

Curriculum Vitae

Name: Paul McNAMEE

Address: Health Economics Research Unit
Institute of Applied Health Sciences
Foresterhill
University of Aberdeen
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Education

2003 PhD, University of Newcastle

1999 Certificate in Teaching and Learning in Higher Education,
University of Newcastle

1992 MSc, Health Economics, University of York

1990 MA, Economics with Accountancy, Upper Second Class
Honours, University of Aberdeen

Employment History

2013 – current Professor
Health Economics Research Unit
University of Aberdeen

2012 – current Visiting Fellow
Centre for Research on Ageing, Health and Wellbeing
Australian National University

2010 – 2013 Reader
Health Economics Research Unit
University of Aberdeen

2008 – 2013 Director, Preference Elicitation and Assessment of
Technologies (PEAT) Research Programme
Health Economics Research Unit
University of Aberdeen

2002 – 2010 Senior Research Fellow
Health Economics Research Unit
University of Aberdeen

1997 - 2002 Lecturer in Health Economics
Department of Epidemiology & Public Health
University of Newcastle

1992 - 1997 Research Associate
Centre for Health Services Research
University of Newcastle

Membership of Professional Bodies

UK Health Economists' Study Group, International Health Economics Association.

Refereed Papers

1. McNamee P, Murray E, Kelly MP, Bojke L, Chilcott J, Fischer A, West R, Yardley L. Designing and undertaking a health economics study of digital health interventions. *American Journal of Preventive Medicine* 2016 (*Forthcoming*).
2. Macfarlane G, Barnish M, Jones E, Kay L, Keat A, Meldrum K, Pathan E, Sturrock R, Zabke C, McNamee P, Jones G. The British Society for Rheumatology Biologics Registers in Ankylosing Spondylitis (BSRBR-AS) study: Protocol for a prospective cohort study of the long-term safety and quality of life outcomes of biologic treatment. *BMC Musculoskeletal Disorders* 2015; 16:347.
3. Brazzelli M, Cruickshank M, Tassie E, McNamee P, Robertson C, Elders A, *et al.* Collagenase clostridium histolyticum for the treatment of Dupuytren's contracture: systematic review and economic evaluation. *Health Technol Assess* 2015;19(90).
4. Brazzelli M, Cruickshank M, Kilonzo M, Ahmed I, Stewart F, McNamee P, Elders A, Fraser C, Avenell A, Ramsay C. Systematic review of the clinical and cost effectiveness of cholecystectomy versus observation/conservative management for uncomplicated symptomatic gallstones or cholecystitis. *Surgical Endoscopy* 2015; 29:637-647.
5. Neilson AR, Bruhn H, Bond CM, Elliott AM, Smith BH, Hannaford PC, Holland R, Lee AJ, Watson M, Wright D, McNamee P. Pharmacist-led management of chronic pain in primary care: costs and benefits in a pilot randomised controlled trial. *BMJ Open* 2015; 5(4): e006874.
6. Geneen L, Martin D, Adams N, Clarke C, Dunbar M, Jones D, McNamee P, Schofield P, Smith B. Effects of education to facilitate knowledge about chronic pain for adults: a systematic review with meta-analysis. *Systematic Reviews* 2015;4:132.
7. Mendelow AD, Gregson B, Rowan E, Francis R, McColl E, McNamee P, Chambers I, Unterberg A, Boyers D, Mitchell P. Early Surgery versus Initial Conservative Treatment in Patients with Traumatic Intracerebral Hemorrhage (STITCH[Trauma]): The First Randomized Trial. *Journal of Neurotrauma* 2015;32: 1312-1323.
8. Gregson BA, Rowan EN, Francis R, McNamee P, Boyers D, Mitchell P, *et al.* Surgical Trial In Traumatic intraCerebral Haemorrhage (STITCH): a randomised controlled trial of Early Surgery compared with Initial Conservative Treatment. *Health Technology Assessment* 2015;19(70).
9. McNamee P, Mendolia S. The effect of chronic pain on life satisfaction: evidence from Australian data. *Social Science & Medicine* 2014; 121:65-73.
10. Coretti S, Ruggeri M, McNamee P. The minimum clinically important difference of the EQ-5D index. *Expert Review in Pharmacoeconomics and Outcomes Research* 2014; 14(2), 221-233.
11. Clarke A, Anthony G, Gray D, Jones D, McNamee P, Schofield P, Smith BH, Martin D. A qualitative study of perceptions of interactions with health professionals by

community-based older adults with chronic pain. *PLOS One* 2014. 9(9): e105450.
doi:10.1371/journal.pone.0105450

12. Schofield P, Smith BH, Martin D, Jones D, Clarke A, McNamee P, Marsh R, Morrison M, Morrison R, Fowler S, Anthony G, Stewart C. Systematically searching for and assessing the literature for self-management of chronic pain: a lay users' perspective. *BMC Geriatrics*, 2014, 14(1), 86.
13. Brazzelli M, Cruickshank M, Kilonzo M, Ahmed I, Stewart F, McNamee P, *et al.* Clinical effectiveness and cost-effectiveness of cholecystectomy compared with observation/conservative management for preventing recurrent symptoms and complications in adults presenting with uncomplicated symptomatic gallstones or cholecystitis: a systematic review and economic evaluation. *Health Technology Assessment* 2014; 18(55):1-101.
14. Brazzelli M, Quayyum Z, McNamee P, Scotland G, Miranda H, Dennis M, Wardlaw J. An assessment of the cost-effectiveness of magnetic resonance including diffusion-weighted brain imaging in patients with transient ischaemic attack and minor stroke. *Health Technology Assessment* 2014; 18(27).
15. Jones G, Mertens K, Macfarlane G, Palmer K, Coggon D, Walker-Bone K, Burton K, Heine P, McCabe C, McNamee P, McConnachie A. Maintained physical activity and physiotherapy in the management of distal upper limb pain: protocol for a randomised controlled trial (The Arm Pain Trial). *BMC Musculoskeletal Disorders*. 2014, 15:71
16. Tinelli M, Scott A, Seymour J, Ryan M, Bond C, McNamee P. On the use and interpretation of quantile regression in quality of life research. *Pharmacoeconomics* 2014;32:229-230.
17. Mentzakis M, Ryan M, McNamee P. Modelling heterogeneity and uncertainty in contingent valuation: an application to the valuation of informal care. *Scottish Journal of Political Economy* 2014;61:1-25.
18. Ryan C, Schofield P, Holey L, Harland N, Smith BH, Jones D, Clarke A, McNamee P, Martin D. Flo's story: the development of an online interactive learning package about persistent pain in older people. *Pain & Rehabilitation* 2013;35:25-30.
19. Martin D, Schofield P, Jones D, McNamee P, Clarke A, Anthony B, Smith BH. The effect of Stanford-type self-management programmes on pain and function in older people with persistent pain: a systematic review of randomised controlled trials. *Journal of Pain Management* 2013;6(2).
20. Brazzelli M, Shuler K, Quayyum Z, Hadley D, Muir K, McNamee P, De Wilde J, Dennis M, Sandercock P, Wardlaw JM. Clinical and imaging services for TIA and minor stroke: results of two surveys of practice across the UK. *BMJ Open* 2013; 2013;3:e003359.
21. Boyers D, McNamee P, Clarke A, Jones D, Martin D, Schofield P, Smith BH. Cost-effectiveness of self-management methods for the treatment of chronic pain in an aging adult population: a systematic review of the literature. *Clinical Journal of Pain* 2013;29:366-375.
22. Bruhn H, Bond C, Elliott A, Hannaford P, Lee A, McNamee P, Smith BH, Watson M, Blyth M, Holland R, Wright D. Pharmacist-led management of chronic pain in

