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### **EDUCATIONAL BACKGROUND AND EXPERIENCE:**

**Institutions attended** Selwyn Jones High School, New ton-le-Willows, Merseyside, 1972 - 1979  
Faculty of Medicine, University of Edinburgh, 1979 - 1984  
Faculty of Medicine, University of Aberdeen, 1989 - 1997

**Qualifications obtained** MB. ChB. (Distinction and Class Medal in Community Medicine) 1984  
University of Edinburgh  
PhD. 1998  
*Thesis: Evaluation of four quality assurance initiatives to improve out-patient referrals from general practice to hospital*  
University of Aberdeen

## **MEMBERSHIP OF PROFESSIONAL BODIES AND PROFESSIONAL QUALIFICATIONS**

Full registration with General Medical Council (Registration Number 2944111) 1985

Member of the Royal College of General Practitioners (awarded with distinction) 1993

Fellow of the Royal College of General Practitioners 1999

## **EMPLOYMENT HISTORY**

**Director of the Clinical Epidemiology Programme, Ottawa Health Research Institute, Canada.  
Head, Center of Best Practice, Institute of Population Health, University of Ottawa, Canada.  
Tier I Canadian Research Chair in Health Knowledge Transfer and Uptake  
Geographical Full Time (GFT) Full Professor, Department of Epidemiology and Community  
Medicine, Faculty of Medicine, University of Ottawa.  
From January 2002.**

**Visiting Professor in the Centre for Health Services Research, University of Newcastle upon  
Tyne, UK.  
From August 2001 to June 2004**

**Personal Chair of Health Services Research, University of Aberdeen, UK.  
June 1998 to December 2001**

**Programme Director, Health Services Research Unit, University of Aberdeen, UK.  
October 1994 to December 2001**

My position entails responsibility for developing the Effective Professional Practice Programme. The aim of the programme is to evaluate different dissemination and implementation strategies to promote the uptake of research findings. The programme includes four areas of activity. The first area is *systematic reviews* of educational, organisational, financial and regulatory interventions to promote effective professional practice. The Editorial Base of the Cochrane Effective Practice and Organisation of Care review group is based in Aberdeen and represents a key component part of the Programme's work. The second area is *rigorous studies of dissemination and implementation activities*, wherever possible comparing different strategies within studies and including economic analysis. The third is *methodological research* on guidelines development, dissemination, implementation and appraisal. The fourth area is *support of service developments*. The programme is probably the largest programme on implementation research in the United Kingdom. My specific responsibilities within the programme have been to develop grant applications, manage ongoing projects and supervise programme based staff.

In addition, I have senior management responsibility within the Health Services Research Unit. I am a member of the Unit Board of Directors (which advises the Director about strategic issues), the Programme Directors group and the Unit Management Team (which is responsible for many aspects of the day to day management of the Unit).

Whilst my current post is committed in the main to research, I have been involved in postgraduate teaching including the Health Services Research module of the MSc in Health Services and Public Health Research. I regularly contribute to continuing professional education activities. I have supervised a number of undergraduate and postgraduate students undertaking BSc, BMed Sci, MSc and PhD theses.

I worked as an assistant general practitioner for 2 surgeries a week at Oldmachar Medical Practice until May 1996.

**Senior Clinical Research Fellow (0.5FTE) Health Services Research Unit, and Senior Lecturer (0.5FTE), Department of General Practice, University of Aberdeen, UK.**

**September 1993 to September 1994**

I had responsibility for developing a programme of research around the development and implementation of clinical guidelines. I was a member of the Unit Management Team and the Computing Group of the Health Services Research Unit. I was the Chairman of a Department of General Practice Research Working Group and the library representative. I represented the Department of General Practice on the North East of Scotland Regional GP Postgraduate Medical Education Subcommittee between 1991-3. I participated in undergraduate and postgraduate teaching. I was the course co-ordinator for the Health Care Evaluation module of the MSc in Public Health. In addition I worked as an assistant general practitioner for 2 surgeries a week at Oldmachar Medical Practice.

**Wellcome Training Fellow in Health Services Research, Department of General Practice and Health Services Research Unit, Department of Public Health, University of Aberdeen, UK.**

**September 1989 to August 1993**

I was responsible for the planning and conduct of a large intervention study to evaluate four different interventions to improve outpatient referrals from general practice. In addition, I became involved in some aspects of management of both the Health Services Research Unit and Department of General Practice. I also participated in undergraduate and postgraduate teaching.

**General Practice Vocational Training Northumberland Vocational Training Scheme. Rotating Senior House Officer appointments in Northern Region, UK.**

**August 1985 to July 1989**

I was a general practitioner trainee and senior house officer for the following posts:

General Practice Trainee, Pallion Health Centre, Sunderland, August 1985 to January 1986.

Senior House Officer in Geriatric Medicine, Newcastle General Hospital, February 1986 to July 1986.

Senior House Officer in Paediatrics, Sunderland District General Hospital, August 1986 to January 1987.

Senior House Officer in General Psychiatry, Cherry Knowle Hospital, Sunderland, February 1987 to July 1987.

Senior House Officer in Obstetrics and Gynaecology, South Shields General Hospital, August 1987 to January 1988.

General Practice Trainee, Grove Medical Group, Newcastle upon Tyne, February 1989 to July 1989.

I also undertook an elective period from February 1988 to January 1988. During this period: I worked as a Senior House Officer in General Psychiatry and Psychogeriatrics at South Shields General

Hospital (February 1988 to July 1988); travelled in South Africa, Zimbabwe and Botswana (July 1988 to August 1988); worked as a locum general practitioner at the Doctors Deputising Service, Brisbane Locum Service (September 1988 to December 1988); and travelled in China and Hong Kong (December 1988 to January 1989).

**Medical House Officer in General Medicine, Deaconess Hospital, Edinburgh.  
August 1984 to January 1985**

**Surgical House Officer, Leith Hospital, Edinburgh.  
February 1985 to July 1985**

## BIBLIOGRAPHY

### REFEREED PAPERS

1. Mowatt G, Shirran L, **Grimshaw JM**, Rennie D, Flanagan A, Yank V, MacLennan G, Gotzsche P, Alderson P, Bero L. Survey of Contributorship in Cochrane Reviews. *JAMA (accepted for publication)*
2. Eccles M, Hawthorne G, Whitty P, Steen N, Vanoli A, **Grimshaw J**, Wood L. A randomized controlled trial of a patient based Diabetes Recall and Management System: The DREAM Trial: Study Protocol (2002). *ISRCTN32042030. Biomed Central (in press)*.
3. Boruch B, Foley E, **Grimshaw J**. Estimating the Effects of Organization Wide Interventions: Place-based Randomized Trials (2002). *Socialvetenskapling (accepted for publication)*.
4. Foy R, Penney GC, MacLennan G, **Grimshaw J**, Campbell M, Grol R (2002). Attributes of clinical recommendations that influence change in practice following audit and feedback. *Journal of Clinical Epidemiology (accepted for publication)*.
5. Matowe L, Ramsay C, **Grimshaw JM**, Gilbert F, Needham G, Macleod MJ (2002). Influence of the Royal College of Radiologists' guidelines on referrals from general practice: A time series analysis. *Clinical Radiology (accepted for publication)*.
6. Stone EG, Morton SC, Hulscher ME, Maglione MA, Roth EA, **Grimshaw JM**, Mittman BS, Rubenstein LV, Rubenstein LZ, Shekelle PG (2002). Interventions that increase cancer screening and immunizations in adults: a meta-analysis of 218 controlled studies. *Annals of Internal Medicine (accepted for publication)*.
7. Watson MC, **Grimshaw JM**, Bond CM, Mollison J, Ludbrook A (2002). Oral versus intra-vaginal imidazole and triazole anti-fungal treatment of uncomplicated vulvovaginal candidiasis (thrush): A systematic review. *British Journal of Obstetrics and Gynaecology (accepted for publication)*
8. Campbell SE, Campbell MK, **Grimshaw JM**, Walker AE (2001). A systematic review of discharge coding accuracy. *Journal of Public Health Medicine*, **23**, 205 - 211.
9. Campbell SE, Walker AE, **Grimshaw JM**, Campbell MK, Lowe GDO, Harper D, Fowkes FGR, Petrie JC and the TEMPEST group (2001). The prevalence of prophylaxis for deep vein thrombosis in acute hospital trusts. *International Journal of Quality Assurance in Health Care*, **13**, 309-316.
10. Campbell MK, Mollison JA, **Grimshaw JM** (2001). Cluster trials in implementation research: estimation of intracluster correlation coefficients and sample size. *Statistics in Medicine*, **20**, 391-399.
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<http://www.bmj.com/cgi/content/full/318/7182/527/DC1>.
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## Published abstracts

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2. Watson MC, Bond CM, **Grimshaw JM**, Mollison J, Ludbrook A (2001). Evidence-based guidelines for minor illness in community pharmacies: a randomised controlled trial (RCT). *Journal of Epidemiology and Community Health*, **55**, Suppl A46.
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### **Books and reviews**

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2. **Grimshaw JM**, Ward J, Eccles MP (2001). Getting research into practice. In Pencheon D, Muir Gray JA, Guest C, Melzer D (eds). *Oxford Handbook of Public Health*. Oxford University Press, Oxford (*in press*).
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### **Project reports and monographs**

1. The AGREE Collaboration (2002). *Appraisal of Guidelines for Research and Evaluation (AGREE) Instrument*. London, St George's Hospital Medical School. ([www.agreecollaboration.org](http://www.agreecollaboration.org))
2. Eccles M, Steen S, **Grimshaw JM**, Thomas L, McNamee P, Soutter J, Wilsden J, Matowe L, Gilbert F, Needham G, Bond S (2000). *A cluster randomised controlled trial of the impact of audit and feedback and educational reminder messages on changing radiology referrals from primary care - the NEXUS study. Final Report*. Newcastle on Tyne: Centre for Health Services Research.
3. **Grimshaw JM**, Greener J, MacLennan G, Ibbotson T, Eccles M Sullivan F, Kahan J, (2000). *Is the involvement of opinion leaders in the implementation of research findings a feasible strategy? Final Report*. University of Aberdeen: Health Services Research Unit.

