

Curriculum Vitae

Name: Shelley Farrar

Personal Details: Health Economics Research Unit
University of Aberdeen
Polwarth Buildings
Foresterhill
Aberdeen
AB25 2ZD

Tel. +44(0)1224 553866
Fax. +44(0)1224 662994
E-mail s.farrar@abdn.ac.uk

Date of Birth: 25 June 1967

Education and Qualifications

November 2003	PhD, Department of Economics, University of Aberdeen.
1994 - 1995	University of Glasgow, Scotland, Scottish Doctoral Programme MSc* in Economics
1985 - 1989	University of Strathclyde, Scotland, BA Honours Economics, 2.1

Employment

June 2001 - present	Research Fellow (Grade 2), Health Economics Research Unit, University of Aberdeen
Oct 1993 - June 2001	Research Fellow (Grade 1A), Health Economics Research Unit, University of Aberdeen
Mar 1991 - Oct 1993	Research Assistant (Grade 1B), Health Economics Research Unit
Sep 1989 - Feb 1991	Economic Assistant, Government Economic Service, Scottish Office, Edinburgh

Publications

Peer-reviewed papers

Farrar, S., Yi. D., Sutton, M., Chalkley, M., Sussex, J., Scott, A. Has Payment by Results affected the way that English hospitals provide care? A difference-in-differences analysis. *British Medical Journal*, 339:b3047, 2009.

Sussex, J, Farrar, S. Activity-based funding for National Health Service hospitals in England: managers' experience and expectation. *European Journal of Health Economics*, 10(2), 2009.

Anton, S, McKee, L, Harrison, S, Farrar, S. Involving the public in NHS service planning: criteria and methods for evaluating NHS Boards' Activity. *Journal of Health Organization and Management*, 21 (4/5), 470-483, 2007.

Ryan, M., Farrar, S. Using conjoint analysis to elicit preferences for health care. *British Medical Journal*, 320: 1530-1533, 2000

Farrar, S., Ryan, M., Ross, D., Ludbrook A. Using conjoint analysis in priority setting: an application to clinical service developments. *Social Science and Medicine*, 50, 63-75, 2000

Farrar, S., Ryan, M. Response-ordering effects: a methodological issue in conjoint analysis. *Health Economics Letters*, 8(1), 75-80, 1999

Ludbrook, A., Farrar, S. Health Promotion: an evidence based future? *Health Bulletin*, 56(6), 878-888, 1998

Farrar, S., Donaldson, C., MacPhee, S., Walker, A., Mapp, T. Creativity and sacrifice: two sides of the same coin. A reply to David Seedhouse's critique of health economics. *Health Care Analysis*, 5(4), 306-309, 1997

Donaldson, C., Farrar, S., Mapp, T., Walker, A., MacPhee, S. Assessing community values in health care. *Health Care Analysis*, 5(1):7-29, 1997

Bodner, C., Vale, L., Ratcliffe, J., Farrar, S. Using economics alongside medical audit: A case study of the management of endometriosis. *Health Bulletin*, 54(3): 204-211, 1996

Farrar, S., Donaldson, C. Funding NHS support for teaching: a spanner in the internal market? *Public Money and Management*, 14(1):47-49, 1994

Farrar, S. NHS reforms and resource management: whither the hospital? *Health Policy*, 26: 93-104, 1993

Donaldson, C., Farrar, S. SIFTing through the NHS reforms. *Health Policy*, 25: 95-108, 1993

Farrar, S., Donaldson, C. Needs Assessment: developing an economic approach. *Health Policy*, 25: 141-151, 1993

Farrar, S., Mooney, G. Scotland's Health: the road to the ills? (lead article) *Scottish Medical Journal*, 38(1): 3-5, 1993

Book Chapters

Scott A and Farrar S. Incentives in health care. In: Advances in health economics. Scott, A, Maynard, A., and Elliott, R. (eds.) Chichester. Wiley. 2003.