- primary care: results from a randomised controlled exploratory trial. *BMJ Open* 2013; 2013;3(4):e002361.
23. Mentzakis E, McNamee P, Ryan M, Sutton M. Valuing informal care experience: Does choice of measure matter? *Social Indicators Research* 2012;108:169-184.
 24. Gregson BA, Rowan EN, Mitchell PM, Unterberg A, McColl EM, Chambers IR, McNamee P, Mendelow AD. Surgical trial in traumatic intracerebral hemorrhage (STITCH Trauma): Study protocol for a randomized controlled trial. *Trials* 2012; 13 (93).
 25. Clarke A, Anthony G, Gray D, Jones D, McNamee P, Schofield P, Smith BH, Martin D. "I feel so stupid because I can't give a proper answer..." How older adults describe chronic pain: a qualitative study. *BMC Geriatrics* 2012; 12:78.
 26. Snaith A, Royle P, Gillett M, Scotland G, Poobalan A, Imamura M, Black C, Boroujerdi M, Jick S, Wyness L, McNamee P, Brennan A, Waugh N. Non-pharmacological interventions to reduce the risk of diabetes in people with impaired glucose regulation: systematic review and economic evaluation. *Health Technology Assessment* 2012;16 (33).
 27. Sharma P, Boyers D, Boachie C, Stewart F, Miedzybrodzka Z, Simpson W, Kilonzo M, McNamee P, Mowatt G. Elucigene FH20 and LIPOchip for the diagnosis of familial hypercholesterolaemia: a systematic review and economic evaluation. *Health Technology Assessment* 2012;16 (17).
 28. McBeth J, Prescott G, Scotland G, Lovell K, Keeley P, Hannaford P, McNamee P, Symmons D, Woby S, Gkazinou C, Beasley M, Macfarlane G. Cognitive behaviour therapy, exercise or both for treating chronic widespread pain. *Archives of Internal Medicine* 2012;172:48-57.
 29. Mentzakis E, Ryan M, McNamee P. Using discrete choice experiments to value informal care: exploring preference heterogeneity. *Health Economics* 2011; 20(8): 930-944.
 30. Scotland G, McLernon D, Kurinczuk JK, McNamee P, Harrild K, Lyall H, Rajkhowa M, Hamilton M, Bhattacharya S. Minimising twins in IVF: a modelling study assessing the costs, consequences, and cost-utility of elective single versus double embryo transfer over a 20 year time horizon. *British Journal of Obstetrics and Gynaecology* 2011; 118(9):1073-1083.
 31. Scotland G, McNamee P, Hundley V, Barnett C, Cheyne H. Women's preferences for aspects of labour management: results from a discrete choice experiment. *Birth* 2011; 38(1): 36-46.
 32. Schofield P, Clarke A, Jones D, Martin D, McNamee P, Smith BH. Chronic pain in later life: a review of current issues and challenges. *Ageing & Health* 2011; 7(4): 551-556.
 33. Scotland G, Waugh N, Royle P, McNamee P, Henderson R, Hollick R. Denosumab for the prevention of osteoporotic fractures in post-menopausal women: a NICE single technology appraisal. *Pharmacoeconomics* 2011; 29(11): 951-961.

34. Waugh N, Royle P, Scotland GS, Henderson R, Hollick R, McNamee P. Denosumab for the prevention of osteoporotic fractures in post-menopausal women: TAR Evidence Review Group Synopsis. *Health Technology Assessment* 2011; 15 (Supplement 1).
35. McNamee P, Ternent L, Gbangou A, Newlands D. A game of two halves? : Incentive incompatibility, starting point bias and the bidding game contingent valuation method. *Health Economics* 2010; 19(1): 75-87.
36. 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* 2010; 19(6): 683-696.
37. Wilcox-Gok V, McNamee P. Economic consequences of mental health problems in older people for other family members. *Journal of Health Services Research & Policy* 2010; 15 (supplement 2): 35-40.
38. McNamee P, Vanoli A, Hutchings D, McKeith I, Bond J. Savings from sub-groups? Policy guidance and Alzheimer's Disease treatments. *Journal of Nutrition, Health and Aging*.2010; 14(8): 664-668.
39. Hutchings D, Vanoli A, McKeith I, Brotherton S, McNamee P, Bond J. Patient, carer and professional factors influencing the use of drugs for Alzheimer's disease in the UK. *Dementia* 2010; 9(3): 427-443.
40. Hutchings D, Vanoli A, McKeith I, Brotherton S, McNamee P, Bond J. Good days and bad days: the lived experience and perceived impact of treatment with cholinesterase inhibitors for Alzheimer's disease in the UK. *Dementia* 2010; 9(3): 409-425.
41. Ternent L, McNamee P, Newlands D, Belemsaga D, Gbangou A, Cross S. Willingness to pay for maternal health outcomes: are women willing to pay more than men? *Applied Health Economics and Health Policy*. 2010; 8(2): 99-109.
42. Sharma P, McCullough K, Scotland G, McNamee P, Prescott G, MacLeod A, Fluck N, Smith WC, Black C. Does stage 3 chronic kidney disease matter? A systematic literature review. *British Journal of General Practice* 2010; 60(575): 442-448.
43. Black C, Sharma P, Scotland G, McCullough K, McGurn D, Robertson L, Fluck N, MacLeod A, McNamee P, Prescott G, Smith C. Early referral strategies for management of people with markers of renal disease: a systematic review of the evidence of clinical effectiveness, cost effectiveness and economic analysis. *Health Technology Assessment*. 2010, 14(21): 1-184.
44. Scotland GS, McNamee P, Fleming AD, Goatman KA, Philip S, Williams GJ, Prescott GJ, Leese GP, Wykes WN, Sharp PF, Olson JA. Costs and consequences of automated algorithms versus manual grading for the detection of referable diabetic retinopathy. *British Journal of Ophthalmology* 2010; 94(6): 712-719.
45. Fleming AD, Goatman KA, Philip S, Williams GJ, Prescott GJ, Scotland GS, McNamee P, Leese GP, Wykes WN, Sharp PF, Olson JA. The role of haemorrhage and exudate detection in automated grading of diabetic retinopathy. *British Journal of Ophthalmology* 2010; 94(6): 706-711.

46. Acharya A, McNamee P. Assessing Gujarat's Chiranjeevi scheme. *Economic and Political Weekly*. 2009, 44: 13-15.
47. Shenfine J, McNamee P, Steen N, Bond J, Griffin SM. A randomized controlled clinical trial of palliative therapies for patients with inoperable oesophageal cancer. *American Journal of Gastroenterology* 2009, 104: 1674-1685.
48. Black C, Clar C, Henderson R, McNamee P, MacEachern C, Quayyum Z, Royle P, Thomas S. The clinical effectiveness of glucosamine and chondroitin supplements in slowing or arresting progression of osteoarthritis of the knee: a systematic review and economic evaluation. *Health Technology Assessment* 2009, 13(52): 1-148.
49. Mentzakis E, McNamee P, Ryan M. Who cares and how much: exploring the determinants of co-residential informal care. *Review of Economics of the Household*. 2009, 7(3): 283-303.
50. Langlands A, Dowdle R, Elliott A, Gaddie J, Graham A, Johnson G, Lam S, McGowan A, McNamee P, Morrison J, Murphy T, Reynard, K, Rudge P, Trueland J. RCPE UK Consensus Statement on Acute Medicine. *Journal of the Royal College of Physicians of Edinburgh* 2009, 39(1): 27-28.
51. Miller CE, Quayyum Z, McNamee P, Salman RAS. Economic burden of intracranial vascular malformations in adults: prospective, population-based study. *Stroke* 2009, 40: 1973-1979.
52. Millar J, McNamee P, Heaney D, Selvaraj S, Bond C, Lindsay S, Morton M. Does a system of instalment dispensing for newly prescribed medicines save NHS costs? Results from a feasibility study. *Family Practice*. 2009, 26(2): 163-168.
53. McNamee P, Ternent L, Hussein J. Barriers in accessing maternal health care: evidence from low and middle income countries. *Expert Review of Pharmacoeconomics and Outcomes Research*. 2009, 9(1): 41-48.
54. Langlands A, Dowdle R, Elliott A, Gaddie J, Graham A, Johnson G, Lam S, McGowan A, McNamee P, Morrison J, Murphy T, Reynard, K, Rudge P, Trueland J. RCPE UK Consensus Statement on Acute Medicine. *British Journal of Hospital Medicine* 2009, 70(1) Supplement 1:S6-S7.
55. van Veen NHJ, McNamee P, Richardus JH, Smith WCS. Cost-Effectiveness of Interventions to Prevent Disability in Leprosy: A Systematic Review. *PLoS ONE* 2009, 4(2): e4548.
56. Cheyne H, Hundley V, Dowding D, Bland JM, McNamee P, Greer IA, Styles M, Barnett CA, Scotland GS, Niven CA. Effects of algorithm for diagnosis of active labour: a cluster randomised trial. *BMJ* 2008, 337: 1396-1400 (a2396).
57. McNamee P, Seymour J. Incorporation of process preferences within the QALY framework: a study of alternative methods. *Medical Decision Making* 2008, 28: 443-452.
58. Scotland GS, Philip S, Fleming AD, Goatman KA, Sharp PF, McNamee P, Fonseca S, Prescott GJ and Olson JA. Manual versus automated: the diabetic retinopathy screening debate. Automated screening could be the cost-effective route. *Ophthalmology Times Europe* 2008, 4(2): 14-16.

