

## CURRICULUM VITAE - ANTHONY SCOTT

### Summary

Tony is a Professorial Fellow at the Melbourne Institute of Applied Economic and Social Research at the University of Melbourne. He has established and leads the Health Economics Research Programme at the Institute and is a member of Centre for Micro-econometrics in the Department of Economics. He is an Adjunct Professorial Fellow in the School of Population Health and in the Australian Health Workforce Institute at the University of Melbourne, and an Honorary Professor in the Health Economics Research Unit at the University of Aberdeen.

Tony has a PhD in Economics from the University of Aberdeen and has 250 publications and presentations, including 60 peer reviewed journal articles, 52 working papers and reports, nine keynote presentations, 55 peer reviewed conference presentations, and 46 invited presentations and seminars. Journal articles span high quality academic and policy-oriented journals in health economics, economics and health services research, including the *Journal of Health Economics*, *Health Economics*, *Social Science and Medicine*, *Journal of Economic Behaviour and Organisation*, *British Medical Journal* as well as leading primary care journals such as the *British Journal of General Practice and Family Practice*. He has edited a book, *Advances in Health Economics*, and authored a chapter in the Elsevier *Handbook of Health Economics*, the leading international reference work in Health Economics.

He has contributed to health economics in a number of areas. Applied areas of research include the economics of primary health care, financing and organisation of health care, health professionals' labour markets, and patients' preferences for health care services. He has a particular interest around behaviour and incentives for health care providers and the efficiency of the health care system. Methodological interests include applied micro-econometrics and discrete choice experiments.

Until he joined the Melbourne Institute in April 2005, he worked for 11 years at the Health Economics Research Unit at the University of Aberdeen, where he established and directed a research programme. He was involved in a number of studies and consultancies for the UK Health Department involving the labour markets and payment contracts of health professionals, including a review of NHS labour markets, advice on resource allocation formulae, new contracts for GPs and hospital doctors, and research into job satisfaction, regional pay in the National Health Service, and the national evaluation of casemix based funding for hospitals. This work involved substantial interaction with the health service and policy makers.

In Australia, Tony is Deputy Chair of the NHMRC's Policy and Practice Research Advisory Group, and was a member of the NHMRC Prevention Working Group and the Committee of the NSW Health Department's Capacity Building Infrastructure Grants Programme. He is also a consultant with the Sax Institute. Since his arrival in Australia in April 2005, he has secured research funding from the ARC, NHMRC, Department of Human Services (Victoria), the Department of Health and Ageing, the Australian Divisions of General Practice, and the Australian Primary Health Care Research Institute, for a total of almost \$3.1m. This includes the MABEL (Medicine in Australia: Balancing Employment and Life) survey, Australia's first longitudinal survey of doctors.

## PERSONAL DETAILS

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**Date of Birth:** 12/11/67

## EDUCATION AND QUALIFICATIONS

- 1995 to 2000      **PhD (Economics)**, University of Aberdeen  
Topic: *Agency and incentives in General Practice*.  
Examiners: Alan Maynard and Hugh Gravelle
- 1989 - 1990      **MSc. (Health Economics)**, University of York
- 1986 - 1989      **BA (Hons) Economics**, Newcastle upon Tyne Polytechnic

## EMPLOYMENT HISTORY

- From May 2004      Professorial Fellow, Melbourne Institute of Applied Economic and Social Research, The University of Melbourne
- April 1994 to April 2005      Reader, Health Economics Research Unit, University of Aberdeen (previously, Senior Research Fellow, and Research Fellow)
- Jan to April 1994      Research Associate, Department of Epidemiology and Public Health, University of Newcastle
- Feb 1991 to Dec 1993      Research Officer, Centre for Health Economics Research and Evaluation, University of Sydney
- Oct 1990 to Jan 1991      Research Fellow, Centre for Health Economics, University of York.

## AFFILIATIONS / HONORARY APPOINTMENTS

- April 2008      Adjunct Professorial Fellow, Australian Health Workforce Institute, The University of Melbourne
- January 2006      Honorary Professor, Health Economics Research Unit, University of Aberdeen.
- October 2005      Adjunct Professorial Fellow, School of Population Health, The University of Melbourne.
- May 2004      Member, Centre for Micro-econometrics, University of Melbourne.
- Jan 2002 to Jan 2005      Research Co-ordinator (Health), Scottish Economic Policy Network

Dec 2001 to April 2005

Associate Member, Centre for European Labour Market Research (CELMR), University of Aberdeen.

### MEMBERSHIP OF PROFESSIONAL BODIES

Australian Health Economics Society  
Economic Society of Australia  
Health Economists' Study Group (UK).  
International Health Economics Association

### BIBLIOGRAPHY

#### **Refereed Journal Papers**

##### ***Submitted***

Goodall S., Scott A. Is Hospital Treatment in Australia Inequitable? Evidence from the HILDA Survey. **Economic Record**.

Bell D., Elliott RF., Scott A. The earnings consequences of moving between the public and private sectors in Great Britain. **Journal of Labour Economics**

Ikenwilo D., Elliott RF, Skatun D., Scott A. Solving regional doctor shortages: is greater regional pay flexibility the answer? **Journal of Health Services Research and Policy**

Scott A., Ikenwilo D. What do public sector workers value about their jobs? Comparison of job satisfaction and discrete choice experiments. **British Journal of Industrial Relations**

##### ***Revise and re-submit***

Seymour J., McNamee P., Scott A., Tinelli M. Shedding new light onto the ceiling and floor? A quantile regression approach to compare EQ-5D and SF-6D responses. **Health Economics**

Scott A., Coote B. Do Regional Primary Care Organisations Influence Primary Care Performance? A Dynamic Panel Estimation. **Health Economics**

##### ***Accepted for publication***

1. Wiseman V, Scott A, Conteh L, McElroy B & Stevens W. Determinants of provider choice for malaria treatment: experiences from The Gambia. **Social Science and Medicine** (accepted January 2008)

2. Witt J., Scott A., Osborne R. Designing Choice Experiments with Many Attributes. An Application to Setting Priorities for Orthopaedic Waiting Lists. **Health Economics** (accepted June 2008)

##### ***Published***

3. Clarkson JE , Turner S, Grimshaw JM, Ramsay CR, Johnston M, Scott A, Bonetti B, Tilley CJ, MacLennan G, Ibbetson R, MacPherson LMD and Pitts NB. Changing clinicians' behavior: a randomized controlled trial of fees and education. **Journal of Dental Research**, 2008; 87, 640-644.

4. Nacerella L., Southern D., Furler J., Scott A., Young D., Sverissen H., Waters L. Primary care funding and organisational policy options and implications: A narrative review of evidence from five comparator countries. **Medical Journal of Australia**, 2008;188:S73-S76.
5. Bond, C, Jaffray, M, Watson, M, Bissell, P, Anderson, C, Scott, A, Lee, A, Blenkinsopp, A, Tinelli, M, Avery, A, Krska, J, Hannaford, P. The MEDMAN study: a randomised controlled trial of community pharmacy-led medicines management for patients with coronary heart disease. **Family Practice** 2007;24:189-200
6. Tinelli M., Scott A., Bond C. The costs of a community pharmacist-led medicines management service for patients with coronary heart disease (CHD). **Pharmacoeconomics** 2007; 25; 397-411
7. Ikenwilo D., Scott A. The effect of pay and job satisfaction on the labour supply of hospital consultants. **Health Economics** 2007;16:1303-1318.
8. Wiseman V., Scott A., McElroy B., Conteh L., Stevens W. Determinants of bed net use in The Gambia: implications for malaria control. **American Journal of Tropical Medicine and Hygiene** 2007;76:830-836.
9. Scott A., Bond C., Inch J., Grant A. The preferences of community pharmacists for extended roles in primary care. A survey and discrete choice experiment. **Pharmacoeconomics** 2007;25;783-792.
10. Naccarella L., Southern D., Furler J., Scott A., Prosser L., Young D., Swerissen H., Waters E. Reforming primary care in Australia: a narrative review of the evidence from five comparator countries. **Australian Journal of Primary Health** 2007;13;38-45.
11. Ikenwilo D., Scott A., French F. What influences the job satisfaction of staff and associate specialist hospital doctors? **Health Services Management Research** 2007;20;153-161.
12. Scott A., Coote W. Whither Divisions of General Practice? An Empirical and Policy Analysis of the Impact of Divisions within the Australian health care system. **Medical Journal of Australia** 2007;187;95-99.
13. Bell DE., Elliott RF., Ma A., Scott A., Roberts E. The pattern and evolution of geographic wage differentials in the public and private sectors of Great Britain. **Manchester School** 2007;75:386-421.
14. Bond CM., Fish A., Porteus TH., Reid J., ScottA., Antonazzo E. A randomised control study to quantify the benefits of community pharmacist interventions on the long term prescribing of cardiovascular drugs in General Practice. **International Journal of Pharmacy Practice** 2007;15:39-46
15. Elliott., Ma A., Scott A., Bell D., Roberts E. Geographically differentiated pay for nurses in the NHS. **Journal of Health Economics** 2007;26:190-212.
16. Ma A, Roberts E, Elliott RF, Bell DNF, Scott A. Comparing the NES and LFS: An analysis of the differences between the data sets and their implications for the pattern of geographical pay in the UK. **Regional Studies** 2006;40:645-665
17. Scott A., Gravelle H., Simoens S., Sibbald B., Bojke C. Job satisfaction and quitting intentions. A structural model of British General Practitioners. **British Journal of Industrial Relations** 2006;44: 519-540.
18. French F, Andrew J, Awramenko M, Coutts H, Leighton-Beck L, Mollison J, Needham G, Scott A, Walker K. Why do work patterns differ between men and women GPs? **Journal of Health Organisation and Management**, 2006;20:163-172.
19. Scott A., Wordsworth S., Sullivan F., Heaney D. An extra pair of hands? An evaluation of salaried payment for GPs in Scotland. **Primary Health Care Research and Development** 2006;7:165-171