4. **Grimshaw JM**, Shirran E, Fraser C, Winkens R, Gruintjes FWG (2000). *Systematic review of interventions to improve outpatient referrals from primary care to secondary care. Unit Report.* University of Aberdeen: Health Services Research Unit.
5. McColl E, Eccles MP, Purves I, Rousseau N, Steen IN, Booth N, **Grimshaw JM** (2000). *Identifying 'guideline eligible' patients through general practice computerised databases. Centre for Health Services Research Report 103.* Newcastle upon Tyne, Centre for Health Services Research.
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11. **Grimshaw JM** (1998). *AFROIMPLEMENT: Ensuring clinical effectiveness by closing the gap between science and practice: A European/Southern African Collaboration - Phase 1. Final Report.* University of Aberdeen: Health Services Research Unit.
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## Other reports, commissions and exhibitions

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11. **Grimshaw JM** and Thomas M (1988). The History of the National GP Trainees' Conference. *Horizons*, **2**, 417-421.
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## GRANTS AWARDED

1. **Title: An international study of health research funding agencies' support and promotion of knowledge transfer**  
Co-holders: Dr Ian Graham (Clinical Epidemiology Program. Ottawa Health Research Institute), Bev Shea (Center for Best Practice, Institute of Population Health), Professor Lisa Bero (Department of Clinical Pharmacy, University of California, San Francisco, USA), Professor Pierre Durieux (Faculté de Médecine Broussais Hotel-Dieu France), Professor Martin Eccles (Centre for Health Services Research, University of Newcastle upon Tyne, UK); Dr Andy Oxman (Health Services Research Unit, National Institute of Public Health, Oslo, Norway), Professor Jeanette Ward (Division of Population Health for the South Western Sydney Area Health Service, Sydney, Australia), Dr Michel Wensing (Centre for Quality of Care Research (WOK), University of Nijmegen, Netherlands)  
Funding body, amount and date: Canadian Institute for Health Research (Strategies for knowledge translation), CDN 84,430, January 2002.
2. **Title: How are Canadian health researchers promoting the uptake of their research?**  
Co-holders: Dr Ian Graham, Dr Paul Hebert (Clinical Epidemiology Program. Ottawa Health Research Institute)  
Funding body, amount and date: Canadian Institute for Health Research (Strategies for knowledge translation), CDN 87,237, January 2002.
3. **Title: Canadian Research Chair of Health Knowledge Transfer and Uptake (Tier I chair)**  
Co-holders: None  
Funding body, amount and date: Canadian Foundation for Innovation CDN 1,400,000 (Chair), CDN 122,600 (Infrastructure), Ottawa Innovation Trust CDN 122,600, November 2001.
4. **Title: Process modelling in implementation research: selecting a theoretical basis for interventions to change clinical practice**  
Co-holders: Dr Anne Walker, Dr Craig Ramsay (Health Services Research Unit, University of Aberdeen), Professor Martin Eccles (Centre for Health Services Research, University of Newcastle upon Tyne), Professor Maire Johnston (Department of Health Psychology, University of St Andrews); Professor Nigel Pitts (Dental Health Services Research Unit, University of Dundee).  
Funding body, amount and date: Medical Research Council, £407,151, December 2001
5. **Title: Improving the appropriateness of clinical laboratory test requests. (Wellcome HSR Training Fellowship)**  
Co-holders: Ruth Thomas, Dr Bernie Croal (Health Services Research Unit, University of Aberdeen).  
Funding body, amount and date: Wellcome Trust, £169,731, May 2001
6. **Title: Developing optimal strategies for evidence based pharmaceutical practice in the community pharmacy setting (MRC HSR Training Fellowship)**

Co-holders: Dr Margaret Watson, Professor Christine Bond (Department of General Practice, University of Aberdeen)

Funding body, amount and date: Medical Research Council, £168,827, May 2001

7. **Title: Cochrane Effective Practice and Organisation of Care group**  
Co-holders: Graham Mowatt (Health Services Research Unit, University of Aberdeen)  
Funding body, amount and date: NHS Research and Development Programme, £375,000 April 2001.
8. **Title: The effect of remuneration and education on the implementation of research evidence to reduce inequalities in oral health.**  
Co-holders: Dr Janet Clarkson, Professor Nigel Pitts (Dental Health Services Research Unit, University of Dundee); Professor Marie Johnston (Department of Health Psychology, University of St Andrews); Dr Jim Rennie Dr Elaine Humphreys (Scottish Council for Postgraduate Medical and Dental Education); Professor Richard Ibbetson (Edinburgh Postgraduate Dental Institute, University of Edinburgh); Professor Frank Sullivan (Department of Primary Care University of Dundee); Dr Tony Scott (Health Economics Research Unit, University of Aberdeen); Dr Craig Ramsay (Health Services Research Unit, University of Aberdeen); Dr Lorna Macpherson, Dr Madeleine Murray (Glasgow Dental Hospital and School, University of Glasgow); Dr Daffyd Evans (University of Dundee); Dr Chris Southwick (General Dental Practitioner, Tayside)  
Funding bodies, amount and date of award: Scottish Higher Education Funding Council, Chief Scientist Office of Scottish Office Department of Health, £382,473, March 2001.
9. **Title: A randomised controlled trial of a Diabetes Recall And Management system for Diabetes: the DREAM Trial.**  
Co-holders: Professor Martin Eccles, Dr Nick Steen, Alessandra Vanoli (Centre for Health Services Research, University of Newcastle upon Tyne); Dr Paula Whitty (Department of Epidemiology and Public Health, University of Newcastle upon Tyne); Dr Gillian Hawthorne, Hartlepool and North Tees Acute Trusts.  
Funding bodies, amount and date of award: Diabetes UK, Northern and Yorkshire Regional R&D Office, £99,975, January 2001.
10. **Title: Does a national clinical effectiveness programme have any impact on the use of a clinical guideline?**  
Co-holders: Dr Robbie Foy, Dr Gillian Penney, Department of Reproductive and Developmental Sciences, University of Edinburgh; Craig Ramsay, Luke Vale, Health Services Research Unit, University of Aberdeen; Professor Ian Greer and Dr Andrew Thomson, Department of Obstetrics and Gynaecology, University of Glasgow.  
Funding body, amount and date of award: Nuffield Trust, £11,151, September 2000.
11. **Title: A randomised evaluation of a strategy, delivered within a national clinical effectiveness programme, to improve implementation of a clinical guideline on women requesting induced abortion**  
Co-holders: Dr Robbie Foy, Dr Gillian Penney, Department of Reproductive and Developmental Sciences, University of Edinburgh; Craig Ramsay, Dr Anne Walker, Health

Services Research Unit, University of Aberdeen; Dr Jim Chalmers, Information and Statistics Division, Edinburgh; Dr Anna Glasier Family Planning and Well Woman Services, Lothian Primary Care NHS Trust.

Funding body, amount and date of award: Chief Scientist Office of Scottish Office Department of Health, £82,477, September 2000.

12. **Title: Implementing evidence based implementation of guidelines in primary care (PhD studentship)**

Co-holders: Dr Anne Walker, Health Services Research Unit, University of Aberdeen

Funding body, amount and date of award: Chief Scientist Office, , £46,351, October 2000.

13. **Title: Structured primary care-based recall and management systems for chronic disease: demonstrator project for managing patients with ischaemic heart disease.**  
Co-holders: Professor Phil Hannaford, Department of General Practice, University of Aberdeen; Dr Martin Cowie Department of Medicine and Therapeutics, University of Aberdeen.  
Funding body, amount and date of award: Parke Davis educational grant, May 2000, 12 months.
14. **Title: Development of European Referral Criteria Guidelines for Health Care Professionals Who Prescribe Imaging Investigations Involving Ionising Radiation**  
Co-holders: Professor Gillian Needham, Department of Postgraduate Medical Education, University of Aberdeen  
Funding body, amount, and date of award: EU DGXI, 131,838 Euros, April 2000.
15. **Title: MRC Health Services Training Fellowship**  
Co-holders: Dr Robbie Foy, Dr Gillian Penney University of Edinburgh  
Funding body, amount, and date of award: Medical Research Council, October 1999.
16. **Title: Exploring patient participation in decision making: the experiences and views of patients and health professionals in diverse clinical contexts**  
Co-holders: Dr Vikki Entwistle, Dr Anne Walker, Maire O'Donnell, Health Services Research Unit, University of Aberdeen; Ken Gilhooly Department of Psychology, University of Aberdeen; Professor Neva Haites, Department of Clinical Genetics, University of Aberdeen; Professor Ian Watt, Jill Pattenden, Department of Health Studies, University of York; Professor Robert Lewin, University of York; Professor Nicholas Stafford, Royal Hull Hospitals.  
Funding body, amount and date of award: Department of Health, £247,901, June 1999.
17. **Title: Cochrane Training and Support Network**  
Co-holders: Graham Mowatt  
Funding body, amount and date: NHS Research and Development Programme, £50,000 annually, March 1999.
18. **Title: The development of patient information materials to promote implementation of SIGN guidelines and improve patients' experiences of care: a comparison of approaches**  
Co-holders: Dr Vikki Entwistle, Maire O'Donnell, Health Services Research Unit, University of Aberdeen, Patricia Dawson, Scottish Association of Community Health Council  
Funding body, amount and date of award: Clinical Resource and Audit Group, Scottish Office Department of Health, £112,000, January 1999 for 24 months.
19. **Title: Guidelines for management of minor illnesses in community pharmacies: a randomised trial of the effectiveness and efficiency of two different dissemination and implementation strategies.**  
Co-holders Dr Christine Bond, Department of General Practice, University of Aberdeen, Dr Arthur Whitfield, Robert Gordon University; Jill Mollison, Department of Public Health, University of Aberdeen.