59. Jaffrey M, Bond C, King M, Lee A, McNamee P, Primrose W, Hughes C, Patterson S. Care home residents: who knows what medication they are taking? *International Journal of Pharmacy Practice* 2008, Supplement 1:35-36.
60. Cheyne H, Terry R, Niven C, Dowding D, Hundley V, McNamee P. 'Should I come in now?' A study of women's early labour experiences. *British Midwifery Journal* 2007, 15(10): 604-625.
61. Philip S, Fleming AD, Goatman KA, Fonseca S, McNamee P, Scotland GS, Prescott GJ, Sharp PF, Olson JA. The efficacy of automated "disease/no disease" grading for diabetic retinopathy in a systematic screening programme. *British Journal of Ophthalmology* 2007, 91: 1512-1517.
62. Scotland GS, McNamee P, Philip S, Fleming AD, Goatman KA, Prescott GJ, Fonseca S, Sharp PF, Olson JA. Cost-effectiveness of implementing automated grading within the national screening programme for diabetic retinopathy in Scotland. *British Journal of Ophthalmology* 2007, 91: 1518-1523.
63. Scotland GS, McNamee P, Peddie V, Bhattacharya S. Safety versus success in elective single embryo transfer: women's preferences for outcome of in vitro fertilisation. *British Journal of Obstetrics and Gynaecology* 2007, 114 (8): 977-983.
64. McNamee P. What difference does it make? The calculation of QALY gains from health profiles using patient and population values. *Health Policy* 2007, 84: 321-331.
65. Waugh N, Scotland GS, McNamee P, Gillett M, Brennan A, Goyder E et al. Screening for type 2 diabetes: literature review and economic modelling. *Health Technology Assessment* 2007, 11(17): 1-140.
66. Scotland GS, McNamee P, Bhattacharya S. Is single embryo transfer a cost-effective alternative to double embryo transfer? *British Journal of Obstetrics & Gynaecology* 2007, 114: 5-7.
67. Cameron I, Matheson C, McNamee P, Robinson A, Bond C. Pilot randomised controlled trial of community pharmacy administration of buprenorphine versus methadone. *International Journal of Pharmacy Practice* 2006, 14(4):243-248.
68. McNamee P. Quantifying uncertainty in long-term care costs following the introduction of new drug therapy. *Swiss Journal of Economics & Statistics* 2006, S10: 61-68.
69. Lock C, Kaner E, Heather N, Purdy S, McNamee P, Pearson P. The effectiveness and cost-effectiveness of nurse-led screening and brief alcohol intervention in primary health care: cluster randomised controlled trial. *Journal of Advanced Nursing* 2006, 54: 426-439.
70. Shenfine J, McNamee P, Steen N, Glendinning S, Bond J, Griffin SM. A pragmatic randomised controlled trial of the cost-effectiveness of palliative therapies for patients with inoperable oesophageal cancer. *Health Technology Assessment*. 2005, 9(5): 1-121.
71. McNamee P, Seymour J. Comparing generic preference-based health-related quality-of-life measures: advancing the research agenda. *Expert Review of Pharmacoeconomics and Outcomes Research*. 2005, 5: 567-581.

72. McNamee P, Glendinning S, Shenfine J, Steen N, Griffin SM, Bond J. Chained time trade-off and standard gamble methods: applications in oesophageal cancer. *European Journal of Health Economics*. 2004, 5:81-86.
73. McNamee P. A comparison of the grade of membership measure with alternative health indicators in explaining costs for older people. *Health Economics* 2004, 13:379-395.
74. Rodgers H, Mackintosh J, Price C, Wood R, McNamee P, Fearon T, Marritt A, Curless R. Does an intensive interdisciplinary upper limb therapy programme following acute stroke improve outcome? *Clinical Rehabilitation* 2003, 17:579-589.
75. Kaner E, Lock C, Heather N, McNamee P, Bond S. Promoting brief alcohol intervention by nurses in primary care: a cluster randomised controlled trial. *Patient Education & Counselling*. 2003, 51: 277-284.
76. McNamee P, Shenfine J, Bond J. Measuring quality of life and utilities in oesophageal cancer. *Expert Review in Pharmacoeconomics and Outcomes Research*. 2003, 3: 179-188.
77. Chilcott J, McCabe C, Tappenden P, O'Hagan A, Cooper N, Abrams K, Claxton K on behalf of the Cost Effectiveness of Multiple Sclerosis Therapies Study Group. (McNamee P a group member). Modelling the cost effectiveness of interferon beta and glatiramer acetate in the management of multiple sclerosis. *BMJ* 2003,326:522-527.
78. Eccles M, Steen N, Grimshaw J, Thomas L, McNamee P, Soutter J, Wilsdon J, Matowe L, Needham G, Gilbert F, Bond S. Effect of audit and feedback, and reminder messages on primary care radiology referrals: a randomised trial. *The Lancet* 2001, 357: 1406-1409.
79. Moynihan P, Cowell T, Stacy R, McNamee P, Adamson A. The Good Food Club: setting up an after school food club to teach practical food preparation using healthy foods at Key Stage 3. *The Journal of Design and Technology Education* 2001, 6: 239-245.
80. McNamee P, Bond J, Buck D. Costs of dementia in England and Wales in the 21st century. *British Journal of Psychiatry* 2001, 179: 261-266.
81. Parkin D, Jacoby A, McNamee P, Miller P, Thomas S, Bates D. Treatment of multiple sclerosis with interferon beta: an appraisal of cost-effectiveness and quality of life. *Journal of Neurology, Neurosurgery and Psychiatry* 2000, 68: 144-149.
82. Buck D, Gregson B, Bamford C, McNamee P, Wright K, Bond J. Psychological morbidity among informal caregivers of older people: a 2 year follow-up study. *Psychological Medicine* 2000, 30:943-955.
83. Bond J, Buck D, Bamford C, McNamee P, Gregson B, Wright K. Informal caregiving for frail older people at home and in long-term care institutions: who are the key supporters? *Health and Social Care in the Community* 1999, 7:434-444.
84. McNamee P, Gregson B, Buck D, Bamford C, Bond J, Wright K. Costs of formal care for frail older people in England. *Social Science and Medicine* 1999, 48:331-341.