20. Mavromaras K., Scott A. Promotion to hospital consultant: regression analysis using NHS administrative data. **British Medical Journal**, 2006;332:148-151\*
21. Inch J., Bond C., Lee A., Scott A., Grant A. Scottish Community Pharmacists' current involvement in and attitudes towards 'extended service' provision: a national survey. **International Journal of Pharmacy Practice**, 2005;13:289-301
22. Mavromaras K., Scott A. Promotion to hospital consultant in NHS Scotland. **International Journal of Manpower**, 2005;26:660-672\*
23. Simeons S., Scott A. Voluntary or compulsory health care reform? The case of primary care organisations in Scotland. **Health Policy**, 2005;72:351-358
24. Hamilton K., Wyke S., Sullivan F., Scott A., Taylor R., Ikenwilo D. A Managed Clinical Network for Cardiac Services: set-up, operation and impact on patient care. **International Journal of Integrated Care**, 2005;5:1-15.
25. Elliott R.F, Bell, D, Scott A, Ma A and Roberts E. Devolved government and public sector pay reform: considerations of equity and efficiency. **Regional Studies**, 2005;39:519-540.
26. French F., Andrew J., Awramenko M., Coutts H., Leighton-Beck L., Mollison J., Needham G., Scott A., Walker K. General Practitioner Non-principals benefit from flexible working. **Journal of Health Organisation and Management**, 2005;19:5-15.
27. Simeons S., Scott A. Integrated primary care organisations: to what extent is integration occurring and why? **Health Services Management Research**, 2005;18:25-40.
28. Skatun D., Scott A., Elliott R., Antonazzo E. The supply of qualified nurses: a classical model of labour supply. **Applied Economics**, 2005;37:57-66
29. Wordsworth S., Skatun D., Scott A., French F. Preferences for general practice jobs: a survey of principals and non-principals. **British Journal of General Practice**, 2004;54: 740-746.
30. Scott A., Simoens S., Heaney D., O'Donnell C.A., Thomson H., Moffat K.J., Ross S., Drummond N. What does GP out of hours care cost ? An analysis of different models of out of hours care in Scotland. **Scottish Medical Journal** 2004;49:61-66.
31. French FH., Andrew JE., Awramenko M., Coutts H., Leighton-Beck L., Mollison J., Needham S., Scott A., Walker KA. Consultants in NHS Scotland: a survey of work commitments, remuneration, job satisfaction and retirement plans. **Scottish Medical Journal** 2004;49:47-52
32. Ubach C., Scott A., French F., Awremenko M., Needham G. What do hospital consultants value about their jobs? A discrete choice experiment. **British Medical Journal** 2003;326:1432
33. Antonazzo E., Scott A., Skatun D., Elliott R. The labour market for nursing: a review of the labour supply literature. **Health Economics** 2003;12:465-478
34. Thomson H., O'Donnell C., Heaney D., Moffat K., Ross S., Scott A., Drummond N. Unity or diversity? Recent developments in the organisation of out of hours general medical services in Scotland. **Primary Health Care Research and Development** 2003;4:193-205.
35. Simoens S., Scott A. How are Scottish integrated primary care organisations managed? **Journal of Health Organisation and Management** 2003;17:25-36.
36. Scott A., Watson M.S., Ross S. Eliciting preferences of the community for out of hours care provided by general practitioners: a stated preference discrete choice experiment. **Social Science and Medicine** 2003; 56; 803-814

37. Simoens S, Scott A, Sibbald B. Job satisfaction, work-related stress and intentions to quit of Scottish GPs. **Scottish Medical Journal** 2002, 47(4) 80-86
38. Wordsworth S., Scott A. Evaluation of GP ultrasound: is it worthwhile? **Journal of Public Health Medicine** 2002, 24: 88-94.
39. Scott A. Identifying and analysing dominant preferences in discrete choice experiments: an application in health care. **Journal of Economic Psychology** 2002, 23: 383-398
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41. Scott A. For love or money? What makes us tick and leads to better health care. **Journal of Health Services Research and Policy**, 2002;7: 184-185
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44. Scott A. Eliciting GPs' preferences for pecuniary and non-pecuniary job characteristics. **Journal of Health Economics** 2001;20: 329-347.
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46. Simoens S., Gordon C., Scott A. Evaluating the effect of new hospital specialties on GP prescribing costs. **Health Policy** 2000: 52; 171-178.
47. Miller P., Craig N., Scott A., Walker A., Hanlon P. Measuring progress towards a primary care led NHS. **British Journal of General Practice** 1999;49:541-545.
48. Scott A., Wordsworth S. The effects of shifts in the balance of care on general practice workload. **Family Practice** 1999;16:12-17.
49. Scott A., Vick S. Patients, doctors and contracts: an application of principal-agent theory to the doctor-patient relationship. **Scottish Journal of Political Economy** 1999;46:111-134.
50. Vick S, Scott A. Agency in health care. Examining patients' preferences for attributes of the doctor-patient relationship. **Journal of Health Economics** 1998;17:587-606.
51. Scott A., Currie N., Donaldson C. Evaluating innovation in general practice: a pragmatic framework using programme budgeting and marginal analysis. **Family Practice** 1998;15: 216-222.
52. Scott A, Vale L. Increased general practice workload due to a primary care led NHS: the need for evidence to support rhetoric. **British Journal of General Practice** 1998;48; 1085-1088.
53. Scott A, Shiell A. Analysing the effect of competition on general practitioners' behaviour using a multilevel modelling framework. **Health Economics** 1997;6(6):577-588.
54. Scott A, Shiell A. Do fee descriptors influence treatment choices in general practice? A multilevel discrete choice model. **Journal of Health Economics** 1997;16(3):323-342.
55. Scott A. Evaluating innovation in general practice: an economic framework. **Education for General Practice** 1996;7(3): 213-220.

56. Scott A. Primary or secondary care? What can economics contribute to evaluation at the interface? **Journal of Public Health Medicine** 1996; 18(1): 19-26.
57. Scott A, Shiell A, King M. Is General Practitioner decision making influenced by patient socio-economic status? **Social Science and Medicine** 1996; 42(1): 35-46.
58. Scott A, Parkin D.W. Investigating hospital efficiency in the new NHS: the role of the translog cost function. **Health Economics** 1995; 4: 467-478.
59. Scott A, Hall J. Evaluating the effects of GP remuneration: problems and prospects. **Health Policy** 1995; 31: 183-195.
60. Scott A, Smith R.D. Keeping the customer satisfied: issues in the interpretation and use of patient satisfaction surveys. **International Journal for Quality in Health Care** 1994; 6(4): 353-359.
61. Scott A. A cost analysis of early discharge and domiciliary visits versus standard hospital care for low risk obstetric clients. **Australian Journal of Public Health** 1994; 18(1):96-100.
62. Scott A, Shiell A, Farnworth M.G. The value of early discharge: dispelling some myths. **Health Policy** 1993; 26:81-91.

