed Journal Papers – Published

Tinelli M. **Ryan M.** Bond C. Scott A. Valuing benefits in pharmacy: do differences in utility measures at baseline affect effectiveness of interventions? *Pharmacoeconomics* (forthcoming).

Mentzakis E. McNamee P. **Ryan M.** and Sutton M. Valuing Informal Care: Does the measure matter? *Social Indicators Research* (forthcoming).

Watson, V., Carnon, A., **Ryan, M.**, Cox, D. Involving the public in priority setting: A case study using Discrete Choice Experiments. *Journal of Public Health* Early view, doi: 10.1093/pubmed/fdr102.

- Watson V. Sussex J. **Ryan M.** Tetteh E. Managing poorly performing clinicians: health care providers' willingness to pay for independent help. *Health Policy* Early view doi.org/10.1016/j.healthpol.2011.12.006.
- de Bekker-Grob, EW., **Ryan, M.** & Gerard, K. Discrete choice experiments in health economics: a review of the literature. *Health Economics*. 2012; 21: 145-172.
- Ryan M.** Taking conjoint analysis to task. *Value in Health* 2011; 14: 401–402.
- Yi D. **Ryan M.** Campbell S. Elliott A. Torrance N. Chambers A. Johnston M. Hannaford P. Smith B. Using Discrete Choice Experiments to inform Randomised Controlled Trials: an application to chronic back pain management *European Journal of Pain* 2011; 15(5): 531.e1-531.e10
- Entwistle V. Firnigl, D. **Ryan M.** Francis J. Kinghorn P. Which experiences of healthcare matter to service users and why? An interpretive synthesis and conceptual map. *Journal of Health Services Research and Policy* 2011 doi: 10.1258/jhsrp.2011.011029
- Mentzakis E. **Ryan M.** McNamee P. Using discrete choice experiments to value informal care tasks: exploring preference heterogeneity. *Health Economics*, 2011; 20 (8) 930–944.
- Scalone, L., Watson, V., **Ryan, M.**, Kotsopolous, N., Patel, R. Evaluation of Patients' Preferences for Genital Herpes Treatment. *Sexually Transmitted Infections* 2011, 28, 1-6.
- Lancsar, E., Wildman, J., Donaldson, C., **Ryan, M.** & Baker, R. Deriving distributional weights for QALYs through discrete choice experiments. *Journal of Health Economics*, 2011; 30(2): 466-47.
- Donaldson C, Baker R, Mason H, Jones-Lee M, Lancsar E, Wildman J, Bateman I, Loomes G, Robinson A, Sugden R, Pinto JL Prades, **Ryan M**, Shackley P and Smith R. The social value of a QALY: raising the bar or barring the raise? *BMC Health Services Research*. 2011; 11:8.
- Baker R, Bateman I, Donaldson C, Jones-Lee M, Lancsar E, Loomes G, **Ryan M et al.** Weighting and valuing quality-adjusted life-years using stated preference methods: preliminary results from the Social Value of a QALY project. *Health Technology Assess* 2010; 14 (27).
- Eberth B. Watson V. **Ryan M.** Hughes J. and Barnett G. Does One Size Fit All? Investigating Heterogeneity in Men's Preferences for Benign Prostatic Hyperplasia Treatment Using Mixed Logit Analysis *Medical Decision Making*. 2009; vol. 29, 6: pp. 707-715
- Regier, D.A., Friedman, J.M., Makela, N., **Ryan, M.** and Marra, C.A. Valuing the benefit of diagnostic testing for genetic causes of idiopathic developmental disability: Willingness to pay from families of affected children. *Clinical Genetics*, 2009; 75(6): 514-521.
- Watson V. **Ryan M.** and Watson E. Valuing experience factors in the provision of screening: an application to women attending the family planning clinic *Value in Health*. 2009; 12(4): 621-623.
- Mentzakis E. McNamee P. and **Ryan M.** Who cares and how much: exploring the determinants of co-residential informal care *Review of Economics of the Household*. 2009; 7(3):283-303.
- Regier D. **Ryan M.** Phimister E. Marra C. Bayesian and classical estimation of mixed logit: an application to genetic testing *Journal of Health Economics*. 2009; 28(3):598-610.
- Tinelli M. **Ryan M.** and Bond C. Patients' preferences for an increased role in the management of drug therapy. *International Journal of Pharmacy Practice*. 2009; 17(5):275-282.
- Ryan M.** Watson V. and Entwistle V. Rationalising the 'irrational': A think aloud study of discrete choice experiment responses. *Health Economics*. 2009; 18: 321-336.
- Ryan M.** Watson V. Comparing welfare estimates from payment card contingent valuation and discrete choice experiments *Health Economics*. 2009; 18 389-401.

- 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.** . 'Choice' and place of delivery: A qualitative study of women in remote and rural Scotland, *Quality and Safety in Healthcare*. 2009; 18 42-48.
- Pitchforth E, Watson V, Tucker J, **Ryan M.**, van Teijlingen E, Farmer J, Ireland J, Martin E, Kiger A, Bryers, H. Models of intrapartum care and women's trade-offs in remote and rural Scotland: A mixed-methods study. *British Journal of Obstetrics and Gynaecology* 2008; 1-10.
- Burr J. Kilonzo M Vale L and **Ryan M.** Developing a Preference Based Glaucoma Utility Index using a Discrete Choice Experiment. *Optometry and Vision Science*. 2007;84:797-808.
- Watson V and **Ryan M.** Exploring anomalies in double bounded contingent valuation. *Journal of Health Economics*, 2007 26(3): 463-482.
- Caldow J. Bond C. **Ryan M.** Campbell N San Miguel F Kiger A and Lee A. Treatment of minor illness in primary care: a national study of patient satisfaction, attitudes and preferences regarding a wider nursing role. *Health Expectations*, 2007;10:30-45.
- Porteous, T., **Ryan, M.**, Bond, C. and Hannaford, P. Preferences for self-care or consulting a health professional in minor illness: a discrete choice experiment. *British Journal of General Practice*, 2006;56: 911-917.
- Wordsworth, S., **Ryan, M.**, Skåtun, D. and Waugh, N. Women's preferences for cervical cancer screening: a study using a discrete choice experiment. *International Journal of Technology Assessment*, 2006; 22:344-350.
- Ryan, M.**, Netten, A., Skåtun, D. and Smith, P. Using discrete choice experiments to estimate a preference-based measure of outcome - an application to social care for older people. *Journal of Health Economics*, 2006;5:927-944.
- Ryan M.** Watson V. Counting the cost of fast access: using discrete choice experiments to elicit preferences in general practice. *British Journal of General Practice*, 2006; 4-5.
- Tinelli, M., **Ryan, M.** and Bond C. A patient-centered approach to policy development: a pharmacy-led medicines management service. *International Journal of Pharmacy Practice*, 2006; 14:71-72.
- Tinelli, M., **Ryan, M.** and Bond C. Discrete choice experiments to value increased roles for the pharmacist in the management of drug therapy. *International Journal of Pharmacy Practice*, 2006;14:12-13.
- Bateman, I., Cooper, P., Georgiou, S., Navrud, S., Poe, G., Ready, R., Riera, P, **Ryan, M.** and Vossier, C. Economic valuation of policies for reducing acidity in remote mountain lakes. *Aquatic Sciences* 2005 67:3:274-291. September 2005.
- Ryan, M.** Diack, J., Watson V. and Smith N. Rapid prenatal diagnostic testing for Down syndrome only or longer wait for full karyotype: the views of pregnant women. *Prenatal Diagnosis* 25: 1206-1211.
- Ryan M.** Major K. and Skåtun D. Using discrete patient choices to go beyond clinical outcomes when evaluating clinical practice. *Journal of Evaluation in Clinical Practice*. 2005; 11: 328-339.
- Ryan M.** Amaya-Amaya M. 'Threats' to and hope for estimating benefits. *Health Economics* 2005;14: 609-619.
- San Miguel, F, **Ryan M** Amaya. M. "Irrational" stated preferences: A quantitative and qualitative investigation. *Health Economics*, 2005; 14:307-322.
- Watson V. **Ryan M.** Barnett G. Ellis B. Emberton M. and Brown C. Eliciting preferences for drug treatment of lower urinary tract symptoms associated with benign prostatic hyperplasia. *Journal of Urology* 2004; 172:2321-2325.
- Roux L. Ubach C. Donaldson C. **Ryan M.** Valuing the benefits of weight loss programs: participants' views: An application of the discrete choice experiment. *Obesity Research* 2004; 12:1342-1351.
- Ryan M.** Deriving welfare measures in discrete choice experiments: A comment to Lanscar and