Funding body, amount and date of award: Chief Scientist Office of Scottish Office Department of Health, £156,648, January 1999 for 24 months.

20. **Title: AFROIMPLEMENT: Ensuring clinical effectiveness by closing the gap between science and practice: A European/Southern African collaboration – Phase 2**  
Co-holders: MRC, Cape Town, South Africa (scientific and African co-ordinating centre, lead scientist Merrick Zwarenstein); University of Cape Town, South Africa (Michael Power); Muhimbili University College of Health Sciences, Tanzania (Ferdinand Mugusi); University Teaching Hospital (UTH), Lusaka, Zambia (Connie Osbourne); University of Zimbabwe (Kassam Mahomed); Blair Research Institute, Harare, Zimbabwe (Patricia Ndhlovu); Danish Institute for Health Technology Assessment (Finn Borlum Kristensen); University of Groningen, Netherlands; National Institute of Public Health, Oslo, Norway (Andy Oxman); (Flora Haaijer Ruskamp); Upsala University, Sweden (Gunilla Lindmark); and University of Newcastle upon Tyne, UK (Martin Eccles);  
Funding body, amount and date of award: EC INCO Programme, 425,000 ECU, Jan 1999 for 36 months.
21. **Title: Strengthening effective practice: promoting the rigorous development of clinical guidelines in Europe through the creation of a common appraisal instrument**  
Co-holders: St George's Hospital and Medical School (Co-ordinating Centre, lead scientist Professor Peter Littlejohn); Danish Institute for Health Technology Assessment, Copenhagen, Denmark (Finn Kristensen); National Research and Development Centre for Welfare and Health (STAKES), Helsinki, Finland (Dr Marjukka Makaela); Federational Nationale des Centres de Lutte Contre Le Cancer, Lyon, France (Dr Beatrice Fervers); Service de Sante Publique, Paris, France (Dr Pierre Durieux); Mario Negri Institute, Milan, Italy (Dr Roberto Grilli); Centre for Quality of Care Research (WOK), Nijmegen, Netherlands (Professor Richard Grol); National Organization for Quality Assurance in Hospitals (CBO), Utrecht, Netherlands (Dr Niek Klazinga); Agencia d'Avalucio de Tecnologia Medica, Barcelona, Spain (Dr Albert Jovell); Basque Office for Technology Assessment (OSTEBA), Vitoria-Gasteiz, Spain (Dr Jose Asua); Institute Universitaire de Medecine Sociale et Preventive, Lausanne, Switzerland (Dr Bernard Burnand).  
Funding body, amount and date: EC BIOMED II Programme, 600,000 ECU, April 1998
22. **Title: Turning General Practice data into useful knowledge – A randomised trial of two strategies of feedback to improve management of elderly hypertensives using computerised data**  
Co-holders: Professor Frank Sullivan, University of Dundee, Professor Graham Watt and Ms Elizabeth Mitchell, University of Glasgow; Andrew Walker, Greater Glasgow Health Board.  
Funding bodies, amount and date of award: Chief Scientist Office of Scottish Office Department of Health, £127,711, March 1998. Clinical Resource and Audit Group of Scottish Office Department of Health, £50,000, March 1998.
23. **Title: Improving the management of epilepsy: a cost-effectiveness evaluation of two strategies for guideline introduction**  
Co-holders: Dr Danny Ruta, Professor John Bain, Dr Peter Davey, Dr Jim Grant, Mr Simon Ogston University of Dundee; Dr Duncan Davidson, Dr RC Roberts, Ninewells Trust, Dundee.

Funding body, amount and date of award: Chief Scientist Office of Scottish Office Department of Health, £148,023, March 1998.

24. **Title: Cochrane Effective Practice and Organisation of Care group**  
Co-holders: none  
Funding body, amount and date: NHS Research and Development Programme, £75,000 (annually), March 1998.
25. **Title: Towards efficient guidelines. I. When to develop guidelines**  
Co-holders: Professor Martin Eccles, University of Newcastle upon Tyne, Professor Allen Hutchison University of Sheffield, Professor Ian Russell University of York, Professor Cam Donaldson, University of Aberdeen  
Funding body, amount and date of award: NHS R&D programme on Health Technology Assessment, £125,028, August 1997.
26. **Title: Towards efficient guidelines. II. How to develop cost conscious guidelines**  
Co-holders: Professor Martin Eccles, University of Newcastle upon Tyne, Professor Allen Hutchison University of Sheffield, Professor Ian Russell, University of York, Dr David Torgeson, University of York  
Funding body, amount and date of award: NHS R&D programme on Health Technology Assessment, £72,886, August 1997.
27. **Title: Towards efficient guidelines. III. How to monitor guideline use in general practice**  
Co-holders: Professor Martin Eccles, University of Newcastle upon Tyne, Professor Allen Hutchison University of Sheffield, Ms Aileen McIntosh, University of Hull, Professor Ian Russell University of York  
Funding body, amount and date of award: NHS R&D programme on Health Technology Assessment, £127,000, August 1997.
28. **Title: Prevention of deep vein thrombosis. A randomised trial of three different strategies to implement evidence based guidelines. (Feasibility study)**  
Co-holders: Mrs Marion Campbell, Professor Cam Donaldson, Professor Adrian Grant, Professor Jim Petrie, University of Aberdeen; Professor Gerry Fowkes, University of Edinburgh; Mr Douglas Harper, Falkirk District General Hospitals Trust; Professor Gordon Lowe, University of Glasgow; Professor Marie Johnston, University of St Andrews.  
Funding body, amount and date of award: NHS R&D programme on evaluating methods to promote the implementation of R&D, £153,525, 1996.
29. **Title: Computerised guidelines in the North of England Trial**  
Co-holders: Dr Martin Eccles, Dr Ian Purves, Dr David Parkin, University of Newcastle upon Tyne; Professor Ian Russell, University of York  
Funding body, amount and date of award: NHS R&D programme on evaluating methods to promote the implementation of R&D, £789,682, 1996
30. **Title: Is the involvement of opinion leaders in the implementation of research findings a feasible strategy?**

Co-holders: Dr Tracy Ibbotson, University of Aberdeen; Dr Frank Sullivan, University of Glasgow; Dr Martin Eccles, University of Newcastle upon Tyne; Dr Jim Kahan, RAND Europe  
Funding body, amount and date of award: NHS R&D programme on evaluating methods to promote the implementation of R&D, £123,218, 1996

31. **Title: Identification of opinion leaders in general practice in South Tyneside**  
Co-holders: Dr Tracy Ibbotson, University of Aberdeen; Dr Martin Eccles, University of Newcastle upon Tyne  
Funding body, amount and date of award: South Tyneside Medical Audit Advisory Group, £10,000, 1996
32. **Title: Systematic review of effectiveness and cost effectiveness of reminder and decision support systems**  
Co-holders: Dr Jeremy Wyatt, Dr Douglas Altman, Imperial Cancer Relief Fund, UK; Professor Brian Haynes, Health Informatics Research Unit, McMaster University, Canada)  
Funding body, amount and date of award: NHS R&D programme on evaluating methods to promote the implementation of R&D, £42,000, 1996
33. **Title: AFROIMPLEMENT: Ensuring clinical effectiveness by closing the gap between science and practice: A European/Southern African collaboration – Phase 1**  
Co-holders: Dr Martin Eccles, University of Newcastle upon Tyne, UK; Dr Finn Borlum Kristensen, Danish Institute for Health Services Research and Development, Copenhagen, Denmark; Dr Alessandro Liberati, Instituto Mario Negri, Milan, Italy; Dr Merrick Zwarenstein, Medical Research Council, Cape Town, South Africa; Dr Mike Power, University of Cape Town, South Africa; Professor Kassam Mohammed, University of Harare, Zimbabwe.  
Funding body, amount and date of award: EC INCO Programme, 300,000 ECU, 1996
34. **Title: Royal College of Physicians' of Edinburgh/BUPA Research Fellowship**  
Co-holders: Professor Jim Petrie, University of Aberdeen  
Funding body, amount and date of award: Royal College of Physicians' of Edinburgh, £48,000, 1996.
35. **Title: Changing Professional Practice: Bridging the gap between science and practice: how to change health care provider behaviour through implementing practice guidelines**  
Co-holders: Dr Finn Borlum Kristensen (Scientist in charge), Danish Institute for Health Services Research and Development, Copenhagen, Denmark; Dr Alessandro Liberati, Instituto Mario Negri, Milan, Italy; Dr Marjukka Makela, National Agency for Welfare and Health, Helsinki, Finland; Dr Flora Haajer Ruskamp, Northern Centre for Health Care Research, Gronongen, Netherlands; Dr Signe Flottorp, Health Services Research Unit, National Institute of Public Health, Oslo; Professor Richard Grol, University of Nijmegen, Netherlands; Dr Martin Eccles, University of Newcastle upon Tyne, UK.  
Funding body, amount and date of award: EC BIOMED 2 Programme, 600,000 ECU, 1995.
36. **Title: Cochrane Collaboration on Effective Professional Practice**  
Co-holders: None

Funding body, amount and date of award: NHS R&D Regional Directorates in England, Welsh Office of Research and Development, Chief Scientist Office of Scottish Office Department of Health, Northern Ireland Department of Health and Social Services, £400,000, 1995.