### **Other Journal Papers**

#### **(editorials, letters, non-refereed papers and published conference abstracts)**

63. Scott A. The productivity of the health workforce. **Australian Economic Review**, 2006;39:312-317.
64. Scott A., Elliott R., Ikenwilo D., Skatun D. Bell D., Roberts E. Does Regional Pay Solve Doctor Shortages. Implications for the cross national mobility of health professionals. **European Journal of Health Economics**, 2006;(suppl) (Published abstract).
65. Bell D., Elliott R.F., Scott A., Ma A., Roberts E. Devolved government and public sector pay setting. **Regional Studies**, 2003, 17-22 (published conference abstract).
66. Grant A.M., Bond C., Inch J., Scott A. Examining alternatives for the remuneration of community pharmacy. **International Journal of Pharmacy Practice**, 2003;11(suppl): R9 (published abstract).
67. Scott A., Simoens S. Is it time LHCCs started throwing their weight around? **Primary Care Report**, 2002;4(16):36-39.
68. Scott A., Mavromaras K., Elliott R.F. Predicting the future supply and demand of the medical workforce: a shot in the dark? **European Journal of Health Economics** 2002;3 (Supplement). Published Abstract.
69. Fish A., Antonazzo E., Reid J.P., Bond C.M., Porteous T.H., Scott A. A randomised controlled study to quantify the benefits of community pharmacist interventions on the prescribing of cardiovascular drugs in general practice. **International Journal of Pharmacy Practice**, 2001;9(suppl): R26 (published abstract).
70. Scott A. Commentary on: Hillman A.L. et al. Financial incentives and feedback did not improve physician compliance with cancer screening guidelines. **Evidence-Based Health Care** 1999;3:49.
71. Scott A., Scott S., Donaldson C. Programme budgeting and marginal analysis: pragmatism and policy. **Journal of Health Services Research and Policy** 1999;1;1-2. (editorial)

72. Wordsworth S., Ryan M., Donaldson C., Scott A. New labour, new NHS charges? **New Economy**, 1998; 5; 196-201.
73. Scott A., Donaldson C., Wordsworth S. A framework for priority setting. **British Medical Journal** 1997; 314: 980 (letter)
74. Scott A., Wordsworth S., Donaldson C. Future threats to the NHS: dispelling some myths. **British Journal of Health Care Management** 1996;2: 541-543.
75. Smith R.D., Scott A. The economic impact of chronic fatigue syndrome. (letter) **Medical Journal of Australia** 1993: 158;286.
76. Scott A, Shiell A. **The influence of fee descriptors and general practitioner supply on treatment choices in general practice.** In: Selby Smith C. (ed) Economics and Health: Proceedings of the fifteenth Australian Conference of Health Economists. Faculty of Commerce, Economics and Management, Monash University, 1994.
77. Scott A. Commentary on; Connelly L. **A cost-effectiveness study of alternative measures for preventing the Wernicke-Korsakoff Syndrome.** In: Selby Smith C. (ed) Economics and Health: Proceedings of the fifteenth Australian Conference of Health Economists. Faculty of Commerce, Economics and Management, Monash University, 1994.
78. Scott A, King M, Shiell A. **Factors influencing decision making in general practice: the feasibility of analysing secondary data.** In: Doessel DP (ed). The General Practice Evaluation Program: the 1993 work-in-progress conference. AGPS, Canberra, 1993.

### Books and Monographs

79. Scott A., Wordsworth S. **Health Economics.** Masterclasses in Primary Care Research No.9. Royal College of General Practitioners: London. 2005
80. Scott, A., Maynard A., Elliott R.F. (eds) **Advances in Health Economics.** Wiley: Chichester, 2002.
81. Scott A., Gillespie G., Major K., Morris S. **Pay in the NHS: an evidence-based policy?** Scottish Economic Policy Network, 2003.
82. Miller P., Scott A., Craig N., Walker A., Hanlon P. **Understanding the shifts between primary and secondary care in Scotland and implications for future policy.** Scottish Needs Assessment Programme, Scottish Forum for Public Health Medicine, May 1997.
83. Wordsworth S., Donaldson C., Scott A. **Can we afford the NHS?** Institute for Public Policy Research, London, 1996.

### Book chapters

84. Scott A., Jan S. Primary care. In: Smith P., Glied S. (eds) **Oxford Handbook of Health Economics.** Oxford University Press: Oxford. (forthcoming 2009).
85. Scott A., Ubach C., French F., Needham G. Examining the preferences of health care providers. An application to hospital consultants. In: Ryan M., Gerard K, Amaya-Amaya M. **Using discrete choice experiments to value health and health care.** Springer: Dordrecht, 2008.
86. Sibbald B., Laurant M., Scott A. Changing task profiles. In: Saltman R., Rico A., Boerma W. (eds). **Primary care in the driver's seat? Organisational reform in European primary care.** Open University Press, Berkshire, 2006.

87. Maynard A., Scott A. Economic challenges in primary care. In: Scott, A., Maynard A., Elliott R.F. **Advances in Health Economics**. Wiley: Chichester, 2002.
88. Scott A., Farrar S. Incentives in health care. In: Scott, A., Maynard A., Elliott R.F. **Advances in Health Economics**. Wiley: Chichester, 2002.
89. Scott A. Understanding health care delivery: the economic contribution. In: Kernick D (ed). **Getting Health Economics into Practice**. Radcliffe Medical Press: Abingdon, 2002
90. Kernick D., Scott A. Economic evaluation of shifts between secondary and primary care. In: Kernick D (ed). **Getting Health Economics into Practice** Radcliffe Medical Press: Abingdon, 2002
91. Kernick D., Scott A. Economic considerations of skill mix. In: Kernick D (ed). **Getting Health Economics into Practice** Radcliffe Medical Press: Abingdon, 2002
92. Scott A. Health economics and patient choice. In: Edwards A., Elwyn G. **Evidence-based patient choice**, Oxford: Oxford University Press, 2001.
93. Scott A. Economics of general practice. In: Newhouse J.P., Culyer A.J. **Handbook of Health Economics**. North Holland, Amsterdam, 2000.
94. Scott A., Donaldson C. Clinical and cost-effectiveness issues in health needs assessment. In: Wright J. (ed.) **Health Needs Assessment in Practice**. BMJ Books: London, 1998.
95. Scott A., Shiell A. The use of multilevel analysis in health economics: an application to examining the effect of competition on general practitioners' behaviour. In: Zweifel P. (ed.), **Health, the Medical Profession and Regulation**, Kluwer Academic Publishers, Boston / Dordrecht, 1998.

## Working papers

96. Goodhall S., Scott A. **Is Hospital Treatment in Australia Inequitable? Evidence from the HILDA Survey**. Working Paper No. 05/08. Melbourne Institute of Applied Economic and Social Research. The University of Melbourne, 2008.
97. Witt J., Scott A., Osborne R. **Designing choice experiments with many attributes: an application to setting priorities for orthopaedic waiting lists**. Working Paper No. 24/06. Melbourne Institute of Applied Economic and Social Research. The University of Melbourne, 2006.
98. Scott A. **The productivity of doctors in Australia: the 'flat of the curve' and beyond?** Working Paper No. 19/05. Melbourne Institute of Applied Economic and Social Research. The University of Melbourne, 2005.
99. Antonazzo E., Scott A., Skatun D., Elliott R.F. **The labour market for nursing: a review of the labour supply literature**. Discussion Paper 01/00, Health Economics Research Unit, University of Aberdeen, 2000.
100. Simoens S., Scott A. **What determines integration in primary care? Theory and evidence**. Discussion Paper 04/99, Health Economics Research Unit, University of Aberdeen, 1999
101. Simoens S., Scott A. **Towards a definition and taxonomy of integration in primary care**. Discussion Paper 03/99, Health Economics Research Unit, University of Aberdeen, 1999
102. Scott A. **What do GPs value about their job? A national survey of GP's preferences for pecuniary and non-pecuniary job characteristics**. Discussion Paper 01/99, Health Economics Research Unit, University of Aberdeen, 1999.