85. McNamee P, Gregson B, Wright K, Buck D, Bamford C, Bond J. Estimation of a multiproduct cost function for physically frail older people. *Health Economics* 1998, 7:701-710.
86. Bamford C, Gregson B, Farrow G, Buck D, Dowswell T, McNamee P, Bond J, Wright K. Mental and physical frailty in older people: the costs and benefits of informal care. *Ageing and Society* 1998, 18:317-354.
87. Jacoby A, Buck D, Baker G, McNamee P, Graham-Jones S, Chadwick D. Uptake and costs of care for epilepsy: findings from a UK regional study. *Epilepsia* 1998, 39:776-786.
88. McNamee P, Parkin D, Allen D, Steen I, Hutchinson A. Measuring outpatient resource use and case mix in ophthalmology. *Journal of Epidemiology & Community Health* 1998, 52:247-252.
89. McNamee P, Christensen J, Soutter J, Rodgers H, Craig N, Pearson P, Bond J. Cost analysis of early supported hospital discharge for stroke. *Age and Ageing* 1998, 27:345-351.
90. Parkin D, McNamee P, Jacoby A, Miller P, Thomas S, Bates D. A cost-utility analysis of interferon beta for multiple sclerosis. *Health Technology Assessment* 1998, 2(4).
91. Buck D, Gregson B, Bamford C, McNamee P, Farrow G, Bond J, Wright K. Psychological distress amongst informal supporters of frail older people at home and in institutions. *International Journal of Geriatric Psychiatry* 1997, 12:737-744.
92. North of England Stable Angina Guideline Development Group. North of England evidence based guidelines development project: summary version of evidence based guideline for the primary care management of stable angina. *BMJ* 1996, 312:827-832.
93. North of England Asthma Guideline Development Group. North of England evidence based guidelines development project: summary version of evidence based guideline for the primary care management of asthma in adults. *BMJ* 1996, 312:762-766.
94. McNamee P, Hutchinson A, Parkin D, Milne E, Steen N. Outpatient case mix: a survey of user requirements. *Journal of Management in Medicine* 1994, 8:29-37.
95. McNamee P, van Doorslaer E, Segaar R. Benefits and costs of recombinant human erythropoietin (rhEPO) for end-stage renal failure: a review. *International Journal of Technology Assessment in Health Care* 1993, 9:490-504.

Invited Presentations & Workshops

1. McNamee P. Designing and Undertaking a Health Economics Modelling Study of Digital Health Interventions. Dynamic Systems Modelling Workshop, Aberdeen, August 2016.
2. McNamee P. Designing and Undertaking a Health Economics Study of Digital Health Interventions. MRC Workshop, London, September 2015.
3. McNamee P. NHS2020 – what will health care look like in 5 years’ time? University of Aberdeen, May Festival, Aberdeen, 2015.
4. McNamee. Economic Evaluation of Self-Management. Scottish Government Workshop. 2014.
5. McNamee P, Myles S. The Long and Winding Road: Re-Focusing on Existing Health Care Technologies. Invited presentation, International Health Economics Association (iHEA) World Congress. Sydney, 2013.
6. McNamee P. Chronic pain in older age and compensating income variation: how important are psycho-social factors? ARC Centre of Excellence in Population Aging Workshop (CEPAR). Sydney, 2013.
7. McNamee P. All pain, no gain? Measuring cost-effectiveness in health care. Invited Public Lecture. Australian National University, Canberra, 2012.
8. McNamee P. Economic consequences of chronic pain in older age. Invited Seminar, Monash University, Melbourne, 2012.
9. McNamee P. Measuring health economic impact of diagnostic tests in dementia. *Symposium on Imaging Research in Cognitive Impairment and Dementia.* Aberdeen, 2010.
10. McNamee P and Ludbrook A. Feasibility study of use of direct payments for informal care. *Scottish Collaboration for Public Health Research and Policy.* Edinburgh, 2010.
11. McNamee P. Detection of ceiling and floor effects: a quantile regression approach. Seminar presentation, School of Health and Related Research, University of Sheffield, 2010.
12. McNamee P. Detection of ceiling and floor effects: a quantile regression approach. Seminar presentation, Health Economics Unit, University of Birmingham, 2009.
13. McNamee P. Cost-effectiveness in health care. Invited symposium presentation, Royal College of Physicians of Edinburgh, Edinburgh, 2009.
14. McNamee P. Effects of the Free Personal Care Policy on care decisions: what can we learn from Scottish Household Survey data? Invited presentation, Informing Public Policy: New Agendas for Social Research, London School of Economics, London, 2009.
15. McNamee P. The economic outcomes of maternal mortality and morbidity. Seminar presentation, Indian Institute of Management (IIM), Ahmedabad, India, 2008.

16. McNamee P. The economic outcomes of maternal mortality and morbidity. Seminar presentation, Centre for Social Studies (CSS), Surat, India, 2008.
17. Cheyne H, McNamee P. The early labour study in Scotland – TELSIS. Seminar presentation, Dugald Baird Centre, University of Aberdeen, 2008.
18. McNamee P., Quayyum Z. Cost effectiveness of maternal and perinatal health interventions: lessons from DCPD and IMMPACT. Invited workshop leader, West African Health Organisation Annual Meeting, Accra, Ghana, 2007.
19. Newlands D, McNamee P., Asante F, Quayyum Z. The economic outcomes of maternal mortality and morbidity. Invited symposium presentation, Delivering Safer Motherhood: Sharing the Evidence, Royal College of Obstetricians and Gynaecologists, London, 2007.
20. Seymour J, McNamee P., Scott A, Tinelli M, Bond C. A comparison of EQ-5D and SF-6D in coronary heart disease. Seminar presentation, University of Newcastle, 2005.
21. Newlands D, McNamee P. Economic outcomes in maternal health. Invited workshop presentation, Institute of Tropical Medicine, University of Antwerp, 2004.
22. McNamee P. Modelling the cost of health care interventions. Invited discussant, ESRC Developing Economic Evaluation Methods (DEEM) Workshop Series, University of Aberdeen, 2003.
23. McNamee P. Establishing the value and costs of anti-dementia therapies: the role of preferences and modelling. Seminar presentation, Institute of Applied Health Sciences (IAHS), University of Aberdeen, 2003.
24. McNamee P. Costs and dementia care: how much and who pays? Invited discussant, ESRC Dementia Research and Care Workshop Series, Stirling, 2002.
25. McNamee P. Measurement of cost effectiveness. Invited presentation, Palliative Plumbing Workshop, University of Sunderland, 1999.
26. McNamee P. Cost analysis of care. Invited symposium presentation, What's New in Stroke? Royal College of Physicians, London, 1999.
27. McNamee P. Cost-effectiveness of new therapies for multiple sclerosis. Invited presentation, New Insights into MS Workshop, Action MS, Belfast, 1998.
28. McNamee P. Assessing cost-effectiveness of new therapies: a primer. Invited presentation, Research in Rehabilitation Workshop, Action for Disability, Newcastle, 1998.

Conference and Other Presentations

1. McNamee, P. Does one spouse's health shocks influence the other partner's risk preference? (discussant). 3rd EUHEA Supervisor/Student Conference, Barcelona, September 2016.
2. Coretti S, Ruggeri M, McNamee, P. From the minimum clinically important difference to the minimum cost-effective difference in EQ-5D. ISPOR, 2014.