- Savage (1). *Health Economic Letters* 2004; 8: 10-13.
- Hundley V. and **Ryan M.** Are women's expectations and preferences for intrapartum care affected by the model of care on offer? *British Journal of Obstetrics and Gynaecology*. 2004 111:550-560.
- Ryan M.** Discrete choice experiments in health care. *British Medical Journal* 2004; 328:60-61.
- Ryan M.** A comparison of stated preference methods for estimating monetary values. *Health Economics* 2004;13:291-296.
- Ryan M.** and Skåtun D. Modelling non-demanders in discrete choice experiments. *Health Economics* 2004;13:397-402.
- Ryan M.** Scott D. and Donaldson C. Valuing health care using willingness to pay: a comparison of the payment card and dichotomous choice methods. *Journal of Health Economics* 2004; 23:237-258.
- Hundley V. and **Ryan M.** Willingness to Pay and Discrete Choice Experiments: alternatives to satisfaction surveys. *Evidence Based Midwifery* 2003; 1:32-35.
- Ryan M.** Watson V. and Amaya-Amaya- M. Methodological issues in the monetary valuation of benefits in health care. *Expert Review Pharmacoeconomics Outcomes Research* 2003; 3:717-727.
- Salkeld G. Solomon M. Short L. **Ryan M** Ward J. Evidence-based consumer choice: a case study in colorectal cancer screening. *Australian and New Zealand Journal of Public Health*. 2003; 27: 449-55
- van der Pol M. **Ryan M.** and Donaldson C. Valuing food safety improvements: an experiment in the north-east of Scotland. *Applied Health Economics and Policy Analysis* 2003;2:99-107
- Ryan M.** and Ubach C. Testing for an experience endowment effect within choice experiments *Applied Economic Letters*. 2003;10:407-410.
- Ryan M.** Miedzybrodzka Z. Fraser L. and Hall M. Genetic information but not termination: Pregnant women's attitudes and willingness to pay for carrier screening for deafness genes. *Journal of Medical Genetics*. 2003;40:e80.
- Ryan M.** and San Miguel F. Revisiting the axiom of completeness in health care. *Health Economics*, 2003; 12:295-308.
- Hanley, N. **Ryan M.** and Wright R. Estimating the monetary value of health care: lessons from environmental economics. *Health Economics* 2003;12:3-16
- Matheson C. Pitcairn J. Bond C. van Teijlingen E and **Ryan M.** The nature and level of general practice services for illicit drug users in Scotland: A national survey. *Addiction* 2003;98:119-126
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Conference Papers/presentations/seminars/posters

- Ryan M. Discrete Choice Experiments in health economics: an application to lifestyle interventions. Seminar, Community Health Sciences, Centre of Health Economics research, University of Southern Denmark, April 2012.
- Ryan M. Discrete Choice Experiments in health economics: an application to lifestyle interventions. **Seminar**, Community Health Sciences, University of Calgary, April 2012.
- Ryan M. Using Discrete Choice Experiments to Inform Health Services Research: an application to Health Worker Choices in Rural Liberia. Seminar, Centre for Clinical Epidemiology and Evaluation, University British Columbia, Canada, March 2012.
- Ryan M. Using Discrete Choice Experiments to understand preferences for lifestyle interventions: should we pay people to live well? Invited Plenary presentation. British Psychological

- Society, Division of Health Psychology Annual Conference, University of Glasgow, February 2012.
- Ryan M. Valuing Patient Experiences: Do we have methods fit for purpose? Invited presentation, to Better Together Programme, Scottish Government, February 2012.
- Matheson C. Jaffray M. **Ryan M.** Liddell D, Bond C. and Fraser K. Attitudes, knowledge and experience of the general public towards drug misuse and drug treatment strategies. Society for the Study of Addiction, York, November 2011.
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- Ryan M.** Discrete Choice Experiments in Health Economics: Where are we and where should we go? Invited presentation at the Design of Experiments in HealthCare Workshop, Isaac Newton Institute for Mathematical Sciences, Cambridge University, August, 2011.
- Alfano M. Vujicic M. **Ryan M** Formulating Effective Policies for Health Worker Recruitment to Rural Areas: A Joint Estimation of Preferences, Costs, Motivation and Attitudes. International Health Economic Association Conference, Toronto, July 2011.
- Honda A. McIntyre D. **Ryan M.** Discrete Choice Experiments for eliciting public preferences for health system changes in South Africa. International Health Economic Association Conference, Toronto, July 2011.
- Vujicic M. **Ryan M** Alfano M. The Effect of Forced Choice on Choice: an Application to Nurse Location Decisions in Liberia. International Choice Modelling Conference, University of Leeds, July 2011.
- Rennie L. Porteous T, **Ryan M.** Preferences for managing different types of symptoms – self-care or health professional advice? Health Services and Pharmacy Practice Research Conference, Norwich, May 2011.
- Tinelli, M., **Ryan, M.** and Bond, C. Going beyond QALYs in randomised controlled trials: an application to pharmacy. *NIHR/MRC Methodology Workshop.* London, February 2011.
- Ryan, M.**, Kinghorn, P., Entwistle, V., Francis, J., Firnigl, D. The Patient experience: What is it and how can we value it? Health Economists' Study Group. York, January 2011.
- Ryan M.** Yi D. Avenell A. Douglas, F. Aucott, L. van Teijlingen E. Vale, L. Understanding preferences for lifestyle interventions to reduce obesity: should we pay people to live well? Presented at UK Society for behavioural Medicine 6th Annual Scientific Meeting, University of Leeds, December 2010.
- Tinelli M and **Ryan M.** Going beyond quality Adjusted Life years (QALYs) in Economic Evaluation: an application to pharmacy. Presented at The Third Conjoint Analysis in Health Conference, Newport Beach, October 2010.
- Regier D. And **Ryan M.** Experimental conjoint choice designs for the mixed logit model. Presented at The Third Conjoint Analysis in Health Conference, Newport Beach, October 2010.
- Ryan M.** How is conjoint being applied in health? Invited presentation at The Third Conjoint Analysis in Health Conference, Newport Beach, October 2010.
- Ryan M.** Valuing the patient experience in HTAs (and healthcare delivery assessments): going beyond QALYs. Invited presentation at the EURODIS Summer School, Barcelona, September 2010.