37. **Title: Infertility guidelines**

Co-holders: Professor Allan Templeton, University of Aberdeen; Dr Jillian Morrison, Professor Graham Watt, Professor Iain Cameron, University of Glasgow; Dr Sarah Twaddle, Greater Glasgow Health Board

Funding body, amount and date of award: NHS R&D Programme on the Primary - Secondary Care Interface, £145,292, 1995.

38. **Title: Critical appraisal of clinical guidelines**

Co-holders: Ms Francoise Cluzeau, Dr Peter Littlejohns, St George's Teaching Hospital and Medical School; Dr Gene Feder, St Bartholomew's Medical School

Funding body, amount and date of award: NHS R&D Programme on the Primary - Secondary Care Interface, £50,000 1995.

39. **Title: Involving the consumer in purchasing decisions - a consensus development conference approach**

Co-holders: Dr Brenda Wilson, University of Aberdeen; Ms Hilary Blumer, Dr Hamish Wilson, Grampian Health Board

Funding body, amount and date of award: Chief Scientist Office of Scottish Office Department of Health, £7,000, 1995.

40. **Title: An evaluation of a guideline based open access urological investigation service**

Co-holders: Mr Sam McClinton, Dr Heather Deans, Aberdeen Royal Hospitals Trust; Dr Jim Repper, Mr David Torgesson, University of Aberdeen.

Funding body, amount and date of award: Chief Scientist Office of Scottish Office Department of Health, £108,974, 1994.

41. **Title: Towards better practice: a national survey of general practice management**

Co-holders: Mrs Hermione Youngs, Aboyne Medical Practice

Funding body, amount and date of award: Chief Scientist Office of Scottish Office Department of Health, £5,000, 1992.

42. **Title: Annotated bibliography of clinical guidelines**

Co-holders: Ms Sheila Wallace, University of Aberdeen

Funding body, amount and date of award: Chief Scientist Office of Scottish Office Department of Health, £13,000, 1994.

43. **Title: National guidelines and local protocols for menorrhagia and urinary incontinence - feasibility and effectiveness**

Co-holders: Dr Yogesh Chadha, Dr Marion Hall, Professor Ian Russell, University of Aberdeen;

Funding body, amount and date of award: Chief Scientist Office of Scottish Office Department of Health, £214,000, 1992.

44. **Title: Grampian Health Outcomes Study**  
Co-holders: Dr Danny Ruta, Professor Elizabeth Russell, Professor Ian Russell, University of Aberdeen; Dr Bill Reith, Grampian Health Board.  
Funding body, amount and date of award: Chief Scientist Office of Scottish Office Department of Health, £90,000, 1990.
45. **Title: Evaluation of four quality assurance initiatives to improve the referral process**  
Co-holders: Dr Ian Russell, Dr Ross Taylor, University of Aberdeen.  
Funding body, amount and date of award: Wellcome Training Fellow in Health Services Research, £100,000, 1989, and Medical Research Council, £50,000 in 1989.

## **SELECTED PRESENTATIONS SINCE 1995**

### **PAPERS OR POSTERS PRESENTED AT MEETINGS (REFEREED)**

#### **2001**

Eccles M, **Grimshaw JM** on behalf of the NEXUS Group. Effect of audit and feedback, and reminder messages on primary care radiology referrals: an example of implementation research. *European Health Psychology Society Conference, St Andrews, UK September 2001.*

Maclennan G, Thomas RE, **Grimshaw JM**, Mollison J, Ramsay CR. Unit of analysis errors in cluster randomisation trials to evaluate the effectiveness of clinical guideline dissemination and implementation strategies. *9th International Cochrane Colloquium, Lyon, France October 2001.*

McIntosh E, Mollison J, **Grimshaw JM**, Thomas RE. Economic evaluation of a guideline-based open-access urological investigation service. *Health Economics Association World Conference, York, UK July 2001.*

Mitchell E, Sullivan F, Watt G, **Grimshaw J**, Walker AE. HYPER Trial: Turning data into knowledge. *The Scottish School of Primary Care Conference: Primary Care Research in Scotland, Stirling Management Centre, Stirling, UK March 2001.*

Mitchell E, Sullivan F, Watt G, **Grimshaw JM**, Walker AE. What can 'routine' practice data tell us about hypertension in the elderly - the HYPER trial. *RGCP symposium on research into inequalities, London, UKI June 2001.*

Mollison J, McIntosh E, **Grimshaw JM**, Thomas RE. Analysis of patient specific cost data from cluster randomised trials: a case study from implementation research. *Society of Social Medicine, Oxford, UK September 2001.*

Ortiz E, Rhodes S, Morton S, Eccles M, **Grimshaw JM**, Woolf S, Shekelle PG. How quickly do clinical practice guidelines go out of date. *24th Annual Meeting of the Society of General Internal Medicine Annual Meeting, San Diego, USA May 2001.*

Ramsay CR, Grilli R, **Grimshaw JM**. Meta-analysis of interrupted time series designs: what is the effect size? *22nd Annual Conference of the International Society of Clinical Biostatistics, Stockholm, Sweden August 2001.*

Ramsay CR, Grilli R, **Grimshaw JM**. Meta-analysis of interrupted time series designs: what is the effect size? *9th International Cochrane Colloquium, Lyon, France October 2001.*

Ramsay CR, Matowe L, Grilli R, **Grimshaw JM**. Misuses of interrupted time series in implementation research. *22nd Annual Conference of The International Society of Clinical Biostatistics, Stockholm, Sweden, August 2001.*

Ramsay CR, **Grimshaw JM**, Wells F, Rennie D, Chalmers I. Research misconduct. (Workshop) *Cochrane Colloquium, Lyon, France 2001.*

Ramsay CR, Grilli R, **Grimshaw JM**. Robust methods for re-analysis of interrupted time series designs for inclusion in systematic reviews. *9th International Cochrane Colloquium, Lyon, France October 2001*.

Thomas RE, **Grimshaw JM**, McLennan GS, Fraser C, Matowe L, Eccles DM, Shirran L, Dijkstra R, Wensing M, Whitty P. A systematic review of the effectiveness of the introduction of clinical guidelines into medical practice. *9th International Cochrane Colloquium, Lyon, France October 2001*.

Vale L, Thomas RE, **Grimshaw JM**, Donaldson C. Review of methods used in the economic evaluation of guidelines implementation. *Health Economics Association World Conference, York, UK July 2001*.

Walker AE, Watson M, **Grimshaw J**, Bond C. The effect of an educational intervention on intentions to treat vulvovaginal candidiasis in community pharmacies. *European Health Psychology Society Conference, St Andrews, UK September 2001*.

Watson M, Bond CM, **Grimshaw JM**, Mollison J, Ludbrook A. Educational strategies to promote evidence-based community pharmacy practice: a cluster randomised controlled trial (RCT). *Health Services Research and Pharmacy Practice Conference, Nottingham, UK April 2001*.

Watson M, Bond CM, **Grimshaw JM**, Mollison J, Ludbrook A. Educational strategies to promote evidence-based community pharmacy practice: a cluster randomised controlled trial (RCT). *Cochrane Colloquium, Lyon, France, October 2001*.

Watson M, Skelton J, Bond CM, **Grimshaw JM**, Croft P. Simulated patients: a tool for implementation research in the community pharmacy setting. *AUDGP Conference, Leeds, UK July 2001*.

Watson MC, Bond CM, **Grimshaw JM**, Mollison J, Ludbrook A. Education interventions as guideline implementation strategies in community pharmacy: An RCT. *ADEG, Stirling, UK January 2001*.

Watson MC, Bond CM, **Grimshaw JM**, Mollison J, Ludbrook A. Educational strategies to promote evidence-based practice: A cluster randomised controlled trial (RCT). *The Scottish School of Primary Care Conference: Primary Care Research in Scotland, Stirling Management Centre, Stirling, UK March 2001*.

Watson MC, Bond CM, **Grimshaw JM**, Mollison J, Ludbrook A. Evidence-based guidelines for minor illness in community pharmacies: a randomised controlled trial (RCT). *Society of Social Medicine, Oxford, UK September 2001*.

## **2000**

Bero L, Grilli R, **Grimshaw JM**, Mowatt G, Oxman A, Zwarenstein M et al. Cochrane Effective Practice and Organisation of Care Group. (Poster) *RCPE/SIGN Symposium on Clinical Effectiveness, Clinical Guidelines and Clinical Standards, Edinburgh, UK November 2000*.

Campbell MK, Maclennan GS, Mollison J, Steen IN, **Grimshaw JM**. Empirical estimates of intracluster correlation in clinical trials. *International Society for Clinical Biostatistics, Trento, Italy, September 2000*.