3. McNamee, P. Balance of care of the elderly and healthy ageing. HERU conference Celebrating 40 Years of Health Economics at Aberdeen University: a tribute to Professor Gavin Mooney. University of Aberdeen, 2014.
4. Coretti S, McNamee, P. What size of difference matters in EQ-5D? Comparison of methods to estimate the minimum clinically important difference. Society for Medical Decision Making, 15th Biennial European Meeting, Antwerp, Belgium, 2014.
5. McNamee P, Mendolia S. The effect of chronic pain on life satisfaction: evidence from Australia', Health Economists' Study Group, Sheffield, 2014.
6. Quayyum, Z. and McNamee, P. Inequality in utilization and incidence of benefits of free personal care in Scotland. Health Economists' Study Group, Sheffield, 2014.
7. Beasley M, Prescott G, Scotland G, McBeth J, Keeley P, Lovell K, Hannaford P, McNamee P, Symmons D, Woby S, Macfarlane G. Long-term results from a randomised controlled trial (RCT) of telephone delivered cognitive behaviour therapy (tCBT) and exercise in the management of chronic widespread pain (CWP), and predictors of treatment-effectiveness. British Pain Society Annual Scientific Meeting, Manchester, 2014.
8. Ma A, Skatun D, McNamee P, Clarke A, Jones D, Martin D, Schofield P, Smith B. The labour market outcomes of chronic pain. Scottish Pain Research community (SPaRC) Conference. Dundee, 2013.
9. McNamee P, Ma A, Skatun D, Schofield P, Martin D, Jones D, Clarke A, Smith B. The labour market consequences of chronic pain. Life-Long Health & Well-Being Conference. Edinburgh, 2012.
10. Boyers D, McNamee P, Schofield P, Martin D, Jones D, Clarke A, Smith B. Cost-effectiveness of self-management of chronic pain in older adults: a systematic review. Life-Long Health & Well-Being Conference. Newcastle, 2011.
11. Mort A, McNamee P, Philip L, Schofield P, Hanson V, Rodger G. TOPS - designing digital tools for personal and social interaction. Digital Engagement 2011 Conference, Newcastle, 2011.
12. Sharma P, Boyers D, Boachie C, Stewart F, Miedzybrodzka Z, Simpson W, Kilonzo M, McNamee P, Mowatt G: Elucigene and LIPOchip for FH: NICE Diagnostic Assessment Review. Scottish Lipids Forum. Dunkeld, 2011.
13. McNamee P, Quayyum Z, Black C, Clar C, Henderson R, Maceachran C, Royle P, Thomas S. The use of mapping in estimates of cost-effectiveness: helpful or harmful? Society for Medical Decision Making. Toronto, 2010.
14. Ternent L, McNamee P, Newlands D. Exploring biases in the double bounded dichotomous choice (DBDC) and DBDC with open ended follow-up methods. Health Economists' Study Group (HESG) Conference. Cork, 2010.

15. McNamee P, Acharya A. Public-private partnerships to reduce maternal mortality: silver bullet or smoking gun? 26th IUSSP Conference, Marrakesh, 2009.
16. Mentzakis M, McNamee P, Ryan M. Valuing care experience using the compensating income variation method: a comparison of subjective well-being with health status. Health Economists' Study Group (HESG) Conference, Sheffield, 2009.
17. McNamee P. Measuring the value of life: exploring a new method for deriving the monetary value of a QALY (discussant). Health Economists' Study Group (HESG) Conference, Sheffield, 2009.
18. McNamee P, Gok VW. Economic consequences of mental health problems in older people on other family members. SDO/HSRN Annual Conference, Birmingham, 2009.
19. Newlands D, McNamee P, Chikwama C, Asante F. The effect of maternal morbidity on productivity: a household level analysis in Ghana. African Health Economics Association Conference, Accra, 2009.
20. Mentzakis E, Ryan M, McNamee P. Valuing Informal Care Using Contingent Valuation Methods. 7th European Conference on Health Economics, Rome, 2008.
21. Scotland GS, McNamee P, Ryan M. Should we be concerned about learning effects in discrete choice experiments? 7th European Conference on Health Economics, Rome, 2008.
22. Wilcox-Gok V, McNamee P. Elder Health and Family Labour Supply. Scottish Government Health Directorates, Edinburgh, 2008.
23. Cheyne H, Hundley V, Dowding D, Aucott L, McNamee P, Styles M, Barnett CA, Greer I, Bland M, Niven K. The Early Labour Study in Scotland: Measuring the Benefits of an algorithm for diagnosis of active labour using Discrete Choice Experiments (DCEs). 28th Triennial International Confederation of Midwives Congress, Glasgow, 2008.
24. Jaffrey M, Bond C, King M, Lee A, McNamee P, Primrose W, Hughes C, Patterson S. Care home residents: who knows what medication they are taking? 13th Health Services Research and Pharmacy Practice Conference, Liverpool, 2008.
25. McNamee P. The effect of economic status on care decisions: results arising from the Free Personal Care policy in Scotland (poster presentation). Health in Ageing – Achievements and Potential of Longitudinal Research Conference, Dublin, 2008. (*Winner Best Poster Prize*).
26. Jaffrey M, Bond C, King M, Lee A, McNamee P, Primrose W, Hughes C, Patterson S. A feasibility study of an adapted United States model of pharmaceutical care to improve psychoactive prescribing for care home residents in Scotland. Scottish School of Primary Care Annual Conference, Carnoustie, 2008.
27. McNamee P. The early labour study in Scotland: economic evidence. Study Collaborators Workshop, Stirling, 2007.
28. McNamee P. The effect of economic status on care decisions: results arising from the Free Personal Care policy in Scotland. 6th International Health Economics Association (iHEA) World Congress, Copenhagen, 2007.

29. McNamee P. Influences of policy and income on access to long-term care. *Session Organiser*. 6th International Health Economics Association (iHEA) World Congress, Copenhagen, 2007.
30. Mentzakis E, McNamee P, Sutton M, Ryan M. Valuing informal care using compensating income variation. 6th International Health Economics Association (iHEA) World Congress, Copenhagen, 2007.
31. Ternent L, Daniels A, Newlands D, Asante F, McNamee P. Using Discrete Choice Experiments to elicit preferences for maternal health care in Ghana (poster presentation). 6th International Health Economics Association (iHEA) World Congress, Copenhagen, 2007.
32. Seymour J, McNamee P, Scott A, Tinelli M, Bond C. Shedding new light onto the ceiling and floor? A quantile regression approach to compare EQ-5D and SF-6D responses (poster presentation). 6th International Health Economics Association (iHEA) World Congress, Copenhagen, 2007.
33. Miller CE, McNamee P, Salman RAS. Economic burden of intracranial vascular malformations in adults: prospective, population-based study. European Stroke Conference, Glasgow, 2007.
34. McNamee P, Ternent L, Belemsaga D, Gbangou A, Newlands D. A game of two halves? Starting point bias within the bidding game method. Health Economists' Study Group (HESG) Conference, Birmingham, 2007.
35. Ternent L, McNamee P, Newlands D, Belemsaga D, Gbangou A, Coates A. How important is gender in assessing the value of maternal health outcomes? Health Economists' Study Group (HESG) Conference, Birmingham, 2007.
36. McNamee P, Ternent L, Belemsaga D, Gbangou A, Newlands D. Assessing the value of maternal health using contingent valuation methods. 6th Annual INDEPTH (International Network of field sites with continuous Demographic Evaluation of Populations and Their Health) Annual General Meeting, Ougadougou, 2006.
37. McNamee P, Quayyum Z, Megraini A, Nadjib M, Newlands D. To what extent do people care about the size of health inequalities? The feasibility of methods to generate distributional weights. Advancing Health Equity Conference, World Institute of Development Economics Research (WIDER), Helsinki 2006.
38. Scotland GS, McNamee P, Philip S, Fleming A, Goatman KA, Prescott G, Fonseca S, Sharp PF, Olson JA. Costs and consequences of implementing automated grading within a national screening programme for diabetic retinopathy. Diabetes UK Annual Professional Conference, 2006.
39. Scotland GS, McNamee P. A methodological comparison of alternative standard gamble chaining procedures. Health Economists' Study Group (HESG) Conference, York, 2006.
40. Scotland GS, McNamee P, Peddie V, Bhattacharya S. Safety versus success in SET: women's preferences for outcomes of IVF. ESHRE, Prague, 2006.
41. Millar J, Bond C, McNamee P, Morton M, Selvaraj S, Lindsay S. A feasibility study for a future economic evaluation of instalment dispensing for newly prescribed medicines. Society of Academic Primary Care, 2006.