Ryan M, Farrar S and Reeves C. Using conjoint analysis studies when eliciting preferences in health care. In: Getting health economics into practice. Kernick, D. (ed.) Oxford. Radcliffe Medical Press. 2002.

Farrar S and Donaldson C. Health Economics in: Epidemiology in Old Age Edited by S. Ebrahim and A. Kalache, British Medical Journal Publishing Group, London, 1996.

Farrar S and Donaldson C. Informing Purchasers in the UK NHS. In E Levy and A Mizrahi (Eds.), From Economic Analysis to Health Policies, Volume 2, 177-182. Universite Paris Dauphine, 1993.

Reports

Farrar, S., Chalkley, M., Yi, D., Ma, AHY. & Sutton, M. Interim report on the medium term consequences of Payment by Results . June 2009.

Guthrie, B., Davies, H., Greig, G., Rushner, R., Walter, I., Duguid, A., Coyle, J., Sutton, M., Williams, B. & Farrar, S. Delivering health care through managed clinical networks (MCNs): lessons from the North: Report for the National Co-ordinating Centre for NHS Service Delivery and Organisation R&D (NCCSDO), July 2009

McLachlan, N, Farrar, S. report prepared for the NOSCAN Brachytherapy Service Review Working Group. NOSCAN Brachytherapy Service Review: An option appraisal of the future service provision. May 2008.

Sussex J, Farrar S and PbR team. Payment by Results Evaluation Newsletter 3. Office of Health Economics, March 2008.

Farrar S, Sussex J, Yi D, Chalkley M, Scott A, Sutton M, Yuen P. Evaluation of Payment by Results. Draft Final Report to the Department of Health. November 2007.

Sussex J, Farrar S and PbR team. Payment by Results Evaluation Newsletter 2. Office of Health Economics, December 2006.

Farrar S, Yi D, Sutton M, and PbR team. Evaluation of Payment by Results: Summary Interim Report. Department of Health, October 2006.

Farrar S, Yi D, Sutton M, and PbR team. Evaluation of Payment by Results: Spell level quality. Interim Report Part IV. Department of Health, September 2006.

Farrar S, Yi D, Sutton M, and PbR team. Evaluation of Payment by Results: Length of stay. Interim Report Part III. Department of Health, September 2006.

Anton S, Entwistle V, Farrar S, Harrison S, McKee L. Involving the public in NHS service Planning: criteria methods for evaluating NHS Boards' activity. Scottish Executive Health Department, September 2006.

Farrar S, Yi D, Sutton M, and PbR team. Evaluation of Payment by Results: Trust level quality variables. Interim Report Part II. Department of Health, August 2006.

Farrar S, Yi D, Sutton M, and PbR team. Evaluation of Payment by Results: Activity levels, including day case and emergency activity. Interim Report Part I. Department of Health, August 2006.

Sussex J, Farrar S and PbR team. Payment by Results Evaluation Newsletter 1. Office of Health Economics, February 2006.

Farrar S, Sussex J, Chalkley M, Ikenwilo D, Yuen P, Scott A, Munro A. National Evaluation of Payment by Results: Interim report to the Department of Health, October 2005.

Farrar S, Chalkley M, Ikenwilo D, Munro A, Scott A, Sussex J, Yuen P. National Evaluation of Payment by Results: Progress report to the Department of Health, May 2005.

Farrar S, Harris F, McKee L, Scott A. The Performance Assessment Framework: experiences and perceptions NHSScotland. A Report to the Analytical Service Division, Directorate of Performance Management and Finance, Scottish Executive Health Department, March 2004.

Elliot R, Scott A, Skatun D, Farrar S, Napper M. The impact of local labour market factors on the organisation and delivery of health services. Final report for NHS SDO R&D Programme, November 2003.

Ashok P, Templeton A, Flett G, Farrar S, Graham W. A randomised controlled trial of medical abortion versus surgical vacuum aspiration for termination of pregnancy at 10 - 13 weeks gestation. Final Report to the Chief Scientist Office, 2000.