Foy R, McLennan GS, **Grimshaw JM**, Penney G, Campbell MK, Grol R et al. Why are some clinical practice recommendations implemented more successfully than others. (Poster) *RCPE/SIGN Symposium on Clinical Effectiveness, Clinical Guidelines and Clinical Standards, Edinburgh UK November 2000.*

MacLennan GS, Shirran L, **Grimshaw JM**, Thomas R, Mowatt G, Fraser C et al. Unit of analysis errors in systematic reviews of provider behaviour change interventions. *International Society for Clinical Biostatistics, Trento, Italy, September 2000.*

Mollison J, Simpson J, Campbell MK, **Grimshaw JM**. Comparison of analytical methods of cluster randomised trials: an example from primary care. *International Society for Clinical Biostatistics, Trento, Italy, September 2000.*

Matowe L, Ramsay C, Thomas RE, **Grimshaw JM**. A Methodological Review Of Time Series Analysis Designs In Guidelines Implementation Studies. *8<sup>th</sup> Cochrane Colloquium, Cape Town, South Africa, October 2000.*

Mowatt G, Shirran L, **Grimshaw JM**, Alderson P, Bero L, Chalmers I et al. Survey of contributorship in Cochrane reviews. (Poster) *8<sup>th</sup> International Cochrane Colloquium, Cape Town, October 2000.*

NEXUS study group. North East X-ray Utilisation Study. *ISQUA's 17<sup>th</sup> International Conference on Quality in Health Care, Dublin, Ireland September 2000.*

Thomas RE, **Grimshaw JM**, MacLennan GS, Fraser C, Matowe L, Eccles M et al. A systematic review of the effectiveness of the introduction of clinical guidelines into medical practice. (Poster) *ISQUA's 17<sup>th</sup> International Conference on Quality in Health Care, Dublin, Ireland September 2000.*

### **1999**

Bero L, Grilli R, **Grimshaw JM**, Mowatt G, Oxman A, Zwarenstein M. Cochrane Effective Practice and Organisation of Care Group - Promoting evidence based practice. (Poster) *15<sup>th</sup> Annual Meeting of the International Society of Technology Assessment in Health Care, Edinburgh, UK June 1999.*

Campbell MK, MacLennan GS, Steen IN, **Grimshaw JM**. Estimation of the intraclass correlation coefficient for cluster randomised trials. *15<sup>th</sup> Annual Meeting of the International Society of Technology Assessment in Health Care, Edinburgh, UK June 1999.*

Campbell MK, MacLennan GS, Steen IN, **Grimshaw JM**. What affects the intracluster correlation coefficient? *International Society of Clinical Biostatisticians workshop on cluster randomised trials, Sheffield, UK July 1999.*

Campbell SE, Campbell MK, **Grimshaw JM** for the TEMPEST Trial Group. How accurate is routine clinical coding for hospital episode statistics in Great Britain? A systematic review. (Poster) *15<sup>th</sup> Annual Meeting of the International Society of Technology Assessment in Health Care, Edinburgh, UK June 1999.*

Foy R, **Grimshaw JM**, Penney GC, Campbell MK, MacLennan GS, Grol R, Burgers J. Why are some clinical recommendations implemented more successfully than others? (Poster) *15th Annual Meeting of the International Society of Technology Assessment in Health Care, Edinburgh, UK June 1999.*

Greener J, Ibbotson T, **Grimshaw JM**, Sullivan F, Eccles M, Kahan JP. Comparison of sociometric and self-rating scales used to identify opinion leaders within UK general practice. *15th Annual Meeting of the International Society of Technology Assessment in Health Care, Edinburgh, UK June 1999.*

**Grimshaw JM** on behalf of the AFROIMPLEMENT Collaborative Group. AFROIMPLEMENT: Ensuring clinical effectiveness by closing the gap between research and practice: a European/Southern African Collaboration. (Poster) *15th Annual Meeting of the International Society of Technology Assessment in Health Care, Edinburgh, UK June 1999.*

**Grimshaw JM**, Shirran L, Mowatt G, Thomas R, Fraser C, Bero L, Grilli R, Harvey E, Oxman A, Thomson MA. Improving professional performance: an overview of systematic reviews of interventions. (Poster) *15th Annual Meeting of the International Society of Technology Assessment in Health Care, Edinburgh, UK June 1999.*

**Grimshaw JM**, Walker AE, Campbell MK for the TEMPEST study group. How should secondary care units be recruited to cluster randomised trials. *International Society of Clinical Biostatisticians workshop on cluster randomised trials, Sheffield, UK July 1999.*

McCull E on behalf of the COGENT study team. Instrument ordering effects in assessing quality of life. *15th Annual Meeting of the International Society of Technology Assessment in Health Care, Edinburgh, UK June 1999.*

McCull E, on behalf of the COGENT study team. Order effects in assessing quality of life. (Poster) *Society for Social Medicine, 43rd Annual Meeting, Sheffield, UK September 1999.*

MacLennan GS, Shirran L, **Grimshaw JM**, Thomas RE, Campbell MK on behalf of EPOC. How do systematic reviews of provider behaviour accommodate for unit of analysis errors in primary trials? *International Society of Clinical Biostatisticians workshop on cluster randomised trials, Sheffield, UK July 1999.*

Mollison J, McIntosh E, **Grimshaw JM**, Thomas RE, Cairns J. Impact on clustering for economic evaluation: ICCs for economic outcomes. *International Society of Clinical Biostatisticians workshop on cluster randomised trials, Sheffield, UK July 1999.*

Morrison J, Carroll L, Watt G, Cameron I, **Grimshaw JM**, Twaddle S. An evaluation of clinical guidelines for infertility management across the interface. (Poster) *15th Annual Meeting of the International Society of Technology Assessment in Health Care, Edinburgh, UK June 1999.*

Shirran L, **Grimshaw JM**, Mowatt G, Thomas R, Fraser C, Bero L, Grilli R, Harvey E, Oxman A, Thomson MA. Epidemiology, methods and quality of systematic reviews of interventions to change provider behaviour. *Society for Social Medicine, 43rd Annual Meeting, Sheffield, UK September 1999.*

Shirran L, **Grimshaw JM**, Mowatt G, Thomas RE, Fraser C, Bero L, Grilli R, Harvey E, Oxman A, Thomson MA. (Poster) Epidemiology, methods and quality of systematic reviews of interventions to change provider behaviour. *VII Cochrane Colloquium - The best evidence for health care: The role of the Cochrane Collaboration, Rome, Italy October 1999.*

Thomas RE, **Grimshaw JM**, Mollison J, McIntosh E, Deans H, Repper J, McClinton S. An evaluation of a guideline based open access urological investigation service. *15th Annual Meeting of the International Society of Technology Assessment in Health Care, Edinburgh, UK June 1999.*

Walker AE, Armstrong E, **Grimshaw JM**, Hannaford P. Why do UK general practitioners intend to prescribe antibiotics for patients with sore throats. (Poster) *13th Conference of the European Health Psychology Society, Florence, Italy October 1999.*

Walker AE, Campbell SE, Campbell MK, **Grimshaw JM** for the TEMPEST Trial Group. Implementation of a national guideline on prophylaxis for venous thromboembolism: a survey of acute services in Scotland. (Poster) *15th Annual Meeting of the International Society of Technology Assessment in Health Care, Edinburgh, UK June 1999.*

Walker AE, Campbell SE, Campbell MK, **Grimshaw JM** for the TEMPEST Trial Group. The prevalence of DVT prophylaxis in Scotland. (Poster) *15th Annual Meeting of the International Society of Technology Assessment in Health Care, Edinburgh, UK June 1999.*

#### **1998**

Campbell MK, **Grimshaw JM**. Sample size calculations for clinical trials in which patients are randomised in groups. *50 years of clinical trials: Past, present and future. London, UK October 1998.*

Carroll L, Morrison J, Watt G, Twaddle S, Cameron IM, **Grimshaw JM**. Do guidelines affect GPs pre referral management of infertility? *Annual scientific meeting of the Association of University Departments of General Practice. Edinburgh, UK July 1998.*

Greener J, Ibbotson T, **Grimshaw JM**, Sullivan F, Eccles M, Kahan JP. The identification of opinion leaders within primary care. *RCGP research symposium. London, UK May 1998.*

Greener J, Ibbotson T, **Grimshaw JM**, Sullivan F, Eccles M, Kahan JP. The identification of opinion leaders within primary and secondary care. *14th Annual Meeting of the International Society for Technology Assessment in Health Care, Ottawa, Canada June 1998.*

Morrison J, Carroll L, Watt G, Cameron IM, **Grimshaw JM**, Twaddle S. Development and evaluation of guidelines for the management of infertility across the primary-secondary care interface. *Society for Social Medicine, Cardiff, UK September 1998.*

Morrison J, Carroll L, Watt G, Cameron IM, **Grimshaw JM**, Twaddle S. *Development and evaluation of Glasgow Guidelines for Infertility. Priorities in Health Care, London, UK October 1998.*

Thomas RE, Deans H, **Grimshaw JM**, McClinton S, Mollison J, Repper J. Urology Referral Guidelines Evaluation (URGE). *Society for Social Medicine, Cardiff, UK September 1998.*

Thomas RE, McClinton S, Deans H, **Grimshaw JM**, Mollison J, Repper J. Urology Referral Guidelines Evaluation (URGE). *RCGP research symposium. London, UK May 1998.*

Walker AE, Campbell SE, Campbell MK, **Grimshaw JM** for the TEMPEST Trial Group. The prevalence of DVT Prophylaxis in Scotland. *CRAG Clinical Effectiveness Symposium, Royal College of Physicians, Edinburgh, UK December 1998.*

Walker AE, Campbell MK, **Grimshaw JM**. Recruitment of organisational units in secondary care: lessons from a multicentre cluster randomised trial. *50 years of clinical trials: Past, present and future. London, UK October 1998.*

Walker AE, Johnston M, **Grimshaw JM**, Campbell MK on behalf of the TEMPEST trial group. *European Health Psychology Society. Vienna, Austria August 1998.*

Walker AE, Johnston M, **Grimshaw JM**, Campbell MK on behalf of the TEMPEST trial group. When do clinicians follow guidelines? *Society for Social Medicine, Cardiff, UK September 1998.*

