

CURRICULUM VITAE

RICHARD JAMES LILFORD

**PhD., FRCOG., FRCP., FFPH.,
DSc. (Hons)**

CURRICULUM VITAE

Name: Richard James LILFORD

Present Position: **Chair in Public Health: February 2014 – University of Warwick**

Director of the Warwick Centre for Applied Health Research and Delivery (W-CAHRD): February 2014 – University of Warwick

Honorary Consultant in Public Health (Part-time): September 1995 – Public Health England (from November 2013)

Marital Status: Married, with three children and two grandchildren.

Medical School: University of the Witwatersrand, Johannesburg, South Africa.

Previous Appointments: **January 1974 – June 1974**
House Officer in Medicine (Professor S. Zwi)
Johannesburg General Hospital.

July 1974 – December 1975
House Officer in Surgery (Professor K. van Zyl)
Tygerberg Hospital, Cape Town.

January 1975 – December 1975
General Practice/Conscripted Army Service

January 1976 – December 1976
SHO in Obstetrics and Gynaecology:
Groote Schuur Hospital, Cape Town.

January 1977 – December 1978
Registrar in Obstetrics and Gynaecology
Groote Schuur Hospital, Cape Town.

January 1979 – August 1980
Lecturer and Senior Registrar in Obstetrics and Gynaecology,
Royal Free Hospital, London.

September 1980 – June 1983
Lecturer and Senior Registrar in Obstetrics and
Gynaecology, St Bartholomew's Hospital and Medical College, London.

July 1983 – March 1985
Senior Lecturer and Honorary Consultant in Obstetrics and Gynaecology,
Queen Charlotte's Hospital for Women and the Institute of Obstetrics and
Gynaecology, Goldhawk Road, London W6.

March 1985 – August 1995
Professor of Obstetrics & Gynaecology University of Leeds and Honorary
Consultant at St James University Hospital and United Leeds Teaching
Hospitals Trust.

September 1995 – March 2001

Honorary Professor Health Services Research - University of Birmingham.
Director of R&D, NHS Executive West Midlands - Member of Senior Civil Service.

March 2001 – January 2014

Professor of Clinical Epidemiology: University of Birmingham

December 2004 – October 2009

Head of Division of Primary Care, Public Health and Occupational Medicine, then Head of School of Health and Population Sciences, University of Birmingham

December 2007 – 2011

Director, Birmingham Clinical Research Academy.

November 2010 – January 2014

Vice-dean for Applied Health Research: University of Birmingham

Academic Qualifications:

MB BCh: University of Witwatersrand, Johannesburg, SA – December 1973

MRCOG: Royal College of Obstetricians & Gynaecologist, London, UK – January 1979

MRCP: Royal College of Physicians, London, UK – February 1981

PhD: University of London, UK – July 1984

MFPHM: Faculty of Public Health, Royal College of Physicians, UK – June 1995

FRCOG: Royal College of Obstetricians & Gynaecologist, London, UK – July 1996

FRCP: Royal College of Physicians, London, UK – June 1997

FFPH: Faculty of Public Health, Royal College of Physicians, London, UK – June 2003

Accredited as a specialist by The Royal College of Obstetricians and Gynaecologists, May 1982.

Indicators of Esteem:

Honorary Professor, Liverpool School of Tropical Medicine. 2015

NIHR Senior Investigator Emeritus Status. 2015

Honorary Professor, University of Birmingham. 2015

Doctor of Science (Hon) University of Keele 2014

National Institute of Health Research Senior Investigator Award. 2008-2011 and 2012-2015

ACCEA, A Plus Distinction award 2003. Renewed 2007 and 2013

Honorary Professor, University of Warwick. 2008-2013

Honorary Professor, Department of Epidemiology and Population Health, London School of Hygiene and Tropical Medicine. 2005-2012