Farrar S, Ryan M and Pollock G. Priority setting by GUHT: scoring and weighting using discrete choice modelling. A report to the Grampian University Hospitals Trust, 2000.

Farrar S, Ryan M and Ludbrook A. Scoring and Weighting of Clinical Developments in the Aberdeen Royal Hospitals Trust. A Report to the Aberdeen Royal Hospitals Trust, 1997.

Ryan M, van der Pol M and Farrar S. Using the instrument of conjoint analysis to assess community values. A report to Grampian Health Board. Health Economics Research Unit, University of Aberdeen, 1995.

Walker A, Donaldson C and Farrar S. Community Values in Child Health Services: an Economic Approach. Preliminary Report to Grampian Health Board. Health Economics Research Unit, University of Aberdeen, 1994.

Walker A, Donaldson C and Farrar S. Community Values in Child Health Services: Report of Pilot Study Results. Health Economics Research Unit, University of Aberdeen, 1993.

Cancer Needs Assessment Project Team. Cancer Needs Assessment Report. Report to Purchasing Strategy Group of Grampian Health Board. Health Economics Research Unit, University of Aberdeen, 1992.

Donaldson C, Farrar S, Wilson B, Berkeley J and Hay S. Needs assessment in dementia services for elderly people: an economic approach. Report to Grampian Health Board. Health Economics Research Unit, University of Aberdeen, 1991.

Farrar S and Donaldson C. Feasibility of assessing teaching costs: report to Grampian Health Board. Health Economics Research Unit, 1991.

Conference Papers/Presentations

Farrar, S., Yi, D., Ma, AHY., Chalkley, M. & Sussex, J. Payment by Results: impact and policy implications. (Invited) Symposium on Policy Implications of Emerging Findings for the English NHS, London, United Kingdom. February 2010.

Yi, D., Farrar, S., Ma, AHY., Sutton, M. & Chalkley, M. Behaviour of English hospitals in the early stage of implementing payment by results: Difference in differences analysis using Scotland as control. Exploiting existing data in health research conference, St Andrews, United Kingdom. September 2009.

Feng, Y., Farrar, S., Sutton, M., Ma, A. The effect of a pay for performance system on GPs' monetary and non-monetary motivations. Joint Nordic and UK HESG, Aberdeen, August 2008.

Yi, D., Farrar, S., Sutton, M., Chalkley, M. Do hospitals become more efficient under a new prospective payment system? Effects of Payment by Results on length of stay in English hospitals. European Conference on Health Economics, Rome, July 2008.

Farrar, S., Yi, D., Sutton, M., Chalkley, M., Sussex, J., Scott, A. The effects of Payment by Results on cost, quality and volume of care. Delivering better health services. Health Services Research Network and NIHR SDO Programme Annual Conference. Manchester, June 2008

Yi, D., Pugh, E. and Farrar, S. The effect of the introduction of a prospective payment system on HRG creep in English hospitals: an empirical investigation of Payment by Results. Oral presentation at the international Health Economics Association, Copenhagen, July 2007.

Farrar, S. and PbR Team. Evaluation of Payment by Results: using differences in differences. Seminar presented to the Health Economics Research Centre, University of Oxford, May 2007.

Farrar, S. and PbR Team. Paying Hospitals: Lessons from Payment by Results. Health Economics Research Unit Policy Conference: Paying for Performance? Changing Payment Systems and the Scottish Health Service. Edinburgh, October 2007.

Farrar, S., Yi, D. Summary of PbR Policy in England and the National Evaluation Project. Analytical Services Division Workshop, Scottish Executive Health Department, Edinburgh, September 2006.

Farrar, S., Yi, D. PbR Policy: Qualitative Results. Analytical Services Division Workshop, Scottish Executive Health Department, Edinburgh, September 2006.

Yi D and Farrar S. PbR Policy: Early quantitative results. Analytical Services Division Workshop, Scottish Executive Health Department, Edinburgh, September 2006.