#### **1997**

Bero L, Grilli R, **Grimshaw JM**, Oxman AD. Closing the gap between research and practice: the Cochrane Collaboration on Effective Professional Practice. (Parallel session organised by the editors of the Cochrane Collaboration on Effective Professional Practice) *2nd International Conference on the Scientific Basis of Health Care, Amsterdam, Netherlands October 1997.*

Cluzeau F, Littlejohns P in behalf of European Consortium. Promoting the rigorous development of clinical guidelines in Europe through the creation of a common appraisal instrument. *2nd International Conference on the Scientific Basis of Health Care, Amsterdam, Netherlands October 1997.*

Cluzeau F, Littlejohns P, **Grimshaw JM**, Feder G, Moran S. Critically appraising guidelines. I. testing the reliability and validity of an instrument. *2nd International Conference on the Scientific Basis of Health Care, Amsterdam, Netherlands October 1997.*

Cluzeau F, Littlejohns P, **Grimshaw JM**, Feder G. Critically appraising guidelines. II the quantity and quality of UK clinical guidelines for the management of asthma, coronary artery disease, breast cancer, lung cancer and depression. *2nd International Conference on the Scientific Basis of Health Care, Amsterdam, Netherlands October 1997.*

**Grimshaw JM**. Evaluation of a guideline based urological investigation service. *Scientific meeting of the International Society for Health Technology Assessment, Barcelona, Spain May 1997.*

**Grimshaw JM**. Methods of systematic reviews of interventions that influence professional practice. *2nd International Conference on the Scientific Basis of Health Care, Amsterdam, Netherlands October 1997.*

**Grimshaw JM**. Referral guidelines at the primary - secondary care interface - experience from the United Kingdom. *2nd International Conference on the Scientific Basis of Health Care, Amsterdam, Netherlands October 1997.*

**Grimshaw JM.** Complexity and systematic reviews: introductory workshop. *5<sup>th</sup> International Cochrane Colloquium, Amsterdam, Netherlands October 1997.*

**Grimshaw JM.** Complexity and systematic reviews: advanced workshop. *5<sup>th</sup> International Cochrane Colloquium, Amsterdam, Netherlands October 1997.*

Ibbotson T, Greener J, **Grimshaw JM.** The identification of opinion leaders in primary and secondary care. (Poster) *2nd International Conference on the Scientific Basis of Health Care, Amsterdam, Netherlands October 1997.*

Pagliari C, **Grimshaw JM.** Psychosocial obstacles to evidence-based decision making; Analysing the 'Black Box' of the guideline development group. (Poster) *2nd International Conference on the Scientific Basis of Health Care, Amsterdam, Netherlands October 1997.*

Pagliari C, **Grimshaw JM.** Small group processes in multidisciplinary guideline development panels. (Poster) *Society for Social Medicine, York, UK September 1997.*

Ramsay CR, Campbell MK, Cantarovich D et al. Evaluation of clinical guidelines for the management of end stage renal disease in Europe: The EU BIOMED 1 study. *2nd International Conference on the Scientific Basis of Health Care, Amsterdam, Netherlands October 1997.*

Ramsay CR, Campbell MK, Cantarovich D et al. Introduction of clinical guidelines for the management of End stage renal disease: an evaluation across six European centres. *Annual meeting of the European Public Health Association. Spain, November 1997.*

Thomas RE, Deans H, **Grimshaw JM,** Repper J, McClinton S, Webber R. URGE: an evaluation of a guideline-based fast track urological service. The effects on general practitioners pre referral management. *Society for Social Medicine, York, UK September 1997.*

Thomas RE, Deans H, **Grimshaw JM,** Repper J, McClinton S, Webber R. URGE: an evaluation of a guideline-based fast track urological service. The effects on general practitioners pre referral management. (Poster) *2nd International Conference on the Scientific Basis of Health Care, Amsterdam, Netherlands October 1997.*

Zwarenstein M and AFROIMPLEMENT collaborative group. AFROIMPLEMENT: a European/Southern African Collaboration. *2nd International Conference on the Scientific Basis of Health Care, Amsterdam, Netherlands October 1997.*

Zwarenstein M and AFROIMPLEMENT collaborative group. AFROIMPLEMENT: an European/Southern African collaboration. *African Health Sciences, Cape Town, South Africa April 1997.*

## **1996**

Cluzeau F, Littlejohns P, **Grimshaw JM,** Feder G. Development of appraisal criteria (Poster). *International Society for Technology Assessment in Health Care (ISTAHC), San Francisco, USA June 1996.*

**Grimshaw JM.** Complexity and systematic reviews: introductory workshop. *4<sup>th</sup> International Cochrane Colloquium, Adelaide, Australia, October 1996.*

**Grimshaw JM.** Complexity and systematic reviews: advanced workshop. *4<sup>th</sup> International Cochrane Colloquium, Adelaide, Australia, October 1996.*

Holm-Peterson C, Kristensen FB and Changing Professional Practice Partners. A common descriptive dataset for shared evaluation (systematic review) of interventions to implement clinical practice guidelines. (Poster) *European Public Health Association, London, UK December 1996.*

Kristensen FB and the Changing Professional Practice Partners. A common descriptive dataset for shared evaluation (systematic review) of interventions to implement clinical practice guidelines. *4<sup>th</sup> International Cochrane Colloquium, Adelaide, Australia October 1996.*

Kristensen FB and the Changing Professional Practice Partners. Elaborating a common methodological framework and taxonomies for shared evaluation of clinical practice guidelines implementation experiments. *International Society for Technology Assessment in Health Care (ISTAHC), San Francisco, USA June 1996.*

Thomas RE, Deans H, **Grimshaw JM**, Repper J, McClinton S, Webber R. Evaluation of a guideline-based fast track urological service: the URGE project. *European Public Health Association, London, UK December 1996.*

Wilson B, Goodwin N, **Grimshaw JM.** Involving consumers in health care purchasing decisions: an overview of the Grampian consensus conference on complementary therapies. *First International Conference on Priorities in Health Care, Stockholm, Sweden October 1996.*

## **1995**

Bero L, Freemantle N, Grilli R, **Grimshaw JM**, Harvey E, Oxman A. Cochrane Collaboration on Effective Professional Practice. (Plenary presentation) *American Public Health Association, Medical Care Section, October 1995.*

Bero L, Freemantle N, Grilli R, **Grimshaw JM**, Harvey E, Oxman A. Implementing the findings of medical research: the Cochrane Collaboration on Effective Professional Practice. *1st International Conference on the Scientific Basis of Health Services, London, UK October 1995.*

Bero L, **Grimshaw J**, Hyde C. Hand searching for studies other than randomised trials (Poster). *3rd Cochrane Colloquium, Oslo, Norway October 1995.*

Chadha YC, Mollison J, **Grimshaw JM**, Hall MH, Russell IT. Guidelines in Gynaecology: development and effectiveness. *1st International Conference on the Scientific Basis of Health Services, London, UK October 1995.*

Cluzeau F, Littlejohns P, **Grimshaw JM**, Hopkins A. Developing appraisal criteria for clinical guidelines. *1st International Conference on the Scientific Basis of Health Services, London, UK October 1995.*

Eccles MP, Clapp Z, Adams PC, Higgins B, **Grimshaw JM**, Purves I, Russell IT. Developing evidence based guidelines for angina and recurrent wheeze. *1st International Conference on the Scientific Basis of Health Services, London, UK October 1995.*

Eccles MP, Hutchinson A, Baker R, Feder G, **Grimshaw JM**, Hurwitz B, Lawrence M. Royal College of General Practitioners Guidelines Skills Course (Poster). *1st International Conference on the Scientific Basis of Health Services, London, UK October 1995.*

Goodwin N, Wilson B, **Grimshaw JM**, Durno D, Wilson H. Involving consumers in priority setting: evaluation of a regional multidisciplinary conference. *1st International Conference on the Scientific Basis of Health Services, London, UK October 1995.*

**Grimshaw JM**, Russell IT. Towards a scientific basis for clinical guidelines. *1st International Conference on the Scientific Basis of Health Services, London, UK October 1995.*

**Grimshaw JM**, Abdalla M, Mollison J, Russell IT, Taylor R, Ziade F. Evaluation of four quality assurance initiatives to improve referral. *1st International Conference on the Scientific Basis of Health Services, London, UK October 1995.*

## **INVITED INTERNATIONAL PRESENTATIONS**

### **2002**

**Grimshaw JM**. Effective and efficient implementation strategies. *Clinical Practice Guidelines 2002, Berlin, Germany, June 2002.*

## **2001**

**Grimshaw JM.** Clinical practice guidelines: future directions. *International workshop in clinical practice guidelines, Barcelona, Spain March 2001.*

**Grimshaw JM.** Engaging users: a perspective from the Cochrane Collaboration. (Plenary presentation) *1<sup>st</sup> Campbell Collaboration, Philadelphia, USA, February 2001.*

**Grimshaw JM.** Urology Referrals Guidelines Evaluation. *Clinical Epidemiology Unit, Loeb Research Institute, Ottawa, Canada January 2001.*

**Grimshaw JM.** Implementation research: a personal view. (Seminar) *Institute of Population Health, University of Ottawa, Ottawa, Canada January 2001.*

## **2000**

**Grimshaw JM.** Implementation research: the science of getting research findings into practice. Pre conference satellite session. *8<sup>th</sup> Cochrane Colloquium, Cape Town, South Africa, October 2000.*

**Grimshaw JM.** Towards evidence based education and implementation. (Plenary presentation) *Horizon Scanning in Medical Education: 2020 Vision. AMEE Conference: Beer Sheva, Israel, August 2000*

**Grimshaw JM.** Systematic reviews. (Workshop) *Horizon Scanning in Medical Education: 2020 Vision. AMEE Conference: Beer Sheva, Israel, August 2000.*