- Ryan M.** Using Discrete Choice Experiments to value non-marketed commodities: an application to health. Invited presentation, Economics Department, University of Bergen, September 2010.
- Tinelli, M., **Ryan, M.**, and Bond, C. Discrete choice experiments (DCEs) to inform pharmacy policy: going beyond Quality Adjusted Life Years (QALYs). *Health Services Research & Pharmacy Practice Conference*. Manchester, April 2010.
- Ryan M.** Using Discrete Choice Experiments to value non-marketed commodities: an application to health. Invited Presentation, Macaulay Research Institute, April 2010.
- Ryan M.** Why QALYs are not enough in Economic Evaluations. Presented to Population Health Seminar Series, Department of Population Health, University of Aberdeen, March 2010.
- Ryan M.** Measuring preferences in economic evaluations: going beyond QALYs. Invited seminar Department of Economics, University of Dundee, February 2010.
- Ryan M.** Measuring preferences in economic evaluations: going beyond QALYs. Invited seminar Health and Policy Care Unit, London School of Economics, January 2010.
- Ryan M.** Values missed by HTA – an Alternative Approach, Invited Presentation, Drug Information Association Health Technology Assessment Forum, Hotel Marriott Rive Gauche Hotel, Paris, November 2009.
- Ryan M.** Measuring utility within Pharmacy. Invited presentation, ESRC Funded Seminar Series, University of Aberdeen October 2009
- Ryan M.** Measuring values in HTA: Going beyond QALYs. Invited presentation at Health Technology - burden or benefit in an economic crisis? Forum, 12th European Health Forum Gastein (EHFG), Bad Hofgastein, September 2009
- Ryan, M.** Valuing the Patient Experience in health care: going beyond QALYs and using Discrete Choice Experiments. Keynote presentation, 2nd Conference on Conjoint Analysis in Health Care, Delray Beach, Florida, March 2009.
- Ryan M.** Using discrete choice experiments in Health Economics: the importance of going beyond the QALY. Invited presentation to Workshop on Prioritization in the German Health Care System, Frankfurt School of Business and Management, Frankfurt, September 2008.
- Mentzakis, E. McNamee P. Ryan M. and Sutton M.** Valuing care experience using the compensating income variation method: a comparison of life satisfaction with health status. Presented to Health Economic Study Group Conference, London, July 2009.
- Mentzakis, E. Ryan M. and McNamee P.** Valuing Informal Care Using Contingent Valuation Methods. Presented to European Health Economic Conference, Rome, July 2008.
- Scotland G. McNamee P. Ryan M.** Should we be concerned about learning and fatigue effects in discrete choice experiments? Presented to European Health Economic Conference, Rome, July 2008.
- Ryan M.** Using Discrete Choice Experiments to Elicit Preferences in Public Health Research: An application to Obesity. Invited presentation at launch of the Centre of Excellence in Public Health (Northern Ireland), Queens University, Belfast, June 2008.
- Pitchforth E. Watson V. Kiger A. Ireland J. Farmer J. Thomson E. Tucker J. Bryers H. Rennie A. Gibb S. King K. **Ryan M.** **van Teijlingen E.** Place of delivery & choice: A qualitative study of rural maternity care in North of Scotland. Presented at International Congress of Midwifery (ICM), Glasgow, June 2008.
- Watson V. Sutton M. Ryan M. Dibben C.** Deriving the weights for the Index of Multiple Deprivation based on societal preferences: The application of a discrete choice experiment. Presented at Weighting in Multidimensional Poverty Measures Workshop, Oxford, May 2008.
- Watson V. Carnon A. Ryan M. Cox F.** Involving the public in priority setting: A case study in NHS Dumfries and Galloway. Presented at the Annual Scottish Public Health Conference, Airth Castle, November 2007.

- Regier DA, Ryan M, Marra CA. The development of an incremental willingness to pay curve derived from a discrete choice experiment. Paper to be presented at the ISPOR 10th Annual European Conference, Dublin, Ireland, October 20-23, 2007.
- Ryan M.** Using DCEs to estimate utility weights within the framework of QALYs. Invited presentation at Workshop on ‘The Analysis of Discrete Choice Experiments’ Centre for Bayesian Statistics in Health Economics, University of Sheffield, September 2007.
- Kilonzo M, Ryan M, Vale L. and Burr J. Discrete choice experiments and best worst scaling: compliments or substitutes? Paper presented at the Health Economists’ Study Group (HESG), Brunel University, London, UK, September 5-7, 2007.
- Regier DA, Phimister E, **Ryan M.** Hierarchical Bayes of Mixed Logit: an application to genetic testing. Paper presented at the Health Economists’ Study Group (HESG), Brunel University, London, UK, September 5-7, 2007.
- Mentzakis, E., McNamee, P., Sutton, M. and **Ryan, M.** Valuing informal care using compensating income variation. *International Health Economics Association 6th World Congress* Copenhagen, Denmark, July 2007.
- Regier DA, Marra CA, Phimister E, Ryan M. Heterogeneous designs for discrete choice experiments using prior beliefs. *International Health Economics Association 6th World Congress* Copenhagen, Denmark, July 2007.
- Regier DA, Marra CA, Phimister E, **Ryan M.** Accounting for preference heterogeneity in discrete choice experiments using hierarchical Bayes. *International Health Economics Association 6th World Congress* Copenhagen, Denmark, July 2007.
- Tinelli M, Ryan M, Odejar M. Alternative approaches to deriving welfare estimates in Discrete Choice Experiments. *International Health Economics Association 6th World Congress* Copenhagen, Denmark, July 2007.
- Robinson A, Baker R, Bateman I, Donaldson C, Loomes G et al Do members of the public wish to give more weight to some QALYs than others? Results of a population based study in the UK *International Health Economics Association 6th World Congress* Copenhagen, Denmark, July 2007.
- Ryan M**, Jareinpituk S. And Cairns J. Testing the External Validity of Contingent Valuation: a Field Experiment comparing hypothetical and real payments. *International Health Economics Association 6th World Congress* Copenhagen, Denmark, July 2007.
- Ryan M.** Using discrete choice experiments in health economics. Invited presentation at Forum for Medical Decision-Making, Erasmus University, Rotterdam, June 2007.
- Ryan M.** Out of the margin: an economist’s perspective on valuing women’s health interventions. Invited presentation at seminar ‘Measurement Matters: Evaluating Women’s Health. University of Aberdeen, May 2007.
- Tinelli M, Ryan M, Bond C. Economic evaluation advancement in pharmacy: Discrete choice experiments. Health Services Research & Pharmacy Practice Conference, Keele, UK, April 2007.
- Ryan M.** Analysis Issues in Discrete Choice Experiments with multiple options. Invited presentation to Welsh Health Economic Study Group. University of Cardiff, April 2007.
- Ryan M.** Discrete Choice Experiments: what are they and what can they do for the Institute? Invited presentation to Institute for Social and Economic Research, University of Melbourne, March 2007.
- Ryan M.** Using Discrete Choice Experiments in Primary Care. Invited presentation to Primary Care Research Unit, University of Melbourne, March 2007.
- Tinelli, M., **Ryan, M.** and Bond, C. A patient-centred approach to policy development: a pharmacy-led medicines management service. Oral presentation to the British Pharmaceutical Conference, Manchester, September 2006.
- Tinelli, M. and **Ryan, M.** Alternative approaches to deriving welfare estimates in Discrete Choice Experiments. Paper presented at Health Economists Study Group, York, July 2006.