103. Scott A, Watson S., Ross S., Torrance N. **Eliciting patients' preferences for different models of out of hours care.** Discussion Paper 04/98. Health Economics Research Unit, University of Aberdeen, 1998
104. Scott A. **Giving things up to have more of others. The Implications of limited substitutability for eliciting preferences in health and health care.** Discussion Paper 03/98, Health Economics Research Unit, University of Aberdeen, 1998.
105. Scott A. **Designing incentives for GPs: a review of the literature on their preferences for pecuniary and non-pecuniary job characteristics.** Discussion Paper 01/97, Health Economics Research Unit, University of Aberdeen, 1997.
106. Scott A. **Agency, incentives and doctor behaviour. The relevance of principal agent theory in designing incentives for GPs in the UK.** Discussion Paper 03/96, Health Economics Research Unit, University of Aberdeen.
107. Ryan M., Scott A., Farrar S., Shackley P., Vick S., McIntosh E. **Using conjoint analysis in health care: unresolved methodological issues.** Discussion Paper 02/96, Health Economics Research Unit, University of Aberdeen.
108. Vick S., Scott A. **What makes a perfect agent? A pilot study of patients' preferences in the doctor-patient relationship.** Discussion Paper 05/95, Health Economics Research Unit, University of Aberdeen.
109. Scott A. **Primary or Secondary care? What can economists contribute to evaluation at the interface.** Discussion Paper 02/95, Health Economics Research Unit, University of Aberdeen.
110. Scott A, Parkin D. **Investigating hospital efficiency in the new NHS: the role of the cost function.** Discussion Paper 05/94, Health Economics Research Unit, University of Aberdeen.
111. Scott A, Hall J. **Incentives for efficiency in general practice: theory and evidence.** Discussion Paper 18, Centre for Health Economics Research and Evaluation, 1993.
112. Scott A, Hall J. **Incentives for cost-effective general medical practice.** In: Doessel DP, editor. The General Practice Evaluation Program: The 1992 work-in-progress conference. AGPS, Canberra, 1993.
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114. Scott A, Cameron S, Kenny P, King M, Shiell A. **Evaluation of obstetric early discharge: economic evaluation.** Discussion Paper 12, Centre for Health Economics Research and Evaluation, 1992.
115. Cameron S, Kenny P, King M, Scott A., Shiell A. **Evaluation of obstetric early discharge: reasons for non-participation.** Discussion Paper 11, Centre for Health Economics Research and Evaluation, 1992.
116. Kenny P, Cameron S, King M, Scott A., Shiell A. **Evaluation of obstetric early discharge: client satisfaction.** Discussion Paper 10, Centre for Health Economics Research and Evaluation, 1992.
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120. Scott A. and Maynard A.K. **Will the new GP Contract lead to cost-effective medical practice.** Discussion Paper 82, Centre for Health Economics, University of York, 1991.
121. Scott A. and Maynard A.K. **Managing the GP Contract.** Medeconomics, April 1991.
122. Salkeld G. and Scott A. **Health care financing - current and future directions.** In Touch, Newsletter of the Public Health Association of Australia, 9(2), 1992.

### Final reports

123. Scott A., Schurer S. **A rapid literature review of the effects of financial incentives on the uptake of preventive care for children and adolescents.** Medicaid Evidence-Based Decisions Project. Centre for Evidence-Based Policy, Oregon Health and Science University, April 2008.
124. Farrar S., Sussex J., Yi D., Sutton M., Chalkley M., Scott A., Ma A., Yuen P. **National Evaluation of Payment by Results.** Final Report to the Department of Health, November 2007
125. Scott A., Jong J., Freebairn J., Leahy A. **Towards an integrated health care system. Some pragmatic options for the reform of the Australian health care system.** Final Report to the Chifley Research Centre, 2007.
126. Scott A., Coote B. **The Value of the Divisions Network. An Evaluation of the Effect of Divisions of General Practice on Primary Care Performance.** Report No. 8. Melbourne Institute of Applied Economic and Social Research, The University of Melbourne, March 2007.
127. Scott A., Yong J., Witt J, Palangkaraya A. **Preparatory work for research on the determinants of the decline in CVD mortality in Australia.** Final Report to Department of Health and Ageing. Melbourne Institute of Applied Economic and Social Research, The University of Melbourne, 2006.
128. Scott A., Yong J. **The supply and distribution of health professionals.** Final Report to Department of Human Services, Victoria, June 2005.
129. Clarkson J., Pitts N., Grimshaw J., Johnston M., Rennie J., Ibbetson R., Sullivan F., Scott A., Ramsay C., MacPherson L., Evans D., Humphreys E., Southwick C., Murray M. **The effect of remuneration and education on the implementation of research evidence to reduce inequalities in health.** Final Report to Chief Scientist Office. University of Dundee, 2005.
130. Elliott, R. F., Skatun, D., Ikenwilo, D., Scott, A, Bell, D., and Roberts, E. **Regional Pay for NHS medical and non-medical staff.2005.** Report to Department of Health, 2005.
131. Pitts NB., Bain J., Curnow M., Higginson P., Lawrence A., Longbottom C., MacRitchie H., Martin D., Nugent Z., Radord J., Robertson M., Scott A., Thomas D. **Development and Evaluation of Generalisable Evidence-Based Targeted Caries Prevention for Pre-School Children by Integrated Primary Care Teams (GETCaPPP).** Final Report to NHS R&D Dental Research Programme, 2005.

132. Farrar, S. Harris, F, McKee, I, Scott A. **The Performance Assessment Framework: experiences and perceptions of NHSScotland.** A Report to the Analytical Services Division, Directorate of Performance Management and Finance, Scottish Executive Health Department, March 2004.
133. Bond C., Scott A., Grant J., Inch J. **Examining alternatives for the remuneration of community pharmacy.** Final report to the Scottish General Pharmaceutical Council Research Trust. Health Economics Research Unit, University of Aberdeen, 2003.
134. Wyke S., Baker C., Isles C., Scott A., Sullivan F., Taylor R. **The evaluation of the managed clinical network for cardiac services for Dumfries and Galloway.** Report to Scottish Executive. Scottish School of Primary Care 2003.
135. Elliott RF., Scott A., Napper M., Farrar S., Skatun D. **The impact of local labour markets on the organisation and service delivery of health services.** Final Report to the NHS R&D Service Delivery and Organisation Programme. Health Economics Research Unit, University of Aberdeen, 2003.
136. Elliot R., Mavromaras K., Scott A., Bell D., and der Pol M., Gerova V. **Labour markets and NHS Scotland.** Final Report to Scottish Executive, 2002.
137. Scott A., Simoens S., and Sibbald B. **GP job satisfaction in Scotland.** Report to Scottish Executive, 2002.
138. Heaney D., O'Donnell K., Scott A., Drummond N., Ross S., Moffat K. (Scottish Out of Hours Study Group). **A comparison of models of delivery of out of hours general medical services in Scotland.** Final Report to Scottish Executive, University of Edinburgh, 2001.
139. Abramovich D.A., Scott A., Graham W., Milne J., Duthie I. **Direct referral for menorrhagia through an outreach nurse: a feasibility study.** Final Report to Chief Scientist Office, Scottish Office Department of Health, 1999.
140. Scott A., Harrold T.E., Russell E.M. **Evaluation of Community Cardiology in Grampian.** Final Report to Grampian Health Board, January 2000.
141. Scott A., Harrold T.E., Russell E.M. **Evaluation of the Counties Group Community Rehabilitation Project.** Final Report to Grampian Health Board, December 1998.
142. Scott A., Wordsworth S. **Evaluation of a GP ultrasound service in Turriff.** Final Report to Grampian Health Board, December 1998.
143. Smith B.H., Scott A., Templeton A.A, Terry P.B. **Direct referral for laparoscopic sterilisation – establishment and evaluation.** Final Report to Scottish Office Department of Health. Department of General Practice, University of Aberdeen, January 1998
144. McPherson I., Bain N., Leighton Beck L., Garrat A., McKee L., Matheson C., Scott A. **Framework for Evaluation. Primary Health Care Development Fund.** Report to NHS Management Executive, September 1996.
145. Scott A., Wordsworth S. **Shifting the balance of care: the views of general practitioners.** Report to Grampian Health Board, November 1996.
146. Scott A., Currie N., Wordsworth S., Donaldson C. **A PBMA of asthma and diabetes care in the Nairn and Ardersier Total Fundholding Pilot Site. An evidence-based approach to decision making in primary care.** Report to Highland Health Board, November 1996.
147. Scott A., Vale L. **The effects of shifts in the balance of care on the workload of GPs: a systematic review of the literature.** Report to Grampian Health Board, August 1995.

148. Scott A. Cost function model. In: Parkin DW, McGuire A, Hughes D. (eds) **Economic models of health care in Europe: Volume 2**. Document 2026/NE, MEMPHIS Consortium, 1994.

### **Other publications in the public domain**

149. Scott A., Shields M., Borland J. Submission to Productivity Commission's review of the health workforce. University of Melbourne, July 2005.  
(<http://www.pc.gov.au/study/healthworkforce/subs/sublist.html>)

150. Elliott R., Scott A. **Written evidence to Scottish Parliament**. In: Health Committee, Reshaping the NHS? Workforce Planning in the National Health Service in Scotland, SP Paper 275, Health Committee 2nd Report, 2005

### **Invited plenary and keynote presentations**

151. Scott A. Member of expert panel discussion. Australian Financial Review Health Conference 2008: Aligning Policy with Funding Reality, Melbourne, June 2008.

152. Scott A. **Reforming the health care system. Old problems and untried solutions**. 16<sup>th</sup> Annual Public Seminar, Yarra Valley U3A, October, 2007.

153. Scott A. **The Value of the Divisions Network**. Plenary paper presented to the NSW Alliance of Divisions Conference, Sydney, May 2007.

154. Scott A. **The Value of the Network**. Plenary paper presented to the Annual General Practice Network Forum, Gold Coast, November 2006.