Farrar, S., Yi, D., Sutton, M., Scott, A., Chalkley, M. Payment by results: analysis of the effects of the early period of implementation. Nordic Health Economists Study Group, Copenhagen, August 2006.

Sussex J and Farrar S. Activity Based Hospital Funding in a Cash Limited System – Qualitative Analysis of ‘Payment by Results’ in England. European Conference on Health Economics, Budapest, July 2006.

Ikenwilo D, Farrar S, Amaya-Amaya M, Sutton M, Chalkley M and Yuen P. Anticipatory behaviour prior to the introduction of a prospective payment system for hospitals in England. European Conference on Health Economics, Budapest, July 2006.

Anton, S., Mckee, L., Harrison, S. and Farrar, S. Involving the public in NHS planning: criteria and methods for evaluating NHS Boards' Activity. Paper presented at the 5th International Conference on Organisational Behaviour in Health Care, University of Aberdeen, April 2006.

Sussex J, Farrar S. Payment by Results' for National Health Service Hospitals in England – Managers' Experiences and Expectations. Joint meeting of the UK Health Economists' Study Group and the Colleges des Economistes de la Sante. City University, London, January, 2006.

Farrar S. Payment Mechanisms. Commercial Directorate of the Department of Health Workshop Programme 2005. London School of Economics, December 2005.

Farrar S. Evaluating PbR: preliminary findings. Health Economics and Decision Science Seminar Series, University of Sheffield, November 2005.

Farrar S. Evaluating PbR: preliminary findings. Centre for Health Economics, University of York, October 2005.

Farrar S. Hospital inefficiency and expense preference behaviour. Centre for Health Services Research Spring Seminar Series, University of Newcastle, May 2005

Farrar S, Sussex J, PbR team. National Evaluation of Payment by Results. Health Services Management Centre, University of Birmingham. Conference on Patient Choice and Activity Based Funding of Hospitals in England, April 2005.

Farrar S, Harris F, Scott A, McKee, L. The Performance Assessment Framework: experiences and perceptions of NHSScotland. Paper presented at Performance Assessment in NHS Scotland, Health Economics Research Unit Policy Conference, September 2004.

Farrar S. Agency, expense preference and inefficiency: an empirical investigation. Paper presented to Nordic Health Economists Study Group, University of Iceland, Reykjavik, Iceland, August 2004.

Farrar S, Mckee L. The Performance Assessment Framework: experiences and perceptions NHSScotland, Performance Assessment Steering Group, Edinburgh, February 2004.

Farrar S. Hospital inefficiency and expense preference behaviour. International Health Economics Association, San Francisco, June 2003.

Farrar S, Ryan M, Ford J. Factors determining doctors' decisions to admit patients to hospital for elective treatment. International Health Economics Association, York, June 2001.

Farrar S. Priority setting: an application of conjoint analysis. 7th International Conference on Systems Science in health Care, Budapest, May, 2000.

Farrar S. Conjoint analysis and priority setting. Dumfries and Galloway Health Board priority setting workshop, Lockerbie, May, 2000.

Farrar S. Economics and Priority Setting. British Council funded workshop on Health Care Systems: Financing and Governance, Nankai University, Tianjin, China, April, 2000.

Farrar S. The hospital dual hierarchy: an empirical investigation. Scottish Doctoral Programme Meeting, Peebles, January, 2000.

Farrar S, Ryan M, Ludbrook A, Ross D. Priority setting: an application of conjoint analysis. Faculty of Public Health Medicine Conference and Symposium, Edinburgh, November, 1999.

Farrar S. Economics of the UK Health System. British Council funded workshop on Health Care systems, Nankai University, Tianjin, China, July, 1999.

Farrar S. Investigating the hospital dual hierarchy. UK Health Economists' Study Group, University of Birmingham, Sheffield, January, 1999.

Farrar S, Ross D, Ryan M and Ludbrook A. Prioritisation of clinical service development in a teaching hospital: an application of conjoint analysis. Second International Conference on Priorities in Health Care, London, 1998.