**Grimshaw JM.** Translating research findings into practice. (Plenary presentation) *International Association for Maternal and Neonatal Epidemiology and Health. Stellenbosch, South Africa, April 2000.*

## **1999**

Eccles MP, **Grimshaw JM.** Using EBM guidelines in daily practice. *Congress on Evidence Based Medicine and Evidence Based Laboratory Medicine, Lugano, Switzerland, May 1999.*

**Grimshaw JM.** Promoting research into methods of implementing research findings. (Plenary presentation) *7<sup>th</sup> Cochrane Colloquium, Rome, Italy October 1999.*

**Grimshaw JM.** Evidence on implementation methods. (Workshop) *International round table meeting on optimal methods for guideline implementation. Leeds Castle, UK October 1999.*

**Grimshaw JM, Eccles MP.** Implementation methods. (Primer session) *15th Annual Meeting of the International Society of Technology Assessment in Health Care, Edinburgh, UK June 1999.*

**Grimshaw JM.** Implementation of evidence based medicine. (Plenary presentation) *EULAR 1999 conference, Glasgow, UK June 1999.*

**Grimshaw JM.** Improving quality in general practice: the continuing challenge. (Plenary presentation) *First Joint Conference of the Network Organisations of the European Society of General Practice/Family Medicine - Wonca Region, Europe Palma de Mallorca, Spain, May 1999.*

**Grimshaw JM.** Getting evidence into practice: what works? *Congress on Evidence Based Medicine and Evidence Based Laboratory Medicine, Lugano, Switzerland, May 1999.*

**Grimshaw JM.** Clinical guidelines - are we on the right track. Has evidence based health care achieved its early promise? (Plenary presentation) *Conference organised by the Centre for Clinical Effectiveness, Melbourne Australia, February 1999.*

**Grimshaw JM** on behalf of the Cochrane Effective Practice and Organisation of Care Group. Towards evidence-based implementation. (Invited seminar) *The Commonwealth Public Health Workforce Education Initiative Co-ordinated by Australian Commonwealth Department of Health and Aged, Canberra, Australia, February 1999.*

Grol R, **Grimshaw JM.** Implementing guidelines in general practice. (Workshop) *First Joint Conference of the Network Organisations of the European Society of General Practice/Family Medicine - Wonca Region, Europe Palma de Mallorca, Spain, May 1999.*

#### **1998**

**Grimshaw JM.** Changing provider behaviour. (Plenary presentation) *16<sup>th</sup> Annual Veterans Administration HSR&D Meeting. Washington, USA February 1998.*

**Grimshaw JM.** Towards evidence based implementation (Hacia la implementacion basada en la evidencia de las GPC). *Agencia de Evaluacion de Tecnologias Sanitarias de Andalucia, III Seminario de Evaluacion de Tecnologias Sanitarias, GUIAS DE PRACTICA CLINICA, Hotel Plaze de Armas, Seville, May 1998.*

**Grimshaw JM.** Systematic reviews of implementation strategies: update on the Cochrane Effective Practice and Organisation of Care review group. (Round table discussion) *16<sup>th</sup> Annual Veterans Administration HSR&D Meeting. Washington, USA February 1998.*

**Grimshaw JM.** Towards evidence based implementation. (Invited seminar) *Agency for Health Care Policy and Research. Washington, USA February 1998.*

#### **1997**

**Grimshaw JM.** The Cochrane Collaboration. (International workshop) *Comment Infleur Sur Les Pratiques Professionnelles Des Medecins? Paris, France December 1997.*

**Grimshaw JM.** Towards evidence based implementation. (International workshop) *Comment Infleur Sur Les Pratiques Professionnelles Des Medecins? Paris, France December 1997.*

**Grimshaw JM.** How to develop practice guidelines. (Plenary presentation) *TRIPPS Project Annual Course. Rome, Italy November 1997.*

**Grimshaw JM** on behalf of CCEPP. The Cochrane Collaboration on Effective Professional Practice. (Plenary presentation) *TRIPPS Project Annual Course. Rome, Italy November 1997.*

**Grimshaw JM.** International perspectives on implementation research. (Plenary presentation) *Translating Evidence into Practice conference organised by the US Agency for Health Care Policy and Research. Washington, USA July 1997.*

**Grimshaw JM.** Implementing practice guidelines. (Plenary presentation) *New Zealand Guidelines Group, National Conference, Wellington, New Zealand June 1997.*

**Grimshaw JM.** Methods of the Cochrane Collaboration. (Primer session) *International Society for Health Technology Assessment, Barcelona, Spain May 1997.*

**Grimshaw JM.** Towards a scientific basis for clinical guidelines. (Plenary presentation) *Annual meeting of the Danish Society for Quality Assurance, Faaborg, Denmark, January 1997.*

Mowatt G, Thomson MA, **Grimshaw JM**, Grant A. Implementing early warning messages. (International workshop) *European Workshop on Scanning the Horizon for Emerging Health Technologies. Copenhagen, Denmark September 1997.*

#### **1996**

**Grimshaw JM.** Effect of clinical guidelines on medical practice. *Swiss University Hospitals Symposium, Geneva, Switzerland November 1996.*

**Grimshaw JM.** Systematic reviews, guidelines and effective professional practice. (Plenary presentation) *4<sup>th</sup> International Cochrane Colloquium, Adelaide, Australia October 1996.*

**Grimshaw JM.** Clinical guidelines and priority setting: an overview. *First International Conference on Priorities in Health Care, Stockholm, Sweden October 1996.*

**Grimshaw JM.** Guidelines Development in Scotland - Scottish Intercollegiate Guidelines Network (SIGN). *International Society for Technology Assessment in Health Care (ISTAHC), San Francisco, USA June 1996.*

**Grimshaw JM.** Implementing clinical guidelines in hospital and acute care setting. *International Society for Technology Assessment in Health Care (ISTAHC), San Francisco, USA June 1996.*

#### **1995**

**Grimshaw JM.** Reviewing complex health interventions. *Pre-conference workshop International Society for Technology Assessment in Health Care (ISTAHC), Stockholm, Sweden June 1995.*

### **INVITED NATIONAL PRESENTATIONS**

#### **2001**

**Grimshaw JM.** Developing evidence-based guidelines. *Exploring Contemporary Issues in Surgical Practice*, Royal College of Surgeons, London, UK June 2001.

**Grimshaw JM.** Implementation research. *MRC workshop on cluster randomised trials*, London, UK February 2001.

**Grimshaw JM.** Towards evidence based implementation. *Interfaces between NHSis & Pharmaceutical Industry: Building a Partnership of Skills*, Crieff, UK February 2001.

## **2000**

**Grimshaw JM.** Evidence based implementation of evidence based guidelines. (Plenary presentation) *RCPE/SIGN Symposium on Clinical Effectiveness, Clinical Guidelines and Clinical Standards*, Edinburgh, UK November 2000.

**Grimshaw JM.** Epidemiological methods – evaluating interventions. (Invited workshop) *NHS Service Delivery and Organisation R&D Programme methodology workshop*. UK. May 2000.

## **1999**

**Grimshaw JM** on behalf of EPOC. Evidence based implementation. *Getting Research Findings into Practice meeting organised by the NHS Centre for Reviews and Dissemination*, London UK November 1999.

**Grimshaw JM**, Campbell MK, Eccles MP, Steen IN. Designs for guideline evaluation. (Invited workshop) *BUPA Foundation Workshop: Research on Guidelines Implementation*, London, UK June 1999.

## **1998**

Cluzeau F, Littlejohns P, **Grimshaw JM**, Feder G, Moran S. Developing an instrument for appraising clinical guidelines. *National R&D Programme in the area of the Primary Secondary Care Interface Conference*. London, UK March 1998.

**Grimshaw JM.** Not a panacea. What payback should we expect from the Cochrane Collaboration. (Plenary presentation) *4th UK Cochrane Collaborators meeting*. Oxford, UK April 1998.

**Grimshaw JM.** Towards evidence based implementation. (Plenary presentation) ‘*Coping with Caries. Can New Technology Help? Symposium*’ organised by the Royal Society of Edinburgh. Edinburgh, UK January 1998.

**Grimshaw JM.** Getting evidence into practice: The UK Experience. *25th Anniversary of Chief Scientist Office*, Carlton Highland Hotel, North Bridge, Edinburgh, UK November 1998

Morrison J, Carroll L, Watt G, Cameron I, **Grimshaw JM**, Twaddle S. Evaluation of clinical guidelines for infertility management across the interface. *National R&D Programme in the area of the Primary Secondary Care Interface Conference*. London, UK March 1998.

## **1997**

Bero L, Grilli R, **Grimshaw JM**, Oxman AD. What have new efforts to change professional practice achieved? Evidence based healthcare: a great experiment? *Royal Society of Medicine, London, UK April 1997.*

### **1996**

Cluzeau F, Littlejohns P, **Grimshaw JM**, Feder G. Appraising guidelines. Clinical Guidelines - Uses and Abuses. *British Medical Journal Conference, London, UK November 1996.*

Cluzeau F, Littlejohns P, **Grimshaw JM**, Feder G. Evaluating the quality of clinical practice guidelines in the UK. *Finding the evidence: clinical guidelines from source to practice, the King's Fund, London, UK November 1996.*

**Grimshaw JM.** Clinical guidelines: scientific derivation and clinical validity. *Evaluation in Clinical Practice conference, The Royal Society of Medicine, London, UK December 1996.*

**Grimshaw JM.** Overview of clinical guidelines. *Finding the evidence: clinical guidelines from source to practice, the King's Fund, London, UK November 1996.*

**Grimshaw JM.** From evidence to practice: implementing evidence based guidelines in primary care. *RCGP Spring Symposium, Aberdeen, UK April 1996.*

### **1995**

**Grimshaw JM.** Identifying the evidence base for clinical guidelines. *Royal College of Physicians, Edinburgh, UK June 1995.*

## **TEACHING AND RELATED ACTIVITIES**

### **Supervision and mentoring**

#### ***PhD***

Lloyd Matowe. *An evaluation of the use of time series analysis designs in clinical guidelines implementation studies*. PhD, University of Aberdeen 2001.