155. Scott A. **Funding hospitals. Competition or Co-operation?** Plenary paper presented to the Biennial Health Conference organized by the Department of Health and Ageing, University of New South Wales, Sydney, November 2006.

156. Scott A. **Physician productivity in Australia. The 'flat of the curve' and beyond?** Plenary paper presented to the 9<sup>th</sup> International Medical Workforce Collaborative Conference, Melbourne, November 2005.

157. Elliott R., Scott A. **Programmes and Policies to Redistribute Physicians to High Need Areas: the case of the UK**. Plenary paper presented to the 8<sup>th</sup> International Medical Workforce Conference, Washington DC, USA, October 2004.

158. Scott A. **Incentives in health care labour markets**. Keynote address. 25<sup>th</sup> Australian Health Economics Society Conference, Canberra, September 2003.

159. Scott A. **NHS Labour markets in Scotland**. HERU 25th Anniversary Policy Conference, University of Aberdeen, May 2002.

160. Scott A. **The future of General Practice in Europe: a health economics perspective**. Keynote presentation to the 16<sup>th</sup> National Congress of the Italian College of General Practitioners, Florence, December 1999.

### **Oral presentations at peer reviewed conferences**

161. Scott A., Joyce C., Humphreys J., Kalb G., Witt J., Jeon S., Leahy A. **Understanding the Dynamics of the Medical Workforce: The MABEL Longitudinal Survey of Doctors**. Berkeley

Global Health Workforce Conference. From Evidence-Based Research to Policy. University California, Berkeley, April 2008.

162. Witt J., Scott A., Shields. **Early career choices of nurses. Does relative pay matter?** Australian Health Economics Society, Brisbane, September 2007.

163. Scott A., Coote B. **Incentives and the quality of primary care in Australia: do regional primary care organisations make a difference?** Australian Health Economics Society, Brisbane, September 2007.

164. Scott A., Coote B. **Incentives and the quality of primary care in Australia: do regional primary care organisations make a difference?** International Health Economics Association, Copenhagen, July 2007.

165. Scott A., Coote B. **The Value of the Divisions Network. Evaluating the effect of Divisions on Primary Care Performance.** General Practice and Primary Health Care Conference, Sydney, May 2007.

166. Scott A., Elliott R., Ma A., Ikenwilio D., Skatun D. **Does regional pay solve doctor shortages? Implications for the cross national mobility of doctors.** Paper presented to the 6<sup>th</sup> European Conference on Health Economics, Budapest, July 2006.

167. Sivey P., Scott A. **The mobility of general practitioners in Scotland.** Paper presented at International Health Economics Association, Barcelona, July 2005.

168. Sivey P., Scott A. **The mobility of general practitioners in Scotland.** Paper presented at the UK Health Economists Study Group Meeting, Oxford, January 2005

169. Elliott R., Ma A., Scott A., Bell D., Roberts E. **Geographically differentiated pay for nurses.** Paper presented at the UK Health Economists Study Group Meeting, Paris, January 2004.

170. Ikenwilo D., Scott A., French F. **Consultants' Job Satisfaction and Intentions to Reduce Number of Contracted Sessions in NHS Scotland.** Paper presented at International Health Economics Association Conference, San Francisco, June 2003.

171. Ikenwilo D., Scott A., Awramenko M., Andrew J., Walker K. **Determinants of NCCG doctors' job satisfaction.** Paper presented at the UK Health Economists Study Group meeting, University of Kent at Canterbury, July 2003.

172. Scott A., Ikenwilo D., Ubach C., French F. **The value of job characteristics for hospital doctors: a comparison of a hedonic wage model and a discrete choice experiment.** Paper presented at International Health Economics Association Conference, San Francisco, June 2003

173. Ikenwilo D., Scott A., Awramenko M., Andrew J., Walker K. **Motivating GPs: results of a job satisfaction survey.** Paper presentation at the Nordic Health Economists Study Group meeting, Bergen, August 2003.

174. Ikenwilo D., Scott A., Awremenko M., Andrew J., Walker K. **Preferences for job characteristics: the case of non-consultant career grade doctors in the NHS.** Paper presented to the Health Economics Study Group, University of Leeds, 2003.

175. Skåtun D., Antonazzo E., Scott A. Elliott R.. **Attracting qualified nurses back into nursing: an econometric analysis of labour supply,** 7<sup>th</sup> Annual Conference of the Italian Health Economics Association, Bologna, September 2002 .

176. Scott A., Ikenwilo D., Ubach C. **Hospital consultants' preferences for job characteristics: a comparison of a discrete choice experiment with an analysis of the determinants of job satisfaction.** Paper presented to the Nordic Health Economics Study Group, Helsinki, August 2002.

177. Scott A., Mavromaras K., Elliott R.F. **Predicting the future supply and demand of the medical workforce: a shot in the dark?** Paper presented to the 4<sup>th</sup> European Conference on Health Economics, University of Paris V, Paris, July 2002.
178. Scott A., Simeons S., Gravelle H., Sibbald B., Bojke C. **Job satisfaction and intentions to quit amongst general practitioners.** Paper presented to Health Economics Study Group, Brunel University, July 2002.
179. Simeons S., Scott A., Sibbald B., Bojke C., Gravelle H. **Are Scottish GPs happier than English GPs? Job satisfaction, intentions to quit and retention of GPs in the UK.** Paper presented at the CSO Primary Care Research Conference, Crieff, April 2001.
180. Simeons S., Scott A. **Working together in primary care. An empirical study of the determinants of integration and co-operation within LHCCs.** Paper presented to CSO Primary Care Research Conference, Stirling, March 2001.
181. Heaney D (on behalf of Scottish Out of Hours Study Group). **A comparison of models of delivery of out of hours general medical services in Scotland.** Paper presented to CSO Primary Care Research Conference, Stirling, March 2001.
182. Scott A. **Valuing job characteristics in heavily regulated labour markets: an application to GPs in the National Health Service.** Paper presented to the joint Royal Economic Society / Scottish Economic Society Annual Conference, St. Andrew's University, 2000.
183. Scott A. **Evaluation of salaried payment for GPs in Scotland.** Workshop to ADEG General Practice Conference, Stirling, January 2000.
184. Scott A. **Giving things up to have more of others: analysing dominant preferences in discrete choice experiments.** Paper presented at the Nordic Health Economists' Study Group Meeting, Reykjavik, August 1999.
185. Sutton M., Major K., Walker A., Leyland A, Lock P., McElroy B., Scott A. **A lump of the purest green. Alchemy and the Arbutnott Review of resource allocation in Scotland.** Paper presented to the Health Economists' Study Group meeting, Aberdeen, July, 1999.
186. Gosden T., Sutton M., Scott A., Bowler I. **How do GPs choose their practice? Using conjoint analysis to estimate the strength of GP preferences for job characteristics.** Paper presented to the Health Economists' Study Group meeting, Aberdeen, July, 1999.
187. Scott A. **Establishing preferences for pecuniary and non-pecuniary job characteristics. How important is income in the utility function?** Paper presented to the International Health Economics Association, Rotterdam, June 1999.
188. San Miguel F., Scott A., Ryan M. **Testing the assumptions of completeness and stability of preferences in discrete choice experiments.** Paper presented to the International Health Economics Association, Rotterdam, June 1999.
189. Scott A. **Developing practical approaches to resource allocation in primary care.** Paper presented at the conference, 'Economic evaluation in primary care. Bridging the academic-practitioner gap', University of Exeter School of Postgraduate Medicine and Health Science, April, 1999.
190. Scott A., Vick S. **Patients, doctors and contracts: an application of principal agent theory to the doctor-patient relationship.** Paper presented to the Scottish Economic Society Annual Conference, Glasgow, April 1998.