- Tinelli, M., **Ryan, M.** and Bond, C. Discrete choice experiments to value increased roles for the pharmacist in the management of drug therapy. International Pharmacy Practice Workshop, Oxford, July 2006.
- Porteous T. **Ryan, M.** Factors influencing the choice between self-care and health professional advice in minor illness: a discrete choice experiment. Oral presentation at the Social Dimensions of Health Institute Conference, University of Dundee, May 2006
- Porteous T. **Ryan, M.** Factors influencing the choice between self-care and health professional advice in minor illness: a discrete choice experiment. Oral presentation at the Health Sciences Research and Pharmacy Practice Conference, University of Bath, April 2006.
- Tinelli, M., **Ryan, M.** and Bond, C. Patient preferences for increasing the role of the pharmacist in the management of drug therapy. Oral presentation to the Health Services Research & Pharmacy Practice Conference, Bath, April 2006.
- Baker, R., Donaldson, C. and the Social Value of a QALY (SVQ) Research Team (**Ryan, M.** a member). The social value of a QALY. Seminar presented to the National Institute for Health and Clinical Excellence, London, January 2006.
- Ryan M.** Watson V. Pitchforth E. Tucker J. Using discrete choice experiments to elicit trade-offs between type of care and travel time in the provision of maternity care in remote and rural Scotland. Presented at the Annual Scottish Public Health Conference: Improving Health in Scotland: Overcoming the Challenges of Geography, November 2005.
- Ryan M.** Valuing what citizens want from public services using discrete choice experiments. Invited presentation at one-day conference organised jointly by Royal Statistical Society and National Institute for Economic and Social Research: 'Measuring government outputs and productivity', London, November 2005.
- Ryan M.** Using Discrete Choice Experiments to Elicit Patient and Societal Values. Invited Plenary presented at the International Society for Pharmacoeconomics and Outcomes Research (ISPOR) 8th Annual European Conference, Florence, November 2005.
- Scalone, L. Watson V. Ryan M. Patel R. Kotsopoulos N. Evaluation of Patients' Preferences in Genital Herpes Treatment Poster presented at the 12th Annual Meeting of the International Herpes Management Forum, Lisbon, October 2005.
- Ryan, M.**, Sanchez E. and San Miguel, F. Using discrete choice experiments to develop prioritisation scoring systems. Presented at iHEA July 2005.
- Currie G., Kromm S., **Ryan, M.** and van der Pol, M. Using a discrete choice experiment to estimating the public willingness-to-wait for elective surgery. Presented at iHEA July 2005.
- Gerard, K. and **Ryan, M.** Selecting perspective for preference elicitation at resource allocation level: an empirical investigation using a choice experiment. Presented at iHEA July 2005.
- Ryan, M.**, Kromm S. and Mitton C. Into the margin: using discrete choice experiments to develop the PBMA framework. Presented at iHEA July 2005.
- Jareinpituk, S., **Ryan, M.** and Cairns J. Testing for range bias and mid point bias when using payment card to elicit willingness to pay. Presented at iHEA July 2005.
- Tinelli, M., **Ryan, M.** and Odejar, M. Deriving welfare estimates in Discrete Choice Experiments with multiple choice options. Presented at iHEA, July 2005.
- Watson, V. and **Ryan, M.** Testing the validity of discrete choice experiments. Presented at iHEA, July 2005.
- Watson, V. and **Ryan, M.** Testing for inconsistencies in iterative contingent valuation formats. Presented at iHEA July 2005.
- Ryan, M.**, Tinelli, M. and Odejar, M.. Comparing alternative approaches to designing Discrete Choice Experiments. Presented at the 3rd Workshop: Advancing the Methodology of Discrete Choice Experiments in Health Economics July 2005.

- Tinelli, M., Ryan, M. and Odejar, M. Deriving welfare estimates in Discrete Choice Experiments with multiple choice options. Presented at the 3rd Workshop: Advancing the Methodology of Discrete Choice Experiments in Health Economics July 2005.
- Tinelli, M., Ryan, M. and Odejar, M. Deriving welfare estimates in Discrete Choice Experiments with multiple choice options. Presented at the Health Economics Study Group, Newcastle, June 2005.
- Ryan M.** Out of the Margin: an economist's perspective on evaluating women's health intervention. Invited presentation at A symposium on women's health: measurement matters. University of Aberdeen, May 2005.
- Ryan M.** Using Discrete Choice Experiments to address Remote and Rural Issues: an application of elective surgery of the Isle of Wight. Invited presentation to North of Scotland Public Health Research Network, Inverness, April 2005.
- Ryan M.** Using discrete choice experiments to value alternative screening programmes. Invited presentation to Institute for Medical technology Assessment, University of Erasmus, Rotterdam, April 2005.
- Ryan M.** Using discrete choice experiments to aid priority setting in health regions. Invited presentation to Capital Health Region, Edmonton, November 2004.
- Ryan M.** and Kromm S. Into the margin. Using discrete choice experiment to go beyond programme budgeting and marginal analysis. Invited presentation to Calgary health Region, November 2004.
- Watson V., Ryan M., Barnett G, Ellis B, Emberton M, Brown C, Eliciting preferences for benign prostatic hyperplasia medical treatment. Poster presented at Societe Internationale d'Urologie (SUI) 27th Annual Congress, Hawaii, October 2004.
- Ryan M.** Using discrete choice experiments to value health care: an application to prenatal diagnosis. Invited presentation to Centre for Health and Policy Studies, McMaster University, Canada, October 2004.
- Ryan M.** Using discrete choice experiments to elicit preferences. First Jack Laidlaw Lecture in Patient Centred Care. McMaster University, October 2004.
- Banks JL, Netten A, **Ryan M,** Watson V, Salas M, The Barthel Preference Index (BPI): A new condition specific index for use in stroke. Presented at 7th annual European congress of ISPOR, Hamburg, Germany, October 2004.
- Donaldson C. Loomes G. Robinson A. Smith R. **Ryan M.** and the Social Value of a QALY (SVQ) Team. A nice solution to a nice problem: A proposed method to assess the societal value of a QALY. Paper presented at the Health Economic Study Group Meeting, Glasgow, June 2004.
- Watson V. and **Ryan M.** Testing Contingent Valuation Responses for Payment Vehicle effects: Taxation v Charitable Donations. Paper presented at the Health Economic Study Group Meeting, Glasgow, June 2004.
- Watson V. Phimister E and **Ryan M.** Testing the assumption of compensatory decision-making in Discrete Choice Experiments: an application to the decommissioning of offshore oil installations. Paper presented at European Association of Environmental and Resource Economists conference, Budapest, June 2004.
- Odejar M. **Ryan M** and Mavromars K. Messy Data Modelling in Health care Contingent Valuation Studies, North American Summer Meeting of the Econometric Society, Rhode Island, June 2004.
- Ryan M.** Taking PBMA forward using discrete choice experiments. Invited presentation to Calgary Health Region Operations Team, June 2004.
- Ryan M.** How do women value alternative prenatal screening programmes: an application of discrete choice experiments? Invited presentation to the Institute for Health Economics, Edmonton, June 2004.