Thomas Chalmers Bronze Medal. Cochrane Collaboration Colloquium. 1999

Spinoza Chair, University of Amsterdam. 1996

ACHIEVEMENTS IN RECENT POSTS

1. PROFESSOR OF OBSTETRICS AND GYNAECOLOGY AND HEAD OF ACADEMIC DEPARTMENT, ST. JAMES' UNIVERSITY HOSPITAL, UNIVERSITY OF LEEDS: 1985 - 1992

- Built department up from a small unit (Professor & Senior Lecturer [clinical], two lecturers [clinical], three technical staff and one secretary to the following size of permanent staff: two professors (one clinical and one non-clinical), two senior lecturers (including a 'new-blood' appointment), three lecturers (including one non-clinical), a computer programmer, two research fellows (embryology and assisted conception), two technicians and three secretaries.
- Innovated in teaching, introducing rotations to other Yorkshire Hospitals, a system of in-course assessment student feedback on teacher performance and an OSCI examination.
- Established a series of soirees on medical ethics; my discipline presented a large number of relevant issues, which enabled me to teach the principles of professional ethics, and members of the departments of paediatrics and philosophy attended these gatherings.
- Established a foetal assessment laboratory. Introduced a computerised maternity information service. Facilitated the development of the assisted fertilisation service at St James's Hospital, from within my academic department.
- Clinical innovations: Established a large clinical practice in feto-maternal medicine and introduced chorion villous sampling, fetal blood sampling and intravascular intra-uterine transfusion, to Yorkshire. Became the first director of a feto-maternal training programme in Yorkshire (and one of the first in the country). I continued this practice at the Leeds General Infirmary when I transferred hospitals in order to run the Institute of Epidemiology & Health Services Research (see below). Also established a substantial practice in plastic surgery as applied to Gynaecology, to which patients were referred from all parts of the United Kingdom and abroad. Developed new operations for congenital absence of the vagina, uterine prolapse and radiation damage to the vagina.

A formative experience at this stage of my career arose through membership of a small committee (the Dean, Vice-Dean, Dean of Studies and two Professors) charged with reorganising the departmental structure of the Medical School following its poor showing in the 1988 Research Assessment Exercise. The research performance of the Medical School improved substantially thereafter.

2. CHAIRMAN, INSTITUTE EPIDEMIOLOGY AND HEALTH SERVICES RESEARCH, UNIVERSITY OF LEEDS: 1992 - 1995.

- Following the re-organisation of the medical school, departments were abolished and research channelled, in the first instance, into three major institutes. I was appointed to direct the Institute of Epidemiology and Health Services Research, which accounted for approximately one third of the Medical School's research.
- Obtained funding for medical statistics post, chair in Midwifery and a Clinical Care Epidemiologist.

3. DIRECTOR OF RESEARCH AT THE UNITED LEEDS TEACHING HOSPITALS TRUST: 1993 - 1995.

- Board level appointment.
- Produced a consolidated report of Hospital & Medical School research papers and grants. Presented this at the First International Conference on Science and Medicine, London, 1995..
- Established unit to help staff prepare research grant applications and established a clinical trials office, a database management office and a Centre for Structured Reviews.
- Instituted a system of pump-priming awards for staff who wished to create technical innovations, which needed to be piloted in order to attract external funding. Prostate cancer brachytherapy was initiated in Leeds as a result of this initiative.

4. CHAIRMAN OF THE AUDIT COMMITTEE OF THE ROYAL COLLEGE OF OBSTETRICIANS AND GYNAECOLOGISTS: 1992 - 1995

- Obtained funding to establish four separate, multi-disciplinary, working groups to derive clinical standards dealing respectively with: technical matters in Maternity Care, communication in Gynaecology, communication in Maternity Care and Service Delivery and organisational standards for Maternity Care. The latter two projects were joint endeavours between the RCOG and Royal College of Midwives, and the former was short-listed for the BUPA communication skills award.
- Carried out study into implementation of effective care. Compliance with the quality standards which I had promulgated was high.