191. Scott A. **Giving things up to have more of others. The Implications of limited substitutability for eliciting preferences in health and health care.** Paper presented to the ESRC sponsored conference, 'Decision making in theory and practice, Oxford, July 1998.
192. Scott A. **Giving things up to have more of others. The Implications of limited substitutability for eliciting preferences in health and health care.** Paper presented to Health Economists Study Group, Sheffield, January 1998.
193. Wordsworth S., Scott A. **Local or central pay for GPs?** Paper presented to Health Economists Study Group, Sheffield, January 1998.
194. Scott A., Vick S. **What do patients' value about the doctor-patient relationship? A survey in three Scottish Health Boards.** Paper presented to the Royal College of General Practitioners (Scottish Council) Annual Scientific Meeting, October 1997.
195. Scott A. **GPs' preferences for pecuniary and non-pecuniary job characteristics: theoretical model and implications for empirical work.** Paper presented to the Health Economists' Study Group, July 1997, University of York
196. Scott A., Wordsworth S., Donaldson C. **Using economics in a primary care led NHS: applying PBMA to GP fundholding.** Paper presented to the Health Economists' Study Group, July 1996, Brunel University.
197. Scott A. **Agency, incentives and doctor behaviour: what do we want doctors to do and how can we get them to do it?** Paper presented to the inaugural iHEA conference, Vancouver, 19th-23rd May 1996.
198. Scott A. and Vick S. **Communicating with patients: a pilot study of patients' preferences in the doctor-patient relationship.** Paper presented to the 1996 Spring Symposium of the Royal College of General Practitioners, Aberdeen, 12-14th April 1996/
199. Scott A., Shiell A. **A multilevel logit model of the effect of competition on general practitioners' behaviour.** Paper presented to the Third European Conference on Health Economics, Stockholm, 20-22nd August 1995.
200. Vick S., Scott A. **What makes a perfect agent? A pilot study of patients' preferences in the doctor-patient relationship.** Paper presented to the Third European Conference on Health Economics, Stockholm, 20-22nd August 1995.
201. Vick S., Scott A. **What makes a perfect agent? A pilot study of patients' preferences in the doctor-patient relationship.** Paper presented to the Health Economists' Study Group, University of Aberdeen, 5-7th July 1995.
202. Scott A. **Primary or Secondary care. What can economics contribute to evaluation at the interface?** Paper presented to the Faculty of Public Health Medicine Annual Scientific Meeting, Royal College of Physicians, Edinburgh, 29th-30th June 1995.
203. Scott A. **Evaluating innovation in general practice: some economic aspects.** Paper presented to the Postgraduate Adviser's Office Symposium, '*Innovations in general practice - projects in primary care in Grampian*', 16th March 1995.
204. Scott A. **Primary or Secondary Care? Economics and the interface between primary and secondary care.** Paper presented to the Health Economist's Study Group, University of Bristol, 5-7th January 1995.
205. Scott A. Parkin D. **Investigating hospital efficiency in the new NHS: the role of the translog cost function.** Third European Workshop on Econometrics and Health Economics, SESO, University of Antwerp, 28th-30th September 1994.

206. Scott A. Discussant of **Employing hospital doctors: a tentative exploration of options for change** by K. Bloor and A. Maynard. Health Economists Study Group, University of Newcastle-upon-Tyne, 5-7th July 1994.

### **Invited presentations and seminars**

207. Scott A., Jeon S., Joyce C., Humphreys J., Witt J., Leahy A. **MABEL: methods and results from an randomized trial of response mode.** Seminar to the Health Economics Collaboration, School of Public Health, University of Sydney, June 2008.

208. Scott A. **Making Hospitals Work. Chronic Problems and Untried Solutions.** Paper presented at Economic and Social Outlook Conference: New Agenda for Prosperity, The University of Melbourne, March 2008.

209. Scott A. **Incentives and the Quality of Primary Care in Australia. Do Divisions of General Practice Make a Difference?** Seminar to the Centre for Health Economics, Monash University, November 2007.

210. Scott A. **The Value of the Divisions Network. Evaluating the Effect of Divisions of General Practice and Primary Care Performance.** Seminar to the Centre for Health Economics Research and Evaluation, University Technology Sydney, May 2007.

211. Scott A. **Improving the productivity of the health workforce.** Paper presented to 'Making the boom pay' conference, University of Melbourne, November 2006.

212. Witt J, Scott A., Osborne R. **Designing DCEs with many attributes: an application to priority setting for orthopaedic waiting lists.** Seminar to Health Economics Research Unit, University of Aberdeen, July 2006

213. Witt J, Scott A., Osborne R. **Designing DCEs with many attributes: an application to priority setting for orthopaedic waiting lists.** Seminar to Health Economics Group, University of Newcastle, July 2006

214. Scott A. **Economic outcomes in systematic reviews.** Workshop on Assessing Complex Interventions in Cochrane Systematic Reviews. National Institute of Clinical Studies, Melbourne, May 2006.

215. Scott A. **Health care reform in Australia: big bang or damp squib?** Paper presented at the Melbourne Institute Public Economics Forum, Canberra, April 2006.

216. Scott A., Mavromaras K. **Incentives in medical careers.** School of Population Health Seminar, University of Melbourne, August 2005.

217. Elliott R., Ma A., Scott A., Bell D., Roberts E. **Geographically differentiated pay for nurses.** Department of Economics Seminar, University of Queensland, August 2005.

218. Scott A., Mavromaras K. **Incentives in medical careers.** Centre for Health Economics Seminar Series, Monash University, July 2005.

219. Scott A., Mavromaras K. **Incentives in medical careers.** Melbourne Institute Workshop series, Melbourne Institute of Applied Economic and Social Research, May 2005.

220. Scott A. **For love or money? Alternative methods of paying physicians.** Paper presented to conference on 'Sustaining Prosperity: New Reform Opportunities for Australia', Melbourne, 31st March to 1st April, 2005

221. Ikenwilo D., Scott A. **Labour supply and job satisfaction of hospital consultants.** Seminar to University of Newcastle Business School, University of Newcastle, February, 2005.
222. Sivey P., Scott A. **The mobility of general practitioners in Scotland.** Paper presented at the York Seminars in Health Econometrics, Centre for Health Economics, University of York, December 2004.
223. Elliott R., Ma A., Scott A., Bell D., Roberts E. **Geographically differentiated pay for nurses.** Paper presented at the Microeconometrics workshop, Department of Economics, University of Melbourne, May 2004.
224. Scott A. **An econometric analysis of nursing labour supply.** Econometrics Group, Centre for Health Economics, University of York, November 2001
225. Scott A. **NHS Labour markets.** Grampian Health Board Public Health Group, University of Aberdeen, February 2002
226. Scott A. **NHS Labour markets.** Department of Public Health, University of Aberdeen, February 2002
227. Scott A. **The economics of providing health services in remote and rural areas.** Seminar to Grampian Health Board – CPD for Public Health, January 2002.
228. Scott A. **An econometric analysis of nursing labour supply.** Department of Economics, University of Bergen, September 2001
229. Scott A. **Eliciting GPs preferences for pecuniary and non-pecuniary job characteristics.** Seminar to Centre for Health Economics Research and Evaluation, University of Sydney, May 2001.
230. Scott A. **Eliciting GPs preferences for pecuniary and non-pecuniary job characteristics.** Seminar to Department of Economics, University of Dundee, March 2001.
231. Scott A., Perez J., Ludbrook A., Godden D. **The economics of providing health services in remote and rural areas.** Seminar to Department of General Practice and Primary Care, University of Aberdeen, March 2001.
232. Scott A. **What do GPs value about work?** Seminar to Department of General Practice and Primary Care, University of Aberdeen, November 2000.
233. Scott A. **Evaluation of salaried payment for GPs in Scotland.** Seminar to Centre for Market and Public Organisation, Department of Economics, University of Bristol, October 2000.
234. Scott A. **Incentives in Health Care.** Discussant of three papers presented in an organised session. Royal Economic Society Conference, University of St. Andrews, 2000.
235. Scott A. **Evaluation of salaried payment for GPs in Scotland.** Seminar to Sheffield Centre for Health and Related Research, University of Sheffield, November 1999.
236. Scott A. **Estimating the monetary value of job characteristics using a discrete choice experiment.** Paper presented to the Scottish Doctoral Programme Methodology Conference, Peebles, January 1999.
237. Scott A. **Changing the way doctors are paid: the British experience.** Presented to the Summer School on Human Motivation in the Health Service, Santander, June 1998.
238. Scott A., Vick S. **Agency and the doctor-patient relationship.** Paper presented to the Scottish Doctoral Programme Methodology Conference, Crieff, January 1998.