- Ryan M.** Developing discrete choice experiments within a priority setting context: a potential tool for Calgary Health Region? Invited presentation to Calgary Health Region Operations Team, June 2004.
- Banks JL, Netten A, **Ryan M**, Watson V, Salas M, Comparison of discrete choice experiment (DCE) with visual analogue scale (VAS) methods for estimating preferences for physical disability states, Presented at 9th annual international meeting of ISPOR, Washington DC, May 2004.
- Ryan M.** Setting priorities in health care: an application of Discrete choice experiments. Invited presentation to the Canadian Priority Setting Research Network, Edmonton, April 2004.
- Watson V, **Ryan M**, Barnett G, Ellis B, Emberton M, Brown C, Eliciting preferences for benign prostatic hyperplasia medical treatment. Presented at 19th annual European association of urologist (EAU) congress, Vienna, Austria, March 2004.
- Ryan M.** Using discrete choice experiments for priority setting. Paper presented to Univesita Cattolica del Sacro Cuore Faculty of Medicine (Rome) and Faculty of Economics (Milan). January 2004.
- Amaya-Amaya M, **Ryan M**, Kalleh M. and Odejar M. Complexity effects in Stated Preferences Choice Experiments: a simulation exercise. Paper presented at the 1st Franco-British Meeting in Health Economics, Paris, January 2004.
- Watson V. and **Ryan M**. Testing for Inconsistencies in Double Bounded Dichotomous Choice Contingent Valuation Studies, Paper presented at the 1st Franco-British Meeting in Health Economics, Paris, January 2004.
- Amaya-Amaya, M. and **Ryan, M**. Incorporating cut-offs into health care choice models. Paper presented to at the Advancing the Methodology of Discrete Choice Experiments in Health Economics Workshop. Oxford. September 2003
- Amaya-Amaya, M. and **Ryan, M**. Decision strategy switching in choice experiments. Paper presented to the Advancing the Methodology of Discrete Choice Experiments in Health Economics Workshop. Oxford. September 2003
- San Miguel, F, **Ryan, M**, and Amaya-Amaya, M. Investigating irrational responses in choice experiments. Paper presented to at the Advancing the Methodology of Discrete Choice Experiments in Health Economics Workshop. Oxford. September 2003
- Amaya-Amaya M. and **Ryan M**. Incorporating cut-offs into health care discrete choice models. Paper presented at the international Health Economic Association Conference, San Francisco, June,2003.
- Ryan M**, Reeves C, Entwistle V. Listening to respondents: a think aloud study of Discrete Choice Experiment responses. Paper presented at the international Health Economic Association Conference, San Francisco, June 2003.
- Bate A, **Ryan M**, Matheson C, Pitcairn J, Bond C, van Teijlingen E Incentives to change behaviour: treatment of illicit drug users in primary care. Paper presented at the international Health Economic Association Conference, San Francisco, June 2003.
- Jareinpituk S, **Ryan M**. and Cairns J. Testing the external validity of contingent valuation: a field experiment comparing hypothetical and real payments. Poster presented at the international Health Economic Association Conference, San Francisco, June 2003.
- Salkeld G, **Ryan M**, Solomon M, Short L. Take the best and forget the rest. An exploration of the reasons for dominant preferences within a discrete choice experiment applied to population screening for cancer. Paper presented at the international Health Economic Association Conference, San Francisco, June 2003.
- Ryan M**. Applying discrete choice experiments in health economics. Invited presentation to Public Health Specialists, University of Aberdeen, June 2003.
- Ryan M**, Watson V, Diack J. and Smith N. Prenatal Testing: How women value information and

- time to obtain results? Presented at Conference on Evidence, Policy, Practice: Public Health Research in Scotland, Royal Society of Edinburgh, Edinburgh, June 2003
- Ryan M.** Reeves C. Entwistle V. Listening to respondents: a think aloud study of Discrete Choice Experiment responses Paper presented at the Scottish Economic Society Conference, Glasgow University, March 2003.
- Amaya-Amaya M. **Ryan M.** Mavromaras K. An exploratory analysis of the impact of complexity in stated preferences choice experiments in health care. Paper presented at the Scottish Economic Society Conference, Glasgow University, March 2003.
- Watson V. **Ryan M.** Watson E. Testing the Validity of Discrete Choice Experiments: Evidence from a Chlamydia Screening Study. Paper to be presented at the Scottish Economic Society Conference, Glasgow University, March 2003.
- Watson V. Phimister E. **Ryan M.** Testing the assumption of compensatory decision-making in Discrete Choice Experiments: An application to the decommissioning of oil installations. Paper presented to the Environmental Economics Conference, University of Glasgow, March 2003.
- Ryan M.** Using discrete choice experiments in health economics: theoretical and practical issues. Invited - One-day workshop as part of Preference based outcome measurement PhD course, University of Southern Denmark, January 2003.
- Porter K. **Ryan M.** and Amaya-Amaya M. Is one reason enough? Comparing compensatory and non-compensatory decision-making strategies in choice experiments. Paper presented to Health Economic Study Group, University of Leeds, January 2003.
- Watson V. **Ryan M.** and Watson E. A test of external validity and the impact of visual aids in choice experiments. Paper presented to Health Economic Study Group, University of Leeds, January 2003.
- Ryan M.** Eliciting public preferences for healthcare: a systematic review of techniques. Invited presentation to HTA Commissioning board, London, October 2002.
- McIntosh E and **Ryan M.** Eliciting preferences for hernia repair: a comparison of strength of preference modelling and discrete choice experiments. Paper presented at the Health Economists Study Group meeting, University of Brunel, July 2002
- Ryan M.** Reeves C. and Entwistle V. Listening to Respondents: a think aloud study of discrete choice experiment responses. Paper presented at 4th European Conference on Health Economics, University Paris V, July 2002.
- Lazara A. **Ryan M.** and San Miguel S. Testing for scope effects in health care using contingent valuation. Presented at 4th European Conference on Health Economics, University Paris V, July 2002.
- Bate A. **Ryan M.** Pitcairn, Bond C. Matheson C. Teijilingen E. Overcoming the barriers to treating illicit drug users in primary care. Presented at 4th European Conference on Health Economics, University Paris V, July 2002.
- Ryan M.** Discrete Choice Experiments in health Economics: Current practice and future challenges. Invited presentation to Department of Economics, University of Calgary, May 2002.
- Ryan M.** Using discrete choice experiments to inform policy makers. Invited presentation at 3rd Svare Workshop: Estimating monetary values for health care. University of Calgary, Canada, May 2002.
- Ryan M.** What is the role of discrete choice experiments in health care. Presented to Department of Community Health Sciences, University of Calgary, Canada, May 2002.
- Amaya M. **Ryan M.** The impact of complexity and cumulative cognitive burden in choice experiments in health care. Paper presented to XXII Jornadas de Economia de la Salud Pamplona, May 2002.