42. McNamee P. Quantifying uncertainty in long-term care costs following the introduction of new drug therapy: the importance of model choice in Probabilistic Sensitivity Analysis. European Conference on Long-Term Care, Mannheim, 2005.
43. Quayyum Z, McNamee P, Newlands D. Challenges in the identification and measurement of equity in maternal health (poster presentation). Global Health Forum, Mumbai, 2005.
44. McNamee P, Vanoli A, Hutchings D, Bond J, McKeith J. A comparison of regression modelling strategies to estimate the cost impact of NICE policy guidance. Scottish Economics Society Conference, Perth, 2005.
45. McNamee P, Vanoli A, Hutchings D, Bond J, McKeith J. Estimating the cost impact of NICE policy guidance: a comparison of regression modelling strategies. Health Economists' Study Group (HESG) Conference, Oxford, 2005.
46. McNamee P, Seymour J. Incorporation of process preferences within the QALY framework: a study of alternative methods. Nordic Health Economists' Study Group (NHESG) Conference, University of Iceland, 2004.
47. McNamee P. Valuing risk reduction: the reliability and validity of willingness to pay responses. Fifth European Conference on Health Economics, LSE, London, 2004.
48. Cameron I, Matheson C, McNamee P, Robinson A, Bond C. A feasibility study of supervised administration of buprenorphine in community pharmacies. British Pharmaceutical Conference, 2004.
49. Cameron I, Matheson C, McNamee P, Robinson A, Bond C. A randomised comparison of methadone against buprenorphine in the treatment of opioid dependency: a feasibility study. Annual Scientific Meeting of the Society of Academic Primary Care, 2004.
50. Vanoli A, McNamee P, Hutchings D, Bond J, McKeith J. An economic approach to the measurement of benefits of cholinesterase inhibitors in Alzheimer's Disease. British Society of Gerontology Conference, Newcastle, 2003.
51. McNamee P, Glendinning S, Shenfine J, Steen N, Griffin SM, Bond J. Palliative therapies for oesophageal cancer: assessment of costs and quality of life. International Society for Technology Assessment in Health Care (ISTAHC), Canmore, 2003.
52. McNamee P. Ageing, proximity to death and health care expenditures. *Session Organiser, Chair and Discussant*. International Health Economics Association (iHEA) 4th World Congress, San Francisco, 2003.
53. McNamee P, Glendinning S, Shenfine J, Steen N, Griffin SM, Bond J. Chained time trade-off and standard gamble methods: applications in oesophageal cancer. Fourth European Conference on Health Economics, Universite Paris V Rene Descartes, Paris, 2002.
54. McNamee P. A review of the literature on the economics of noncompliance (discussant). Health Economists' Study Group (HESG) Conference, Oxford, 2001.
55. Shenfine J, McNamee P, Glendinning S, Steen N, Griffin SM, Bond J. Comparing Time Trade Off and Standard Gamble methods to measure preferences for health

- outcomes and treatments in oesophageal cancer. Second European Conference on the Economics of Cancer, EORTC, Brussels, 2000.
56. McNamee P. The role of conjoint analysis in the measurement of exposure to injury risk for children and parents. Third International Burden of Injury Conference, Baltimore, 2000.
 57. McNamee P. Exploring variation in the demand for care using Grade of Membership Analysis. Health Economists' Study Group (HESG) Conference, Newcastle, 2000.
 58. McNamee P. Scenarios or discrete states in the calculation of preference scores and QALYs (poster presentation). International Health Economics Association (iHEA), 2nd World Conference, Rotterdam, 1999.
 59. McNamee P. Endogenous growth theory: potential applications in health economics (poster presentation). International Health Economics Association (iHEA), 2nd World Conference, Rotterdam, 1999.
 60. McNamee P. Using HRGs as indicators of medical practice variation in NHS Trusts (discussant). Health Economists' Study Group (HESG) Conference, Galway, 1998.
 61. McNamee P, Godber E. Assessing and applying effectiveness and cost effectiveness evidence in purchasing organisations: problems and prospects. Health Economists' Study Group (HESG) Conference, Aberdeen, 1995.
 62. McNamee P, Parkin D, Steen N, Hutchinson. An assessment of ambulatory patient groups for the NHS. Patient Classification Systems Europe (PCSE) Annual Conference, Gothenburg, 1994.
 63. McNamee P, Parkin D, Steen N, Hutchinson. The value of ambulatory care case-mix measures for the NHS. Patient Classification Systems Europe (PCSE) Annual Conference, Munich 1993.
 64. McNamee P, Parkin D, Steen N, Hutchinson. Assessment of ambulatory care case-mix measures for the NHS. National Case-mix Office, Cardiff, 1993.

Book Chapters and Commentaries

1. Acharya A, McNamee P. Assessing Gujarat's Chiranjeevi scheme (Commentary). *Economic and Political Weekly*. 2009, 44: 13-15.
2. McNamee P, Stearns SC. Ageing, disability and long-term care expenditures. In Scott A, Maynard A and Elliot R (eds). *Advances in Health Economics*. Chichester: Wiley, 2003.
3. McNamee P. Interferon beta-1b is not cost-effective for treating secondary progressive multiple sclerosis (Commentary). *Evidence Based Health Care* 2000, 4:66.

Published Reports and Other Commissions

1. Langlands A (Chair), Dowdle R, Elliott A, Gaddie J, Graham A, Johnson G, Lam S, McGowan A, McNamee P, Morrison J, Murphy T, Reynard, K, Rudge P, Trueland J. RCPE UK Consensus Statement on Acute Medicine. Edinburgh: RCPE, 2008.
2. McNamee P. Wanless Social Care Review: effects of Free Personal Care Policy in Scotland. An examination of trends in the use of informal and formal care provision at home and in the care home sector. *King's Fund Background Paper*, 2006.
3. Ternent L, Chikwama C, McNamee P, Newlands D, Lobban A. The economic costs and consequences of maternal ill-health. *IMMPACT report*, 2005. <http://www.abdn.ac.uk/impact/resources/eo/index.php>
4. Olson J, Sharp P, Goatman K, Prescott G, McNamee P. The role of automated grading of diabetic retinopathy in a primary care screening programme. *CSO Final Report*, 2005.
5. Matheson C, Bond C, Cameron I, Lawrie T, McNamee P, Robinson A, Eagles L. A Feasibility Study of Supervised Administration of Buprenorphine in Community Pharmacies. *CSO Final Report*, 2004.
6. Bond J, McNamee P, Vanoli A, Hutchings D, McKeith I. A study of the impact of new drugs for Alzheimer's Disease. *Final Report: The Wellcome Trust*, 2004.
7. Lock CA, Crawshaw A, Kaner EFS, Heather N, McNamee P, Purdy S, Pearson P, McAvoy B, Tait L, Eisner M. A cluster randomised controlled trial of the effectiveness and cost-effectiveness of nurse-led screening and brief alcohol interventions in primary health care. *Final Report: Northern and Yorkshire NHS Executive, Research and Development Directorate*, 2003.
8. Tappenden P, Chilcott J, O'Hagan A, McCabe C, Cooper N, Abrams K, Ebers G, Fenwick E, McNamee P, Parkin D, Sculpher M. Cost effectiveness of beta interferons and glatiramer acetate in the management of multiple sclerosis. *Final Report to the National Institute for Clinical Excellence*, 2001.
9. Hutchinson A, McNamee P, Parkin D. Evaluation of ambulatory case mix measures for the NHS. *Final report prepared for the National Casemix Office of the NHS Executive*, 1994.