Farrar S. Hospitals as profit maximisers: as if! UK Health Economists' Study Group, University of Sheffield, January, 1998.

Farrar S. Hospitals and the economics of industrial organisation. Scottish Doctoral Programme Meeting, Crieff, January, 1996.

Ryan M and Farrar S. Using conjoint analysis to elicit users preferences for orthodontic services. UK Health Economists' Study Group, University of Bristol, January, 1995.

Farrar S. HERU Experience with SNAP. SNAP/HERU Workshop, Priority Setting in Purchasing: Needs Assessment and Health Economics in Tandem, Glasgow Western Postgraduate Medical Centre, April 1994.

Farrar S. Economics, Public Health and Purchasing: eliciting community values. Faculty of Public Health Annual Scottish Conference, November 1993.

Farrar S. Economic principles in needs assessment. The First HERU Policy Conference, Priority Setting by Health Boards, March 1993.

Farrar S and Donaldson C. Informing purchasers in the UK NHS: an economic approach. Second European Conference on Health Economics, Paris, December 1992.

Farrar S. Resource management: an economic view. Paper presented to UK Health Economists' Study Group, University of St. Andrews, June 1992.

Farrar S. Priority setting in health care: an economic approach to needs assessment. Department of Public Health Medicine seminar series, Ninewells Hospital and Medical School, Dundee, April 1992.

Mooney G and Farrar S. Promoting economic analysis in needs assessment and priority setting. Paper presented to UK Health Economists' Study Group, University of Sheffield, January 1992.

Funded Grants

Farrar, S, Chalkley, M, Gerdtham, U. Payment by Results: Key Outcomes and Variations across HRGs, Providers and Patients in 2006/7 and 2007/8. £290,000. July 2008 - March 2010.

Professor H Davies (School of Management, University of St Andrews), Dr B Guthrie, Dr B Williams, Professor A Morris, Professor F Sullivan (University of Dundee), Professor M Sutton (HERU), Professor P Boyle, Dr A Green (University of St Andrews), Dr S Farrar, Dr K Smith (University of Dundee), Dr C Baker (Dumfries & Galloway Managed Clinical Networks for Coronary Heart Disease), Dr R Rushmer (University of St Andrews). Delivering health care through managed clinical networks (MCNs): lessons from the North. NHS SDO R and D Programme. £300,000. October 2005 – October 2008

Professor L McKee (Health Services Research Unit), Dr V Entwistle (Social Dimensions of Health Institute, University of Dundee), Professor S Harrison (Professor of Social Policy & Head of Governance, University of Manchester), Dr S Farrar. Criteria and methods for evaluating public involvement in NHS service planning. Scottish Executive Health Department. £64,000. January 2005 – July 2006

Dr S Farrar, Mr A Munro (HERU), Professor A Scott (Melbourne Institute of Applied Economic and Social Research, University of Melbourne), Professor M Chalkley (Head of Department of Economic Studies, University of Dundee), Mr J Sussex, Mr P Yuen, Mr A Towse (Office of Health Economics, London). National Evaluation of Payment by Results. Department of Health, England. £230,000. December 2004 - June 2007.

Dr S Farrar. Funding for Performance Assessment in NHS Scotland Health Economics Research Unit Policy Conference. Directorate of Performance Management and Finance, Scottish Executive Health Department. £3,500. September 2004.

Professor R Elliot, Dr A Scott, Dr D Skatun, Dr S Farrar, Ms M Napper. The impact of local labour market factors on the organisation and delivery of health services. NHS Service Delivery and Organisation R&D Programme. £50,000. July 2003 - November 2003.

Ms S Farrar, Dr F Harris, Professor L McKee (Department of Management Studies and Health Services Research Unit), Dr A Scott. The Performance Assessment Framework: experiences and perceptions of NHS Scotland. Scottish Executive Health Department. £65,000. June 2003 - December 2003.