5. DIRECTOR OF RESEARCH & DEVELOPMENT, NHS EXECUTIVE, WEST MIDLANDS: September 1995 - March 2001

- Managed a regional budget of approximately £14million per annum – £5m for projects and programmes, £9million for NHS support.
- Established a West Midlands clinical trials network.
- Commissioned systematic reviews of research relevant to public health . Established a

Public Health Research Forum, bringing together Campbell/Cochrane reviewers and Directors of Public Health to discuss the implications of reviews of public health relevance.

- Initiated senior non-clinical research fellowships, to improve career prospects at a crucial and often underfunded stage of a scientist's career.
- Established a local Service Delivery and Organisation Programme and a method of Iterative Tendering to bring difficult projects to fruition.
- Developed a strategy to promote primary care research. Over half of the National money awarded in the first combined MRC /DH primary care initiative came to the West Midlands region.
- I was the Regional Office lead for co-ordination of MWSAC (Medical Workforce Standing Advisory Committee) bids to enhance Medical Student numbers and we were awarded all the places we requested with establishment of two new medical schools.
- Made a number of radio and TV appearances concerned with cervical screening in 1999 and I was interviewed at some length on BBC4 in February 2001 as part of their series on "disease detectives".
- Was appointed NHS Clinical trials advisor.
- Implemented a national system of subventions (£5m per year) to meet the excess treatment costs of clinical trials
- Liaison with the MRC to develop guidelines for governance of clinical trials.
- Worked with Medicines Control Agency on preparing the British response to the new EU Directive on pharmaceutical trials.
- Won support from West Midlands Health Authority Chief executives for a trial of dementia drugs. This resolved their funding decision and the resulting trial, the largest publicly funded study ever conducted in dementia, ultimately impacted on NICE decision making.
- Responded to poor rating of certain West Midlands hospitals on stroke mortality by sponsoring a study of the quality of stroke care.

6. PROFESSOR OF CLINICAL EPIDEMIOLOGY, UNIVERSITY OF BIRMINGHAM: March 2001 – January 2014

- Awarded over £35m grants as PI or co-investigator.
- Awarded over £20m as PI.
- Built up research group of 24 people.
- Director of NHS Research Methods Programme 2001-2006, then chair Methodology Panel of HTA programme 2006 - .

- Director of NHS time-limited Patient Safety Research programme 2001—2006, then Portfolio Director, 2006-2011.
- Director Connecting for Health Evaluation Programme 2006-2011.
- Member NICE Appraisal Committee, Vice Chair NICE R & D Committee, Health Care Commission Patient Safety Committee.
- Chair. Scientific Advisory Committee of DH/Industry Risk Sharing Scheme for Multiple Sclerosis treatment.
- Established Increasing links with local hospitals, PCTs and Strategic Health Authority. This led to successful application for NIHR Collaboration for Leadership in Applied Health Research and Care (CLAHRC) Birmingham and Black Country – £10m research costs and £13m matching NHS fund.
- Appointed Director of Birmingham Clinical Research Academy in December 2007 and subsequently Vice Dean of Applied Research:
 - Established joint NHS / University Research Office to provide ‘one-stop-shop’ for applications for applied research grants.
 - Led successful application for £1.3m Health Innovation & Education cluster.
 - Led successful application for £15m Department of Health and Ministry of Defence Trauma Research Centre bid.

**7. HEAD OF DIVISION PRIMARY CARE, PUBLIC HEALTH AND OCCUPATIONAL MEDICINE: December 2004 – 2008
HEAD OF SCHOOL OF HEALTH AND POPULATION SCIENCE: 2008 - 2009**

- Line-Manager for over 220 people and budget over £14m.
- Established a unit for medical statistics with a new chair.
- Transfer of Health Economics unit (budget over £1million p.a.) to join division.
- Increased number of chairs by 7, readers by 4.
- Division became the highest research earning division in the Medical School under my stewardship. Dis-investment from less successful activities. Re-allocation of space.
- Appointed Head of School, Health and Population Sciences (large school in University of Birmingham). This is an expansion of the division to include Nursing and Physiotherapy with line management for over 320 people and budget of over £20m. School earns 45m of overhead in the College of Medical & Dental Sciences.