Grants Awarded (total income over £13 million)

1. Lessening the Impact of Fatigue: Therapies for Inflammatory Rheumatic Diseases (LIFT). *Co-Investigator* with N Basu (University of Aberdeen). Funded by Arthritis Research UK, £735,536, 2016-2020.
2. Mental health and the PATH to midlife. *Co-Investigator* with P Butterworth (University of Melbourne). Funded by NHMRC Australia, \$707,000, 2016-2019.
3. Maintaining Musculoskeletal Health (MAMMOTH). *Co-Investigator* with G Macfarlane (University of Aberdeen). Funded by Arthritis Research UK, £809,403, 2015-2019.
4. Enhancing the quality of social care through economic analysis. *Principal Investigator*. Funded by ESRC & Scottish Government. £45,000, 2015-2018.
5. NHS Lothian Anticipatory Care Planning evaluation. *Principal Investigator*. Funded by NHS Lothian £50,000, 2016-2017.
6. Vitamin K supplementation to reduce falls in older people - a multicentre trial (K-SWAY). *Co-Investigator* with M Witham (University of Dundee). Funded by CSO, £213,493 2016-2018.
7. Does oral sodium bicarbonate therapy improve function and quality of life in older patients with chronic kidney disease and low-grade acidosis? A multicentre randomized placebo controlled trial (BICARB). *Co-Investigator* with M Witham (University of Dundee). Funded by NIHR Health Technology Assessment Programme, £1,159,117, 2012-2020.
8. British Society of Rheumatology Biologics Register. *Co-Investigator* with G Macfarlane (University of Aberdeen). Funded by British Society of Rheumatology, £884,233, 2012-2017.
9. Maintained physical activity and physiotherapy in the management of distal arm pain. *Co-Investigator* with G Jones (University of Aberdeen). Funded by Arthritis Research UK, £666,650, 2010-2015.
10. Engaging with older people to develop and deliver interventions for the self-management of chronic pain (EPIC). *Co-Investigator* with B Smith (University of Dundee). Funded by the Medical Research Council, £1,058,605, 2010-2014.
11. Technologies to support older people at home: maximising personal and social interaction – TOPS. *Co-Investigator* with P Wilson (University of Aberdeen). Funded by dot.rural, £92,569, 2010-2013.
12. Assessment of the cost-effectiveness of magnetic resonance including diffusion-weighted brain imaging in patients with transient ischaemic attack and minor stroke. *Co-Investigator* with J Wardlaw (University of Edinburgh). Funded by NIHR Health Technology Assessment Programme, £264,260, 2010-2012.
13. Surgical Trial In Traumatic intraCerebral Haemorrhage (STITCH). *Co-Investigator* with D Mendelow (University of Newcastle). Funded by NIHR Health Technology Assessment Programme, £2,163,218, 2010-2014.

14. The Scottish Cervical Cancer Prevention Programme: Assessing and modelling the impact of HPV 16/18 immunisation on the performance of current cervical screening. *Co-Investigator* with M Cruickshank (University of Aberdeen). Funded by the Chief Scientist Office, £515,298, 2010-2015.
15. Feasibility study of use of direct payments for informal care. *Joint Principal Investigator* with A Ludbrook (University of Aberdeen). Funded by the Chief Scientist Office, £20,000, 2010-2011.
16. Development of practice-based pharmacist-led management of chronic pain in primary care for evaluation by a RCT. *Co-Investigator* with C Bond (University of Aberdeen). Funded by the Medical Research Council, £334,123, 2009-2011.
17. Improving the value of screening for diabetic macular oedema using surrogate photographic markers. *Co-Investigator* with J Olson (University of Aberdeen). Funded by NIHR Health Technology Assessment Programme, £464,949, 2008-2011.
18. Managing Unexplained Symptoms (chronic widespread pain) In primary Care: Involving traditional and Accessible New approaches (MUSICIAN). *Co-Investigator* with G Macfarlane (University of Aberdeen). Funded by Arthritis Research Campaign, £376,406, 2007-2010.
19. Glucosamine and chondroitin for osteoarthritis of the knee. *Co-Investigator* with C Black (University of Aberdeen). Funded by NIHR Health Technology Assessment Programme, £80,000, 2008-2009.
20. Early referral strategies for patients with markers of possible early renal disease. *Co-Investigator* with C Black (University of Aberdeen). Funded by NIHR Health Technology Assessment Programme, £122,302, 2008-2009.
21. Family Labour Supply Effects of Psychiatric Morbidity in Elders. *Joint Principal Investigator* with V Wilcox-Gök, (Northern Illinois University). Funded by the Chief Scientist Office, £22,000, 2008.
22. Valuation of informal care: comparison, development and application of methods. *Principal Investigator* with M Ryan (University of Aberdeen). Funded by the Medical Research Council, £56,296, 2005-2008.
23. Non-pharmacological interventions for adults with impaired glucose tolerance. *Co-Investigator* with N Waugh (University of Aberdeen). Funded by NIHR Health Technology Assessment Programme, £80,000, 2006-2008.
24. An evaluation of an adapted United States model of pharmaceutical care to improve psychoactive prescribing for care home residents in Scotland. *Co-Investigator* with M Kind (University of Aberdeen). Funded by the Chief Scientist Office, £18,944, 2006-2007.
25. Measurement and valuation of inequality aversion and distribution of outcomes in maternal health. *Co-Investigator* with D Newlands (University of Aberdeen). Funded by the Gates Foundation and the Department for International Development, £19,000, 2006-2007.
26. The economic valuation of maternal mortality and morbidity. *Co-Investigator* with D Newlands (University of Aberdeen). Funded by the Gates Foundation and the Department for International Development, £19,000, 2005-2007.

27. The measurement and valuation of productivity costs: a household level analysis. *Co-Investigator* with D Newlands (University of Aberdeen). Funded by the Gates Foundation and the Department for International Development, £19,000, 2005-2007.
28. The role of automated level two grading within the Diabetic Retinopathy Screening Collaborative Network. *Co-Investigator* with J Olson (University of Aberdeen). Funded by the Chief Scientist Office, £183,743, 2005-2007.
29. A cluster randomised trial to investigate the use of a decision aid for the diagnosis of active labour in term pregnancy. *Co-Investigator* with H Cheyne (University of Stirling). Funded by the Chief Scientist Office, £201,538, 2005-2007.
30. Effective treatment of fertility. *Co-Investigator* with S Bhattacharya (University of Aberdeen). Funded by The Wellcome Trust, £775,757, 2005-2007.
31. Wanless Social Care Review: effects of Free Personal Care in Scotland. *Principal Investigator*. Funded by the King's Fund, £4,350, 2005-2006.
32. Screening for Type II diabetes: literature review. *Co-Investigator* with N Waugh (University of Aberdeen). Funded by NIHR Health Technology Assessment Programme, £80,000, 2005-2006.
33. A feasibility study for a future economic evaluation of instalment dispensing for newly prescribed medicines. *Co-Investigator* with J Miller (University of Aberdeen). Funded by the Chief Scientist Office, £20,320, 2005.
34. The role of automated grading of diabetic retinopathy in a primary care screening programme. *Co-Investigator* with J Olson (University of Aberdeen). Funded by the Chief Scientist Office, £203,827, 2003-2005.
35. A feasibility study of supervised administration of buprenorphine in community pharmacies. *Co-Investigator* with C Matheson (University of Aberdeen). Funded by the Chief Scientist Office, £20,374, 2003-2004.
36. A Study of the Impact of New Drugs for Alzheimer's Disease (SINDAD). *Co-Investigator* with J Bond (University of Newcastle). Funded by The Wellcome Trust, £115,894, 2002-2004.
38. Early screening for fetal anomalies. *Co-Investigator* with S Robson (University of Newcastle). Funded by NHS Executive R&D, £75,000, 2000-2003.
39. A randomised controlled trial of the effectiveness and cost-effectiveness of nurse-led screening and brief alcohol interventions in primary care. *Co-Investigator* with E Kaner (University of Newcastle). Funded by NHS Executive R&D, £139,226, 1999-2002.
40. Randomised controlled trial of the cost-effectiveness of upper limb therapies for stroke. *Co-Investigator* with H Rodgers (University of Newcastle). Funded by NHS Executive R&D, £75,000, 1999-2002.
41. Randomised controlled trial of the cost-effectiveness of palliative therapies for patients with oesophageal cancer. *Co-Investigator* with SM Griffin (University of Newcastle). Funded by NIHR Health Technology Assessment Programme, £569,599, 1998-2002.