239. Scott A., Vick S. **What do patients' value about the doctor-patient relationship? A survey in three Scottish Health Boards.** Paper presented to the Department of General Practice, University of Edinburgh, November 1997.
240. Scott A. **Evaluating innovation in primary care.** Paper presented to the Department of Public Health, University of Dundee, October 1997
241. Scott A. **Evaluating innovation in primary care.** Paper presented to the Community Group Seminar, University of Aberdeen, October 1997.
242. Scott A. **'Micro' PBMA in a Total Fundholding Pilot Site.** Paper presented to the workshop, 'PBMA. Tools for evidence-based decision making', Northern and Yorkshire NHS Executive R&D Directorate, University of Durham, 21<sup>st</sup> November 1996.
243. Ryan M. And Scott A. **Using economics to elicit community values III: conjoint analysis.** Community Group Seminar, 30th November 1995.
244. Baxter-Jones A. And Scott A. **Multilevel analysis.** Foresterhill Statisticians Group, 14th November 1995.
245. Scott A. and Vick S. **Communicating with patients: a pilot study of patients' preferences in the doctor-patient relationship.** Seminar to the Department of General Practice, University of Aberdeen, 31st August 1995.
246. Scott A. **Multilevel analysis. What it is and some applications to health services research.** Seminar to the Department of Public Health, University of Aberdeen, 16th March 1995.
247. Scott A. **The influence of fee descriptors and general practitioner supply on treatment choices in Australian general practice.** Seminar, Centre for Health Economics, University of York, 7th February, 1994.
248. Scott A. **The influence of fee descriptors and general practitioner supply on treatment choices in Australian general practice.** Seminar, Health Economics Group, University of Newcastle, March 2nd, 1994.
249. Scott A. Discussant of **The NHS reforms and primary care: the response of general practitioners to financial incentives** by J. Silcock and J. Ratcliffe. Health Economists Study Group, London School of Hygiene and Tropical Medicine, 5-7th January 1994.
250. Scott A. **Using patient satisfaction surveys in health care decision making.** Paper presented to the 25th Annual Conference of the Public Health Association of Australia, Sydney, 29th September 1993.
251. Scott A. **Decision making and choice in general practice: issues and evidence.** Seminar to the National Centre for Health Program Evaluation, Monash University, Melbourne, Australia, 23rd October, 1992.
252. Scott A. **Incentives and agency in general practice: some unresolved issues.** Seminar to the Health Economics Research Unit, University of Aberdeen, June 2nd 1992.
253. Scott A. **General Practice in the UK and Australia - incentives for cost-effective medical practice.** Paper presented to the Annual Conference of the Public Health Association, Alice Springs, Australia, September 1991.
254. Tuffnell D.J. Buchan P.C. Lilford R.J. Scott A. (1990) **Antenatal day care: evaluation of the effect on process of care.** Consultants' Conference, Royal College of Obstetricians and Gynaecologists, London, 3rd-7th December 1990.

## RESEARCH GRANTS AND CONTRACT RESEARCH

<b>Awarding body</b>	<b>Total Amount</b>	<b>Title</b>	<b>Dates</b>	<b>Collaborators</b>
<b>Ongoing</b>				
Department of Human Services (Victoria)	\$98,000	Review of the sonography workforce in Victoria.	June to Sept 2008	Australian Health Workforce Institute (Prof. P. Brooks, Prof. Vin Massero, Prof. Bob Birrell).
National Health and Medical Research Council	\$2.1m	Understanding the dynamics of the medical workforce (MABEL)	April 07 to March 11	Dr. Catherine Joyce, Prof. John Humphries, Dr. Guyonne Kalb
Australian Research Council Discovery Grant	\$165,000	Blended payments for doctors. Evaluation of a natural experiment	Jan 07 - Dec 08	Dr. P Jensen, A/Prof. H. Britt
Australian Research Council Linkage Grant	\$510,000	Economic analysis of nursing labour markets in Australia	Jan 07 – Dec 09	Department of Human Services (Victoria), A/Prof. M. Shields, A/Prof. G. Kalb, Prof. J. Creedy, Prof. C. Duffield.
Commonwealth Department of Health and Ageing	-	Panel of Providers of Health Economics Services	2007 -	
Economic and Social Research Council	£130,000	Survey of nurses in the UK.	Dec 05 – May 08	Prof. R.F. Elliott, Dr. D. Skatun
<b>Completed</b>				
Department of Health (England)	£230,000	Evaluation of Payment by Results	Dec 2004 – July 2007	Dr. S. Farrar, Mr. J. Sussex, Mr. A. Towse, Mr. A. Munro, Prof. M. Chalkley
Centre for Evidence-Based Policy, Oregon Health and Science University	\$25,000	Rapid review of the effect of financial incentives for children/parents on the uptake of prevention programs	Feb 2008	Ms. Stefi Schurer.
Australian Divisions of General Practice	\$91,000	Evaluation of the effect of Divisions on costs and quality of health care	June 06 – Nov 06	Dr. B. Coote
Chifley Research Centre	\$35,000	The implications of a single funder for public hospitals in Australia.	Nov 06 – Feb 07	Dr. Jongsay Yong, Prof. John Freebairn, Ms. Anne Leahy
Australian Primary Health Care Research Institute	\$155,000	Systematic review of innovative models for comprehensive primary health care delivery	Oct 05 – Oct 06	Mr. L. Naccarella, Dr. J. Furler, Prof. D. Young
Department of Health and Ageing	\$16,000	Preparatory work for research on the determinants of the decline in CVD mortality	May-June 06	Dr. Jongsay Yong
Royal Melbourne Hospital	\$5000	Using a DCE to prioritise orthopaedic waiting lists	Sept 05 – June 06	Dr. Richard Osborne, Dr. Julia Witt.
London School of Hygiene and Tropical Medicine	\$12,500	Econometric analysis of household survey data	Nov 05 – June 06	Dr. Virginia Wiseman
Chief Scientist Office / Scottish Higher Education Funding	£400,000	RCT of education and remuneration to change dentists behaviour	Oct 2001 – Dec 2005	DHSRU, HSRU, University of St. Andrews

Council				
Economic and Social Research Council	£140,000	Devolved government and public sector pay setting	April 2002 – Oct 2005	Prof. R. Elliott, Prof. D. Bell
Department of Human Services, Victoria	\$21,000	The supply and distribution of health professionals	June 2005	Dr. Jongsay Yong
Department of Health	£35,000	Regional pay in the NHS	Jan-June 2005	Prof. R.F. Elliott, Dr. D. Skatun, Mr. D. Ikenwilo, Prof. D. Bell.
Scottish Executive Health Department	£70,000	Evaluation of the Performance Assessment Framework	May-Dec 2003	Dr. S. Farrar, Prof. L. McKee
NHS Service Delivery and Organisation of Care R&D Programme	£60,000	Local labour markets and health care delivery	June-Oct 2003	Prof. R. Elliott
Scottish Economic Policy Network	£4,700	Funding of Scottish Health Economics Network	April 2002 – April 2003	Matt Sutton, Kirsten Major.
Scottish Pharmaceutical General Council	£66,161	Alternatives for the remuneration of community pharmacy	Oct 2002 – June 2003	Prof. C. Bond, J. Insch, A. Grant.
Scottish Economic Policy Network	£1500	Research Co-ordinator (Health)	Jan 2002 to Jan 2004	
Scottish Executive Central Research Unit	£50,000	Labour markets in NHS Scotland	Apr 2001 to Nov 2001	Prof. R. Elliott, Prof. D. Bell, Dr. K. Mavromaras.
CHD Task Force, Scottish Executive Health Department	£70,000	Evaluation of Managed Clinical Network in Dumfries and Galloway	Oct 2001 to Dec 2002	Dr. S. Wyke, Prof. F. Sullivan, Dr. C. Baker, Prof. R. Taylor
Department of Health (England)	£450,000	RCT of medicines management	Nov 2001-Mar 2003	Pharmaceutical Services Negotiating Committee, Professors Christine Bond, Phil Hannaford, Anthony Avery
Scottish Council for Postgraduate Medical and Dental Education	£150,000	Towards a flexible medical workforce in NHS Scotland.	Sept 2000 to Sept 2002	Prof. G. Needham, Dr. L. Leighton-Beck, Ms. F. French, Ms. J. Mollison.
NHS R&D Programme (Primary Dental Health)	£550,744	Development and evaluation of generalisable evidence-based targeted caries prevention for pre-school children by integrated primary care teams	Aug 98 to Aug 03	DHSRU
CSO PhD Studentship	£11,000	A taxonomy and determinants of integration in primary care	Oct 98 – Oct 2001	Mr. S. Simoens
Tayside and Borders Health Board	£10,000	Evaluation of Salaried Payment Scheme for GPs.	August-Nov, 1999	Prof. F. Sullivan, Mr. D. Heaney
Royal College of General Practitioners	£5,000	Eliciting GPs' preferences for job characteristics	May 98 to May 99	-
NHS Management Executive	£110,000	A comparison of models of delivery of out of hours general medical services in Scotland	Mar 98 to Mar 00	Scottish Out of Hours Study Group
Grampian Health Board	£12,000	Evaluation of GP ultrasound	Sept 97 to May 98	Dr. Calder, Dr. Liddell
Grampian Health Board	£50,000	Evaluation of Total Fundholding Clinical Projects (Phase 2)	May 98 to May 99	Prof. Russell
Grampian Health Board	£25,000	Evaluation of Total Fundholding Clinical Projects (Phase 1)	May 97 to May 98	Prof. Russell