- Ryan M.** Using discrete choice experiments to inform policy makers. Presented to Health Economic Research Unit 25th Anniversary Policy Conference, Kings College, University of Aberdeen, April 2002.
- McIntosh E** and **Ryan M.** Eliciting preferences for hernia repair: a comparison of strength of preference modelling and discrete choice experiments. Paper presented at the workshop on Discrete Choice Experiments in Health Economics, University of Southern Denmark, April 2002.
- San Miguel F.** and **Ryan M.** Does internal inconsistency mean irrationality? Paper presented at the workshop on Discrete Choice Experiments in Health Economics, University of Southern Denmark, April 2002.
- Ryan M.** Discrete choice experiments in health economics: current practice and future prospects. Keynote presentation at workshop on Discrete Choice Experiments in Health Economics, University of Southern Denmark, April 2002.
- Amaya M, Ryan M.** and San Miguel F. Do individuals adopt simplifying decision making heuristics? Preliminary evidence from health care. Paper presented at the workshop on Discrete Choice Experiments in Health Economics, University of Southern Denmark, April 2002.
- Ryan M.** The role of discrete choice experiments in Health Economics. Keynote presentation presented to Danish Health Economic Study Group, University of Southern Denmark, March 2002.
- Ryan M.** Benefit Assessment in Health Economics. Presented to Institute Applied Health Sciences Seminar series, March 2002.
- Amaya M, Ryan M.** and San Miguel F. Do individuals adopt simplifying decision making heuristics? Preliminary evidence from health care. Paper presented to IX Spanish Public Economics Conference, Vigo, Spain, February 2002.
- Ryan M.** Reeves C. and Entwistle V. Listening to respondents: a think-aloud study of Discrete Choice Experiment responses. Paper presented to the Health Economic Study Group Meeting, University of East Anglia, January 2002.
- Ryan M.** Discrete choice experiments and their use in policy. Presented to Department of Health, London, November 2001.
- Ryan M.** Reeves C. and Entwistle V. Economic issues suitable for qualitative investigation: testing economic axioms. Paper presented at 'Qualitative analysis from the health economics perspective: meaning, best practice and future research' Workshop, University of Bristol, 2001.
- Ryan M.** and Gerard K. Using choice experiments to value health care programmes: current practice and future challenges. Paper presented at International Health Economic Association Conference, University of York, July 2001.
- Ryan M.** and Scott D. Eliciting community preferences: current practice and future prospects. Paper presented at International Health Economic Association Conference, University of York, July 2001.
- Salkeld G.** and **Ryan M.** Community preferences for colorectal cancer screening. Paper presented at International Health Economic Association Conference, University of York, July 2001.
- San Miguel F.** and **Ryan M.** Testing for 'rationality' in discrete choice experiments. Poster presented at International Health Economic Association Conference, University of York, July 2001.
- de Lissovoy G, Ryan M.** McIntosh E. Schmier J. Crawley J. Kleinman L. Willingness to Pay for Symptom Relief of Gastroesophageal Reflux Disease. Poster presented at International Health Economic Association Conference, University of York, July 2001.
- Farrar S, Ryan M.** Ford J. Factors determining doctors' decisions to admit patients to hospital.

- Poster presented at International Health Economic Association Conference, University of York, July 2001.
- McIntosh E. **Ryan M.** & Bate A. Using discrete choice experiments to assess the cost-effectiveness of genetic counselling services, Poster presented at International Health Economic Association Conference, University of York, July 2001.
- Ryan M.** Valuing Benefits from Health Care. Presented at 'An Introduction to Health Economics' workshop, London, June 2001.
- Bate A. and **Ryan M.** Evaluating the importance of criteria commonly used to aid prioritisation decisions. Presented to Prioritisation Policy Forum, Glasgow, April 2001.
- San Miguel F. and **Ryan M.** Are preferences complete? The case of health care. Paper presented to/presentation at the 6th spring Meeting of Young Economists. Copenhagen, March 2001.
- Ryan M.** Economic approaches to valuing benefits beyond health outcomes. Presented to Scottish Health Economic Network, University of Edinburgh, February 2001.
- Ryan M.** Using discrete choice experiments to value health care: current practice and future prospects. Presented at Department of Economics, University of Dundee, February 2001.
- Ryan M.** Using conjoint analysis to establish the value of introducing a specialist nurse for rheumatology outpatient care. Presented as part of the Department of Rheumatology Educational Programme, University of Aberdeen, December 2000.
- Ryan M.** A cost-utility analysis of genetic counselling services. Annual conference of the Faculty of Public Health Medicine Scottish Affairs Committee, Glasgow, December 2000.
- Ryan M.** How important are consumer views in priority setting? Presented to Health Economics Research Centre, University of Oxford, November 2000.
- Bate A. **Ryan M.** and Walker A. An investigation of the importance of consumer views via-a-vis other criteria for setting priorities. Presented at Priorities in Health Care International Conference. Amsterdam, November 2000.
- Netten A. **Ryan M.** Skatun D. and Smith P. Establishing preferences of older people for domains of outcome of social care. British Society of Gerontology, September 2000.
- van Teijlingen E. Matheson C. Pitcairn J. Bond C. and **Ryan M.** Factors influencing Scottish general practitioners' treatment decisions, attitudes and involvement with illicit drug users. Presented to the BSA Medical Sociology and European Society of Health and Medical Sociology. University of York, September 2000.
- Bate A. **Ryan M.** and Walker A How important are consumer views in priority setting? Paper presented to the Health Economists' Study Group Meeting, University of Nottingham, 10th - 12th July, 2000.
- McIntosh E. **Ryan M** and Bate A. Using discrete choice experiments within a cost-utility analysis framework. Paper presented to the Health Economists' Study Group Meeting, University of Nottingham, 10th - 12th July, 2000.
- McIntosh E. **Ryan M.** Wilson B, Bate A, Haites N & Hinks S. Assessing user preferences for, and costs of, genetic counselling for familial cancer risk in Scotland: a cost-utility analysis using conjoint analysis. Paper presented at The 7th International Conference on System Science in Health Care (ICSSHC), Budapest, 29 May-2 June, 2000.
- San Miguel F and **Ryan M** Testing for rationality in discrete choice experiments. Conference of Health Economics organised by the Spanish Health Economics Association, Palma de Mallorca. Spain, May 2000.
- Ryan M.** Scott D and Donaldson C. Valuing health care using willingness to pay: a comparison of the payment card and dichotomous choice methods. Paper presented to Eurowill Group, University of Galway, Ireland, May 2000.
- Ryan M.** Using discrete choice experiments to value non-marketed commodities: current practice

- and future prospects. Paper presented to Department of Economics, University of Aberdeen, May 2000.
- Ryan M.** Using discrete choice experiments to value health care: current practice and future prospects. Invited presentation at INSERM workshop on eliciting patient and physician preferences, University of Marseille, France, April 2000.
- Ryan M.** The role of choice experiments in valuing non-marketed commodities. Invited presentation to Department of Economics, Glasgow Caledonian University, March 2000.
- Ryan M.** Conjoint analysis and health economics: Current experience and future prospects. Invited presentation to Department of Economics, University of Lund, Sweden, January 2000.
- Ryan M.** Economic approaches to public preference exercises. Invited presentation at First Svare Workshop in Health Economics, Priority setting in health regions: the role of Economics, University of Calgary, Alberta, Canada, September 1999.
- Ryan M.** Benefit assessment in health economics: the role of conjoint analysis. Invited presentation to Institute for Health Economics, Edmonton, Canada, September 1999.
- San Miguel F. Ryan M. and Scott A. Testing for completeness and stability in discrete choice experiments. Paper presented at International Health Economics Association, Rotterdam, June 1999.
- Ryan M.** and Wordsworth S. Sensitivity of willingness to pay estimates to the level of attributes in discrete choice experiments. Paper presented at International Health Economics Association, Rotterdam, June 1999.
- Ryan M.** Scott D, and Donaldson C. Valuing health care using willingness to pay: a comparison of the payment card and dichotomous methods. Paper presented at International Health Economics Association, Rotterdam, June 1999.
- Ryan M.** Measuring benefits in health care: the role of conjoint analysis. Paper presented at International Health Economics Association, Rotterdam, June 1999.
- Ryan M.** and McIntosh E. Measuring benefits in health care: the role of conjoint analysis. Paper presented to Social and Public Health Economic Research Group, Department of Community Medicine, University of Sydney, June 1999.
- San Miguel F. Ryan M. and Scott A. Testing for completeness and stability in discrete choice experiments. Paper presented at Spanish Health Economics Conference, June 1999.
- Ryan M.** Going beyond transport economics: the role of conjoint analysis in health economics. Invited presentation to Institute for Transport Studies, University of Leeds, May 1999.
- Ryan M.** Benefit assessment in health economics: the role of conjoint analysis. Invited presentation to Centre for Health Economics, University of York, May 1999.
- Ryan M.** Scott D, and Donaldson C. Valuing health care using willingness to pay: a comparison of the payment card and dichotomous methods. Paper presented at EUROWILL meeting, Department of Economics, Lisbon, May 1999.
- Ryan M.** and Wordsworth S. Sensitivity of willingness to pay estimates to the level of attributes in discrete choice experiments. Paper presented at Scottish Economic Society Conference, Napier University, Edinburgh, April, 1999.
- Ryan M.** Health Economic Approaches to Public Involvement in Priority Setting. Health Services management Centre, University of Birmingham, March 1999.
- Ryan M.** Valuing Patient Outcomes, Invited presentation at An Introduction to Health Economics, Management Forum, London, February 1999.
- Ryan M.** Assessing the Benefits of Health Interventions: A Role for Conjoint Analysis? Invited presentation to Health Services Research Group, The University of Hong Kong, October 1998.
- Ryan M.** Assessing the Benefits of Health Interventions: A Role for Conjoint Analysis? Invited presentation for the Inaugural Lecture for Social and Public Health Economics Research Group, University of Sydney, October 1998,