42. Direct GP access for children with urinary tract infections. *Co-Investigator* with M Coulthard (University of Newcastle). Funded by Newcastle and North Tyne Health Authority, £75,000, 1998-2001.

Other Professional Activities:

Honorary Appointments

Visiting Fellow, Australian National University, 2012-current.

Committee, Editorial Board, Expert Panel and Working Group Membership

Scientific Committee, 3rd Joint Collège des Economistes de la Santé (CES) and Health Economists' Study Group (HESG) conference, Aix-en-Provence, France, 2011-12.

Member, National Institute of Health Research (NIHR) Applied Programme Grants Funding Panel, 2011.

Editorial Board, *Comparative Effectiveness Research*, 2011-present.

Editorial Board, *BMC Medical Research Methodology*, 2011-present.

Member, Scottish Health Technologies Group, 2011-present.

Chair, HERU Preference Elicitation and Assessment of Technologies (PEAT) Programme Advisory Group, 2009-2013.

Member, Scottish Medicines Consortium (SMC), 2009-2015.

Member, National Institute of Health Research College of Experts, 2009-present.

Member, UK Primary Care Research Portfolio Panel, 2009.

Chair, University of Aberdeen Institute of Applied Health Sciences (IAHS) Research Governance and Quality Assurance Committee, 2007-2012.

Member, University of Aberdeen IAHS Research Governance and Quality Assurance Committee, 2004-2012.

Chair, University of Aberdeen IAHS Monitoring and Audit Group (MAGI), IAHS, 2012-2015.

Member, University of Aberdeen IAHS Monitoring and Audit Group (MAGI), IAHS, 2007-2015.

Member, Development of Pharmacoeconomic Evaluation Scorecard for Hospital Pharmacists Working Group, Brussels, Belgium, 2009.

Member, MRC College of Experts, 2005-2008.

Member, Scottish Longitudinal Study of Ageing Working Group, 2008.

Member, Royal College of Physicians of Edinburgh Expert Panel-Acute Medicine, 2008.

Member, Scottish Primary Care Collaborative Expert Panel-Early Kidney Disease, 2007.

Member, NICE Technology Appraisals Methods Working Group, 2007.

Member, Scottish Executive Healthy Life Expectancy Steering Group, 2003.

Lead Conference Organiser, Economics of Diagnostic Imaging, Edinburgh, 2003.

Refereeing

1. Scientific Journals

Alzheimer's & Dementia
Applied Health Economics & Policy
British Medical Journal
British Journal of Psychiatry
Cochrane Effective Practice & Organisation of Care
European Journal of Health Economics
Expert Review of Pharmacoeconomics & Outcomes Research
Health and Quality of Life Outcomes
Health Economics
Health Expectations
Health Policy
Heart
Journal of Health Economics
Journal of Health Services Research & Policy
Journal of Policy Analysis & Management
Lancet
Medical Principles & Practice
Medical Decision Making
Pharmacoeconomics
Psychological Medicine
Public Money & Management
Social Science and Medicine

2. Grant Awarding Bodies

Chief Scientist Office
Department of Health NHS Policy Research Programme
Economic and Social Research Council
Medical Research Council
National Institute for Health and Clinical Excellence
Netherlands Organisation for Health Research and Development (ZonMw)
NIHR R & D Health Technology Assessment Programme
Singapore Ministry of Health

Teaching activities

1. Undergraduate and Postgraduate Taught Courses

MA Economics, University of Aberdeen, EC3518. Six lectures and four seminars on economic evaluation and valuation of outcomes. Also set and mark exam scripts and assignments, 2007-present.

Postgraduate Certificate in Health Economics (Distance Learning Course), Module Leader, University of Aberdeen. Also set assignments, 2004-present.

BSc Health Sciences, Health Economics Course Co-ordinator and Main Lecturer, University of Aberdeen, HE4015. Also set and mark exam scripts and assignments, 2002-2006.

Research Methods for Health Care, NHS Education for Scotland. Introductory health economics lecture, 2003-2008.

MSc Health Sciences, Health Economics Course Co-ordinator and Main Lecturer, University of Newcastle. Also set and mark exam scripts and assignments, 1997-2002.

2. Research and Taught Degree Supervision and Examination

PhD Supervision & Advisory Roles

PhD Health Economics, University of Aberdeen, Lead Supervisor, *Applying Economic Methods to Optimise Self-Management*. Laura Dysart (2014-current).

PhD Health Economics, University of Aberdeen, Lead Supervisor, *Enhancing Quality in Social Care through Economic Analysis*. Kevin Momanyi (2015-current).

PhD Health Economics, University of Aberdeen, Lead Supervisor, *Valuing Outcomes in Economic Evaluations of Maternal and Reproductive Health Care Interventions*. Graham Scotland, 2005-2011 (part-time candidate).

PhD Health Economics, University of Aberdeen, Lead Supervisor, *Testing Methods to Value Health Outcomes in Developing Countries using Stated Preference Techniques*. Laura Ternent, 2005-2011 (part-time candidate).

PhD Health Economics, University of Aberdeen, Lead Supervisor, *Economic Issues of Informal Care: Values and Determinants*. Emmanouil (Manos) Mentzakis, 2005-2008.

PhD Health Economics, University of Aberdeen, Thesis Adviser, *NHS skills mix and labour markets: The role of reward structures, shortages and competition in determining the mix of the NHS workforce*. Jean-Baptiste-Combes, 2008-2012.

PhD Examination

PhD Applied Social Science, University of Stirling, External Examiner, *Developing approaches to measure dependency across different domains of need in later life*. Robert Sanders, 2015.

PhD Health Economics, University of Aberdeen, Internal Examiner, *Time Preferences for Future Health Events*. Ewan Gray, 2013.

PhD Health Services Research, University of Aberdeen, Internal Examiner, *The introduction of new interventional procedures to health care: exploring information needs and the feasibility of providing additional information*. Tania Lourenco, 2010.

PhD Health Economics, University of Aberdeen, Internal Moderator, *Studies of the job satisfaction and labour supply of hospital consultants*. Divine Ikenwilo, 2010.

PhD Health Economics, University of Aberdeen, Internal Moderator, *Making Delivery Care Free: Evidence from Ghana and Senegal on Implementation, Costs and Effectiveness of National Delivery Exemption Policies*. Sophie Witter, 2008.

MSc Supervision & Examination

MSc Health Economics, University of Aberdeen, First Supervisor, Meryl Heggeland, 2015.

MSc Health Economics, University of Aberdeen, First Supervisor, Moray Baylis, 2013.

MSc Health Economics, University of York, First Supervisor, Silvia Coretti, 2013.

MSc Economics, University of Warwick, Advisor, Jen Ljungqvist, 2013.

MSc Economics, Scottish Graduate Programme in Economics. External Examiner and Supervisor, 2013.

MSc Health Economics, University of York, First Supervisor, Alice Bessey, 2010.

MSc Health Services and Public Health Research, University of Aberdeen, First Supervisor, Othniel Danat, 2009.

MSc Economics, Scottish Graduate Programme in Economics. External Examiner and Supervisor, 2008.

MSc Health Services and Public Health Research, University of Aberdeen, First Supervisor, Shirley Xiu, 2005.

MSc Health Economics, University of York, First Supervisor, Jacob Christensen, 1997.

BSc Health Sciences, University of Aberdeen, First Supervisor, Alison Lowett, 2003.

Prizes and Awards

Australian Bicentennial Fellowship, Menzies Centre for Australian Studies, King's College London, 2011-12.

Best poster prize: Are socio-demographic and economic variables associated with ICECAP-O values? Third ICECAP Users Workshop, Birmingham, 2014.

Best poster prize: The effect of economic status on care decisions: results arising from the Free Personal Care policy in Scotland. Health in Ageing – Achievements and Potential of Longitudinal Research Conference, Dublin, 2008.

Royal Society of Edinburgh International Visiting Fellow award, Centre for Social Studies (CSS), Surat, & Indian Institute of Management (IIM), Ahmedabad, India, 2008.