NHS R&D Primary Secondary Care Interface Programme	£37,405	Eliciting preferences for different models of out of hours care	Mar '97 to Mar '98	Dr. Watson, Dr. Ross
Scottish Needs Assessment Programme	£15,000	The primary-secondary care interface: understanding the shifts between primary and secondary care in Scotland.	May '96 to May '97	Drs Hanlon, Walker, Mr. Craig, Mr. Miller
NHS Management Executive (Scotland)	£9,296	The development of a framework for the evaluation of primary care development fund projects	Apr '96 to Sept '96	Ms. McPherson
Nuffield Foundation	£4,320	Eliciting patients' preferences in the doctor-patient relationship	Dec '95 to June '96	Ms. Sandra Vick
Scottish Office Department of Health Project grant	£69,219	Direct referral for laparoscopic sterilisation - establishment and evaluation	Jan '96 to June '98.	Drs. Smith, Terry, Prof. Templeton
General Practice Evaluation Programme	\$AUS 8,000	Factors influencing decision making in general practice	Oct '92 to Feb '93	Dr. Hall
General Practice Evaluation Programme	\$AUS 4,000	Incentives for cost-effective general medical practice	Jan 92 to June 92	Dr. Hall

## EXTERNAL RECOGNITION AND PROFESSIONAL ACTIVITIES

### **Academic awards**

1998. Winner of the Sir Alec Cairncross Prize of the Scottish Economic Society. Best Paper presented by a young economist at the Scottish Economic Society Annual Conference: "Patients, doctors and contracts: an application of principal agent theory to the doctor-patient relationship"

1996. International Health Economics Association. Inaugural Conference Student Competition. 5th place.

### **Refereeing**

#### Journals

Health Economics (22)

Journal of Health Economics (16)

Social Science and Medicine (12)

Journal of Health Services Research and Policy (6)

Australian Economic Review (4)

British Journal of General Practice (2)

Economic Journal (2)

Scottish Journal of Political Economy (2)

Expert Review of Pharmacoeconomics and Outcomes Research (1)

Australian and New Zealand Health Policy (1)

Australian Health Review (1)

Canadian Public Policy (1)

Economic Record (1)

Economica (1)

European Journal of Health Economics (1)

Health Expectations (1)

International Journal for Quality in Health Care (1)  
Medical Journal of Australia (1)  
Oxford Bulletin of Economics and Statistics (1)

#### Grants

Malaria Programme – London School of Hygiene and Tropical Medicine (2006)  
Marsden Fund, Royal Society of New Zealand (2006)  
Medical Research Council (UK) (2006)  
National Health and Medical Research Council, Project Grants (2007)  
National Heart Foundation, Australia (2006)  
NHS Health Technology Assessment Programme, UK (2003)  
Policy Research Programme, Department of Health, England (2002)  
Scottish Office Department of Health (1998, 2001)  
Victorian Health Promotion Foundation (2007)

#### **External examining**

Curtin University, (PhD) 2007.  
University of Sydney, Department of Public Health, (PhD) 2007, Kirsten Howard  
PhD adjudication, Curtin University, Australia, 2005  
University of York, Department of Economics and Related Studies (DPhil), 2005. M-C. Lee.  
University of Oslo, Department of Economics (PhD), 2005. Erik Magus Saether.  
University of Manchester, School of Pharmacy (PhD). 2004. Wendy Gidman.  
University of Oslo, Department of Economics (PhD), 2004. Hilde Luras  
University of Southern Denmark, Department of Economics (PhD), 2003. Michael Bech  
University of Manchester, School of Medicine (PhD), 2002. Toby Gosden  
The Robert Gordon University, School of Pharmacy (MPhil) 1999. Graheme Calder.

#### **External assessor for academic promotions**

University of Sydney (2007)  
University of Aberdeen (2007)  
University of Ottawa (2003)  
Curtin University (2005)

#### **External committee memberships and advice**

NHMRC Project Grant Review Panel (Public Health), 2008.  
  
Deputy Chair, NHMRC Policy and Practice Focussed Research Advisory Committee,  
Member (2007 - )  
  
Sax Institute, Economic Evidence for Policy Decisions, Steering Group member (2007 - )  
  
Primary Care Research Unit, University of Melbourne. Member of Advisory Group (2007 - )  
  
NHMRC Program Grants Review Panel – Expert Member (2007)  
  
Co-Chair, IHEA Best Poster Committee (Copenhagen Conference, 2007)  
  
IHEA Scientific Committee 2006 -  
  
Sax Insitute, Costing for Health and Economic Evaluation Program. Management Committee  
Member. (2006 - )  
  
National Heart Foundation, GP-CHD Working Group (2005/6)

NHMRC Prevention Working Group, Member of grant review panel (2005/6)

NSW Health Department Capacity Building Infrastructure Grants Programme. Selection Committee Member (2005).

Invited advice to Scottish Health Minister on integration in primary care (March 2003)

Member of Advisory Group on Resource Allocation to Dentists, Optometrists, and Community Pharmacists (2003)

Advice to the Scottish Executive on the GP Contract (2002/3).

Member of General Medical Services (GMS) Working Group advising the National Review of Resource Allocation (Jan-Mar 2000)

Member of the Expert Group advising the Steering Group of the National Review of Resource Allocation, Scottish Office Department of Health (1998/9).

Member of the Scottish Needs Assessment Programme Primary Care Network (1998-2000).

### **Media reports**

['On-off doctor supply no real answer', Anthony Scott, \*The Australian\*, 31 May 2008, p. 15.](#)  
(Weekend Health)

The Australian. 'Rich get more hospital care'. 25<sup>th</sup> April 2008.

['Now is the chance for change, so leap at it', Anthony Scott, \*The Australian\*, 19 April 2008, p. 15 \(Weekend Health\)](#)

Medical Observer. Comment on new funding to reduce waiting lists (January 2008)

Illawara Mercury. Comment on the MABEL survey (December 2007)

The Australian. Comment on nurse workforce policy (October 2007)

The Western Australian. Comment on labour and coalition health policies (October 2007)

Medical Observer. Report on new Longitudinal Survey of Doctors (March 2007)

The Australian. Comment on paying doctors from MI outlook conference (April 2005)

### **University Committees and Service**

Research and Knowledge Transfer Committee, Faculty of Economics and Commerce, University of Melbourne, The University of Melbourne. (2005 - )

Senior Management Group, Melbourne Institute of Applied Economic and Social Research, The University of Melbourne (2005 - ).

Senior Management Group, Health Economics Research Unit, University of Aberdeen (1999-2005)

## **POSTGRADUATE SUPERVISION AND TEACHING EXPERIENCE**

### **Postgraduate supervision**

*Current.*

PhD (Public Health). Chris Wiew. An economic analysis of a public health initiative funded by a private company within a developing economy (2006-2008). The University of Melbourne. Member of supervisory panel.

PhD (Economics): Patricia Fernandes. The effects of remoteness and rurality on hospital costs (2001-2006). The University of Aberdeen. Lead supervisor.

*Past.*

MSc (Health Economics) dissertation: Peter Sivey. The mobility of general practitioners in Scotland (2004).

PhD (Public Health): Sarah Wordsworth. Economic aspects of renal services (1998-2003). The University of Aberdeen. Lead supervisor.

PhD (Economics): Steven Simeons. Vertical and horizontal integration in primary care (1998-2001). The University of Aberdeen. Lead supervisor.

MSc in Public Health and Health Services Research: Helen Coutts. Evaluation of Community Ultrasound (1998/9). The University of Aberdeen.

### ***Teaching***

Introduction to health economics. Half day workshop for the Australian Health Promotion Association. February 2007.

Research Masterclass in Health Economics. One day course held at the Scottish School of Primary Care, and accredited by the Royal College of General Practitioners. November 2001.

Research Methods in Primary Care, organised by Tayside Centre for General Practice, University of Dundee (1999 and 2000).

MA (Economics), University of Aberdeen (2001, 1999)

Master of Public Health and Health Services Research, University of Aberdeen (3 lectures each year).

MBA and MSc in Health Care Management, University of Stirling (1999, 1998).

MSc. Health Promotion, Robert Gordon's University (1999 and 1996)

Health Economics Correspondence Course, University of Aberdeen (3 × 2 day seminars) (1996, 1997, 1998, 1999).

MSc. Occupational Therapy, Robert Gordon's University (1997)

BSc. Physiotherapy, Robert Gordon's University (1996, 1997)

Optional Appraisal course, Management Development Group, NHS in Scotland (1995).

Option Appraisal course, Grampian Health Care Trust (1995)

Northern Health MBA, University of Newcastle (3 lectures) (1994).

Introduction to health economics for postgraduate dentists, University of Sydney (4 lectures). (1993)

Master of Public Health, University of Sydney. (1993)

Tutor - CHERE Annual Workshop in Health Economics, University of Sydney, 4th-8th December 1991.