Dr J Coast, Dr J Brown (University of Bristol), Professor D Cohen (University of Glamorgan), Ms L Davies (University of York), Ms S Farrar, Dr P Davey (University of Dundee), Ms R Baker (University of Newcastle). Interaction of utility functions in health care decision making. MRC, HSRC Initiation Grant. £4,950. January 2001- January 2002.

Dr B Wilson, Dr S Watson (Department of Public Health), Dr N Haites (Department of Medical Therapeutics), Dr L Walker (Department of Mental Health and Surgery), Professor A Grant (Health Services Research Unit), Ms S Farrar, Dr J Gray, Dr A Clarke (Department of Medical Genetics, University of Wales). Improving the referral process for familial breast cancer genetic counselling: an evaluation of complementary interventions. NHS R&D Health

Technology Assessment. £391,783. February 1998 - October 2003. (Handed responsibility for health economics input to Sarah Wordsworth in 2000.)

Dr P Ashok, Professor A Templeton (Department of Obstetrics and Gynaecology), Dr G Flett (Consultant in Family Planning and Reproductive Health), Dr W Graham (Dugald Baird Centre for Research on Women's Health), Ms S Farrar. A randomised controlled trial of medical abortion versus surgical aspiration for termination of pregnancy at 9-13 weeks. Scottish Office, Chief Scientist Office Health Services and Public Health Research Grant. £73,389. June 1998 - December 2000.

Professional activities

Member of NIHR Service Delivery and Organisation SDO Programmes 'Commissioning & Diverse Providers' commissioning group. 2007-present.

Academic member of panel to advise Department of Health Wales on development of activity based funding. 2007-2008.

Member of International Expert Panel advising Department of Health and Care Services. Norway on Health Care Reform Programme. December 2008.

Reviewing/Refereeing for Journals and Grants

Journals

Health Economics

Journal of Health Economics

Social Science and Medicine

Health Policy

Pharmacoeconomics

Grant Giving Bodies

Medical Research Council

Department of Health

NIHR Service Delivery and Organisation

British Council

Teaching and other activities

University of Aberdeen

HERU Distance Learning Course

Lecturer	2000/1-present
Module Coordinator	2002/3- present
Scottish Tutor	2002/3-2006/7
Hong Kong Course Co-ordinator and Tutor	2000-2001
Member of Board of Studies, University of Hong Kong	2001-2003
International Tutor	2000/1-2003/4

MSc in Health Services and Public Health Research
Health Economics Module

Lecturer	1996/97- 2006/7
Module co-ordinator and lecturer	1998/99 - 2000/01

MA in Economics

Health Economics Module

Joint course co-ordinator and lecturer	1999/2000
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Lecturer	1995/96-1998/99
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BSc in Medical Sciences

Medicine and Economics Module

Lecturer	2005/06- 2006/7
PhD Supervisor (primary)	Oct 2006
PhD advisor	2004/05-present
Scottish Council for Postgraduate Medical and Dental Education	
Intensive Research Course	
Lectures and discussion sessions	1995-1999
Robert Gordon University (whilst employed at UoA)	
MSc in Health Promotion	
Lectures in Economics of Health Promotion	1996/97 - 1998/99

Referees

Professor Robert Elliot
 Director of the Health Economics Research Unit (HERU) and Professor of Economics
 University of Aberdeen
 Institute of Applied Health Sciences
 Polwarth Building, Foresterhill
 Aberdeen
 AB25 2ZD
 01224 552783

Professor Cam Donaldson
 Health Foundation Chair in Health Economics
 Centre for Health Services Research
 University of Newcastle upon Tyne
 21 Claremont Place
 Newcastle upon Tyne
 NE2 4AA
 0191 2225114

Professor Alan Maynard
 Department of Health Sciences
 First Floor, Area 2
 Seebohm Rowntree Building
 University of York
 York
 YO10 5DD
 01904 321333

Professor Lorna McKee
 Programme Director - Delivery of Care and Professor of Management
 Health Services Research Unit
 University of Aberdeen
 Institute of Applied Health Sciences
 Polwarth Building, Foresterhill
 Aberdeen
 AB25 2ZD
 01224 559815