- Farrar S. **Ryan M.** Ross D. and Ludbrook A. Prioritisation of clinical service developments in a teaching hospital: an application of conjoint analysis. Paper presented to Priorities in Health Care Conference, London, October 1998
- Ryan M.** and Wordsworth W. Using conjoint analysis in health economics - an application to women's preferences for cervical screening programmes. Paper presented to 19th Nordic Health Economist's Study Group meeting, Oslo, Norway, August 1998.
- McIntosh E. and **Ryan M.** The 'wisdom' of using conjoint analysis to estimate utility scores in dental health: the case of third molars. Paper presented to Health Economist's Study Group meeting, The National University of Ireland, Galway, July 1998.
- San Miguel F. **Ryan M.** and McIntosh E. Establishing the convergent validity of conjoint analysis and willingness to pay. Paper presented to Health Economist's Study Group meeting, The National University of Ireland, Galway, July 1998.
- Ryan M.** Conjoint - what's the point? Paper presented to Health Economist's Study Group meeting, The National University of Ireland, Galway, July 1998.
- Farrar S. **Ryan M.** Ludbrook A and Ross D. Using conjoint analysis in public policy decision making. Paper presented to Decision Making in Theory and Practice Conference, Economics Belief and Behaviour Programme, Economic and Social Research Council, University of Oxford, July 1998.
- Ryan M.** Measuring patient preferences. Conjoint analysis and other quantitative techniques. Paper presented to Health Economics Group in Scotland meeting, Stirling Royal Infirmary Conference Centre, July 1998.
- San Miguel F. **Ryan M.** and McIntosh E. Conjoint Analysis - its application in Health Economics. Paper presented to 18th Congress of Health Economics, Spanish Association of Health Economics, Victoria-Gasteiz, Spain, May 1998.
- Ryan M.** Assessing the Benefits of Health Interventions: A Role for Conjoint Analysis? Invited presentation to School of Health and Related Research, University of Sheffield, March 1998.
- Ryan M** and San Miguel F. Assessing the Benefits of Health Interventions using Conjoint Analysis: an application to menorrhagia. Presented to Department of Public Health Community Group Seminars, University of Aberdeen, February 1998.
- Ryan M.** Assessing the Benefits of Health Interventions: A Role for Conjoint Analysis? Paper presented to Department of Epidemiology and Public Health Seminars, University of Dundee, February 1998.
- San Miguel F. **Ryan M.** and McIntosh E. Using conjoint analysis to establish women's preferences for menorrhagia. Paper presented to Health Economists Study Group Meeting, University of Sheffield, January 1998.
- Ryan M.** Patient Charges - an Economist's Perspective. Paper presented to Health Rights, Manchester, November 1997.
- Ryan M.** Assessing the Benefits of Health Interventions: A Role for Conjoint Analysis? Invited presentation for the Labelle Lectureship in Health Service Research, McMaster University, Hamilton, Ontario, October 1997.
- Ryan M.** Understanding the Benefits of Applying Conjoint Analysis in PharmacoEconomics. Paper presented to Smith Kline Beecham, London, July 1997.
- Ryan M.** The contribution of economics to dentistry - directions for future research. Paper presented to the British Society for Behavioural Sciences in Dentist, Royal College of Surgeons, Edinburgh, June 1997.
- Ryan M.** Understanding the Benefits of Applying Conjoint analysis in Health Economics - New Tool to Maximise Profits. Paper presented to PharmEcon Europe '97 Conference, Paris, June 1997.
- Ryan M.** Benefit Assessment in Health Economics and the Use of Conjoint Analysis Invited

- presentation to Public Sector and Social Research Unit, University of Kent, June 1997.
- Ryan M.** Using Conjoint Analysis in Health Services Research, Paper presented to Health Services Research Unit, University of Aberdeen, May 1997.
- Ryan M.** Benefit Assessment in Health Economics and the Use of Conjoint Analysis, Invited presentation to Astra Draco, Lund, Sweden, May 1997.
- Ryan M.** Identifying and Measuring Preferences in the Provision of Health Promotion. Invited presentation to the Glamorgan Health Economics Research Unit, University of Glamorgan, May 1997.
- Ryan M.** Economic Evaluation and Women's Health Women Health. Invited presentation to the Dugald Baird Centre for Research on Women's Health, University of Aberdeen, March 1997.
- Ryan M.** Using conjoint analysis to evaluate alternative methods for repeat prescribing, Invited presentation to Department of Public Health Community Group seminars, University of Aberdeen, March 1997.
- Ryan M.** Issues in the Economic Evaluation of Pre-implantation Genetic Diagnosis. Invited presentation to symposium on Pre-implantation Genetic Diagnosis, University of Warwick, March 1997.
- Ryan M.** Health Promotion: An Alternative Economic Perspective. Paper presented at Third HERU Policy, Health Promotion: An Evidence Based Future. Glasgow, January 1997.
- McIntosh E. **Ryan M.** Shackley P. Economic Evaluation of the Patient Healthcard using the techniques of willingness to pay and conjoint analysis, Paper presented to the Health Economists' Study Group meeting, University of Liverpool, January 1997.
- Ryan M.** Benefit Assessment in Health Economics and the use of Conjoint Analysis, Paper presented to Health Economic Research Group, University of Brunel, November 1996.
- Ryan M.** Establishing the convergent validity of willingness to pay and conjoint analysis for eliciting preferences. Paper presented to the Health Economists' Study Group meeting, University of Brunel, July 1996.
- Ryan M.** Using Conjoint Analysis to go Beyond Health Outcomes: An Application to In Vitro Fertilisation. Paper presented to International Health Economics Association Conference, Vancouver, May 1996.
- Ratcliffe J. And **Ryan M.** Using the Closed Ended Willingness to Pay Technique to Value Alternative Models of Antenatal Care. Paper presented to International Health Economics Association Conference, Vancouver, May 1996.
- Ryan M.** and Scott A. Using Economics to Elicit Community Values, Community Group Seminar, University of Aberdeen, November 1995.
- Ryan M.** and Ratcliffe J. Some Issues Raised in the Analysis of Closed Ended Willingness to Pay Data in Health Care. Paper presented to the Third European Conference on Health Economics, Stockholm School of Economics, Stockholm, August, 1995.
- Ryan M.** Evaluating Assisted Reproductive Techniques: A Feminist Economist's Perspective. Paper presented at the Fourth International Association for Feminist Economists Conference, Tours, France, July, 1995.
- Ryan M.** and Hughes J. Using Conjoint Analysis to Value Surgical versus Medical Management of Miscarriage. Paper presented to the Health Economists' Study Group Meeting, University of Aberdeen, July 1995.
- Ryan M.** An Economic Contribution to Priority Setting. Paper presented to Workshop on Priority Setting: Issues and Techniques, Health Services Management Centre, University of Birmingham, May, 1995.
- Ryan M.** Using Contingent Valuation and Conjoint Analysis in Health Economics. Invited presentation to Wellington Health Economists Group, University of Otago, Wellington, New Zealand, March 1995.
- Ryan M.** and Farrar S. A Pilot Study Using Conjoint Analysis to Establish the Views of Users in