Marion Campbell. *The intraclass correlation coefficient in implementation research*. University of Aberdeen 1999 – present (Part time). Expected submission date 2004.

Philippa Davies. *Improving evidence based implementation of guidelines in primary care*. University of Aberdeen 2000 – present. Expected submission date 2003.

Robbie Foy. *Promoting effective reproductive health care*. University of Edinburgh 1998 – present (expected submission Fall 2002)

Jill Mollison. *Use of cluster randomised trials in implementation research*. University of Aberdeen 1997 – present (Part time). Expected submission date April 2002.

Ruth Thomas. *Evaluation of a guideline based open access urological investigation service*. University of Aberdeen 1997 – present (Part time). Expected submission date March 2002.

#### ***MSc***

Richard Gordon. *The effectiveness of computerised reminders. A systematic review of clinical studies*. MSc in Health Services and Public Health Research, University of Aberdeen 1998.

Mary Cousens. *Identifying nurse opinion leaders within hospital settings*. MSc in Health Services and Public Health Research, University of Aberdeen 1996.

Matthew Hickman. *Operation of shared care schemes” a two phase postal questionnaire survey of Scotland and North West Thames Regional Health Authority, England*. . MSc in Public Health, University of Aberdeen 1992.

#### ***BMedSci***

Elaine Armstrong. *An assessment of the value of the theory of planned behaviour in predicting GPs’ intentions to prescribe antibiotics for sore throats*. B Med Sci, University of Aberdeen 1999.

#### ***BSc***

Marlene Westland. *A quantitative study of management in general practice in Grampian*. B Sc in Health Sciences, University of Aberdeen 1993.

### **Training Fellowships**

Margaret Watson, MRC Health Services Research Training Fellowship, 2001 – 2005.

Ruth Thomas, Wellcome Trust Health Services Research Training Fellowship , 2002 - 2005

Robbie Foy, MRC Health Services Research Training Fellowship, 1999 - 2002.

Richard Gordon, MRC Health Services Research Training Fellowship, 1997 - 1998.

### **Teaching**

Lecturer for MSc in Health Services and Public Health Research, Bachelor in Medical Science, University of Aberdeen, 1990 - 2000.

In addition, I have been involved in various other ad hoc teaching activities, for example:

Course organiser and faculty member for Implementation Research Methods course. Netherlands Society of Technology Assessment in Health Care (NVTAG), Netherlands, June 2001.

Faculty member for Implementation Research Methods course. WOK, AMC, NiHES, ZON, Rotterdam, May 2000 to present.

Course organiser and faculty member for Clinical Practice Guidelines course. Barcelona, April 1999;

Faculty member for Dissemination and implementation of Clinical Practice Guidelines course. Barcelona, March 2001.

Lecturer on MSc in Systematic Reviews, Institute of Child Health, April 1999.

Faculty member for post ISTAHC course, St Andrews, June 1999.

### **Examining**

External examiner for degree of Doctor of Philosophy for Faculty of Medicine, University of Newcastle upon Tyne (1996) and Faculty of Medicine, University of Groningen, Netherlands (2000).

## **OTHER ACADEMIC ACTIVITIES**

### **Committee Membership**

Member of Advisory Committee for the Program in Evidence Based Care, Cancer Care Ontario, 2001 to present.

External assessor to the Statutory Committee for the Post of Director of the Newcastle Clinical Guidelines Research and Support Unit, University of Newcastle upon Tyne, UK, 2001.

Member of the Scottish Intercollegiate Guidelines Network Methodology Development Group, 2000 to present.

Member of the Good Practice Project Development group, Scottish Executive Department of Health, 2000 to present.

Member of the National Institute of Clinical Excellence Guidelines Advisory Committee, 2000 to present.

Member of the Scottish Health Technology Assessment Centre Implementation Working Group, June – July 1999.

Member of the Methodology Panel for the NHS Health Technology Assessment Programme, 1998 to present.

Chairman of Commissioning Group for the NHS R&D programme on evaluating methods to promote the implementation of R&D, 1995 to present.

Member of Advisory Group for the NHS R&D programme on evaluating methods to promote the implementation of R&D, 1995.

Observer on Scottish Intercollegiate Guidelines Network (SIGN), 1994 to present.

Methodological Adviser to Scottish Intercollegiate Guidelines Network (SIGN) 1994 to 2000.

Member of the Royal College of Physicians (Edinburgh) Education, Research and Audit Committee, 1994 to present.

Member of the Royal College of General Practitioners' Research Network Co-ordinating Group, 1995 to present.

Member of the Royal College of General Practitioners' Working Party on Clinical Guidelines, 1994 to present.

Member of the Royal College of General Practitioners' Scottish Council Working Party on Medical Audit, 1992.

Member of the North East of Scotland Royal College of General Practitioners Faculty Board. 1990 and 1994.

Trainee Observer on the Royal College of General Practitioners' Council and the Joint Committee on Postgraduate Training for General Practice, 1987 - 1990.

Member of the National General Medical Services Committee Trainee Subcommittee 1987 - 1988 and a member of the GMSC Trainees Representation Working Party 1988.

### **International Conference committees**

Member of the International Scientific Program Committee for 18<sup>th</sup> Annual Meeting of the International Society of Technology Assessment in Health Care, Berlin, Germany, June 2002.

Member of the Scientific Committee of the Clinical Practice Guidelines Conference, Berlin, Germany, June 2002.

Member of the Scientific Planning Committee for 2001 Scientific Basis of Health Services Conference, Sydney, Australia, September 2001.

Member of the Scientific Programme and Review Committee for 16<sup>th</sup> Annual Meeting of the International Society of Technology Assessment in Health Care, the Hague, Netherlands, June 2000.

Member of the abstracts committee for VII Cochrane Colloquium - The best evidence for health care: The role of the Cochrane Collaboration, Rome, Italy, October 1999.

### **Editorial responsibilities**

Consulting editor to the Journal of Continuing Education in the Health Professions 2000 to present.

Co-ordinating editor of the Cochrane Effective Practice and Organisation of Care group 1997 to present.

Editor of the Cochrane Collaboration on Effective Professional Practice 1995 - 1997

Guideline expert on editorial board of the Journal of Evaluation in Clinical Practice 1995 to present.

Methodological advisor on editorial board of the Scottish Intercollegiate Guideline Network (SIGN) 1994 to 2000.

### **Visiting Fellowships**

Visiting Fellow, US Veteran's Administration Center for the Study of Healthcare Provider Behaviour, Sepulveda, California, November 1998.

Visiting Fellow, Centre for Clinical Effectiveness, Monash University, Melbourne, Australia, February 1999.

### **Consultancies and related activities**

Member of the Technical Expert Advisory Group for Research Triangle Institute and University of North Carolina Evidence-based Practice Center project 'Systems to Rate the Strength of Scientific Evidence' (funded by US Agency for Healthcare Research and Policy), 2000-2001.

Collaborator for Southern California Evidence-Based Practice Center on 'Current validity of Clinical Practice Guidelines' (funded by US Agency for Healthcare Research and Policy), 2000.

Collaborator for Southern California Evidence-Based Practice Center on 'Healthy Ageing' project (funded by US Health Care Finance Administration), 1998-1999.

Expert witness providing oral evidence to House of Lords Select Committee on Science and Technology, Sub-Committee 1 - Resistance to Antimicrobial Agents, December 1998

Consultancy to provide methodological advice to NHS R&D Programme on Evaluating methods to promote the implementation of R&D, 1995 - 1998.

Consultancy to organise workshop and produce report for US Congress Office of Technology Assessment on Complexity and systematic reviews, 1995.

Consultancy to pilot NHS guideline critical appraisal scheme, 1995.

Member of the Speciality Assurance Team for the Health Related Behaviour Speciality Working Group, Clinical Terms Project, 1994 - 1995.

### **Peer review**

Peer reviewer for:

- British Journal of General Practice;
- British Medical Journal;
- European Journal of Public Health;
- Family Practice;
- Health Bulletin;
- Health Economics;
- Journal of Evaluation in Clinical Practice;
- Journal of the American Medical Association;
- Journal of Health Policy and Health Services Research;
- Lancet;

- Medical Care;
- Quality in Health Care; and,
- Social Science and Medicine.

Peer reviewer of project grant applications for:

- Aberdeen Royal Hospitals Trust;
- Alberta Heritage Foundation for Medical Research (Scholar Award Establishment programme);
- Australian Department of Health and Aged Care (Funding proposals for Australia-based Cochrane Review Activities)
- Chief Scientist Office of Scottish Office Department of Health;
- Irish Research Board;
- Engineering and Physical Sciences Research Council (EPSRC);
- Medical Research Council (MRC);
- Department of Health Research Initiative in Information and Communication Technologies;
- NHS R&D Standing Panel on Health Technology Assessment;
- NHS R&D Programme on the Primary - Secondary Care Interface;
- NHS R&D Programme on Maternal and Child Health;
- NHS R&D National Primary Care Researcher Development awards;
- the regional NHS R&D grant schemes of the Welsh Office of Research & Development, North Thames R&D Directorate, South Thames R&D Directorate and South and West R&D Directorate.
- PPP Healthcare Trust.

## REFEREES