- the Provision of Orthodontic Services, Paper presented to the Health Economists' Study Group meeting, University of Bristol, January 1995.
- Ryan M.** Using Conjoint Analysis in Health Care: An Application to Orthodontic Services in Grampian. Invited presentation to Dental Health Services Research Unit, University of Dundee, Dundee, December 1994.
- Ryan M.** And Ratcliffe J. An Economic Evaluation of Ante-Natal Care. Paper presented at Second HERU Policy Conference, Women Health and Economics, Edinburgh, October 1994.
- Ryan M.** Assessing the Benefits from Assisted Reproductive Techniques. Paper presented at Second HERU Policy Conference, Women Health and Economics, Edinburgh, October 1994.
- Ratcliffe J. and **Ryan M.** Consumer Economics: Establishing Consumer Preferences in Health Care. Paper presented to 10th European Conference on Economics Education, Athens, Greece, September 1994.
- Donaldson C. **Ryan M.** Mapp T. Curtin K. Willingness to Pay to Avoid Food-Borne Risk: A Study in the North-East of Scotland. Paper presented to 15th Nordic Health Economists' Study Group Meeting, Reykjavik, Iceland, August 1994.
- Shackley P. and **Ryan M.** What can Economics Contribute to the Analysis of the Consumer in Health Care? Paper presented to the Health Economists' Study Group meeting, University of Newcastle, 6-8 July 1994.
- Ryan M.** Evaluating Assisted Reproductive Programmes: An Australian Pilot Study Using Willingness to Pay, Paper presented to the Health Economists' Study Group meeting, University of Newcastle, July 1994.
- Ryan M.** What do Women want from their Health Service and how can we Value it? Paper presented at Women and Higher Education Conference, University of Aberdeen, June 1994.
- Ryan M.** Should government fund Assisted Reproductive Techniques: An economists' perspective. Paper presented to Centre for Health Economics, Research and Evaluation, University of Sydney, Sydney, 1994.
- Ryan M.** Issues involved in benefit assessment in economic evaluations. Paper presented to the National Centre for Health Care Evaluation, Monash University, Melbourne, Melbourne, November 1993, Australia.
- Ryan M.** Evaluating IVF: Assessing the Benefits. Joint paper presented to the Key Centre for Women's Health and Centre for Research on Women and Children's Health, University of Melbourne, Melbourne, November 1993, Australia.
- Ryan M.** Health economists: what are we are what do we do? Paper presented to Society of Radiographers, October 1993, Aberdeen.
- Ryan M.** Valuing the benefits of health care: conjoint analysis or contingent valuation. Paper presented to the Health Economists' Study Group meeting, University of Strathclyde, July 1993.
- Ryan M.** Evaluating in-vitro fertilisation: examining the benefits from a woman's perspective. Paper presented at the international conference: Out of the Margin: Feminist Perspectives on Economic Theory, June 1993, Amsterdam.
- Ryan M.** Health economists: what are we are what do we do? Paper presented to Soroptomists, May 1993, Aberdeen.
- Ryan M.** The benefits of IVF. Paper presented to Department of Obstetrics and Gynaecology, University of Aberdeen, January 1993.
- Ryan M.** What do patients want from their health service? A case study of in-vitro fertilisation. Paper presented to the Health Economists' Study Group joint meeting with Faculty of Public Health Medicine, University of York, January 1993.

- Healey A. and **Ryan M.** Variations in GP referral rates. Paper presented to the 2nd European Conference on Health Economics and Health Services Research, Paris, December 1992.
- Ryan M.** and Shackley P. Evaluating health care interventions: what is the patient attempting to maximise? Paper presented to the 2nd European Conference on Health Economics and Health Services Research, Paris, December 1992.
- Ryan M.** and Birch S. Prescription charges in the UK, Lessons for Eastern Europe. Paper presented to the Fifth International Conference on System Science in Health Care, Prague, July, 1992.
- Ryan M.** A feminist perspective on assisted reproductive techniques. Presented to Aberdeen Women's Centre Annual General Meeting, Aberdeen, June 1992.
- Healey A. and **Ryan M.** Factors affecting GP referral rates. Presented to Department of Public Health, University of Newcastle, May 1992.
- Ryan M.** Rethinking medical audit: the goal is efficiency. Presented to Two Day Seminar: Experiences in Audit: Everyone's Business, Birmingham, May 1992.
- Ryan M.** Women, infertility and their doctors. Presented to Newmachar Women's Group, March 1992
- Healey A. and **Ryan M.** Explaining variations in GP referral rates. Presented at the Health Economists' Study Group meeting, Sheffield, January 1992.
- Ryan M.** Women, infertility and their doctors. Presented to Women in the 20th Century course, University of Aberdeen, November 1991.
- Ryan M.** And Twaddle S. Economic issues in the evaluation of IVF. Presented at the Health Economists' Study Group meeting, Aberdeen, July 1991.
- Ryan M.** An evaluation of IVF in infertility care in Scotland. Presented to the Women's Research Group, University of Aberdeen, May 1991.
- Ryan M.** and Yule B. The economics of switching drugs from prescription-only to over-the-counter availability: the UK experience. Presented at the symposium on Pricing and Reimbursement of Drugs, Paris, April 1991.
- Ryan M.** and Yule B. Benefits from switching drugs from prescription-only to over-the-counter availability: the UK experience. Presented at the First Workshop on Strategies for the European Pharmaceutical Industry and Patient Interests, Brussels, March 1991.
- Ryan M.** and Yule B. General practitioners' attitudes and knowledge towards considering drug costs when prescribing. Paper presented to Department of Public Health, University of Aberdeen, February 1991.
- Ryan M.** and Yule B. The influence of general practitioners' perceptions of drug costs on their prescribing. Presented at the Health Economists' Study Group meeting, Dublin, July 1990.
- Ryan M.** and Birch S. Charging for health care: recent evidence on the utilisation of NHS pharmaceutical services. Presented at the Health Economists' Study Group meeting, Newcastle, December 1987.

Other Information

Personal Awards

1. Inaugural Jack Laidlaw Lecture in Patient Centred Care. McMaster University, October 2004.
2. Inaugural Lecture for Social and Public Health Economics Research Group, University of Sydney, Australia, October 1998.
3. Labelle Lectureship, McMaster University, Ontario, Canada, 1997.
4. Medical Research Council Non-Clinical Senior Fellowship (October 1997 - October 2002).
5. Scholarship to work in Australia for three months (November 1993 - February 1994) at the Centre for Health Economics Research and Evaluation (CHERE).
6. Adam Smith Memorial Prize for Best Student in Economics, University of Leicester, 1986.
7. Faculty Prize for Best Student in Faculty of Social Sciences, University of Leicester, 1986.