8. MAIN RESEARCH ACHIEVEMENTS

A) General clinical & laboratory research

I developed the technique of **transabdominal** chorionic villous sampling and did so independently but at around the same time as a Danish Group. This has become the principal method worldwide.

I was the first person to carry out **fetal oximetry** (MRC funded).

I invented the technique of **tissue expansion vaginoplasty** and, along with Mr. Andrew Batchelor, plastic surgeon in Leeds I established one of the country's largest clinical practices in Plastic Surgery as applied to Gynaecology. We developed a number of novel surgical techniques and described a new clinical entity.

I was the first to apply molecular biological techniques to prove that fetal cells are shed into **the lower uterine pole** in early pregnancy, from whence they can be sampled for pre-natal diagnosis (MRC funded). I conceived the idea and evaluated the role of photosensitising agents to ablate the endometrium (MRC funded).

I showed that the segregation of **male subfertility** within families **is compatible with genetic inheritance** (Wellcome funded). Furthermore, I was the first to suggest that spermatozoa may be rich in **messenger RNA** and (in collaboration with Dr. David Miller) to prove that this is so, thereby providing the means for non-invasive biopsy of the post meiotic zygote. We also showed that spermatozoa have a large complement of reverse transcriptase by means of which we postulate that pseudogenes, intron elongations and transpositions arise. Reverse transcriptase is now known to be necessary for cell division in the early embryo.

I was the first person to describe the relationship between improvement in disease free and total survival in the common cancers.

B) Research with particular relevance to the effectiveness of clinical and managerial services

In collaboration with Dr. Edward Hughes of Ontario, I established a Cochrane Review Group on **treatment of subfertility** (funded by Canadian Government and NHS R&D Programme).

I was the first British clinician to write extensively on **formal decision analysis**. I was the one of the first people to write of its use in the **design of clinical trials** and the first to show that if this technique was used to determine the required magnitude of clinical effect, then **alpha and beta errors should be equal within the context of hypothesis testing trials**.

I have conducted a large number of **clinical trials**, and have written on the **ethics of clinical trials**, from a decision analysis perspective (NHS R&D funded).

Important trials which I have conceived and carried out include the role of doppler ultra-sound in high and in low risk pregnancy, the effectiveness of fish-oil in the prevention of pre-eclampsia in high risk women (NHS funded) the health service implications of enhanced outpatient obstetric surveillance, and the effects of amniotomy in uncomplicated labour (partly MRC funded) the effectiveness and safety of laparoscopic hysterectomy (HTA funded) and the effectiveness of utero-sacral nerve ablation (Wellbeing funded). In collaboration with Dr. James Thornton and Professor Malcolm Lavine, I initiated the first trial of early versus delayed intervention in cases of intra-uterine growth retardation (MRC funded). I have also written on the **Bayesian** perspective on clinical trials and I was one of the first clinicians to espouse this approach. I described how the Bayesian perspective could liberate clinical scientists from "the tyranny" of sample size calculations, and how this was crucial in the evaluation of treatments for rare diseases. I also carried out an analysis of the potential role of Bayesian methods in better informing public policy, using a well publicised 'pill scare' as a worked example. This led to an interview by BBC4 as part of their "disease detectives" series in February 2001. I was also awarded the Bronze Medal at the 1999 International Cochrane Colloquium in Rome for my talk on Bayes Theorem and Qualitative research and delivered the prestigious "Cochrane Lecture" - Society for Social Medicine in that year.

I have carried out extensive work on the use of computers to improve clinical care, including a **clinical trial of on-line protocols** (MRC funded).

I conducted the first trial of bereavement counselling, in the context of fetal abnormality, and a large trial on two sites to **evaluate different methods of counselling for pre-natal screening tests** (MRC funded).

I showed that using population mean utilities would result in biased cost-effectiveness analysis in circumstances where not all patients accept the treatment (EPSRC funded). Developed new model for sample size calculations, called the true-choice model. Quantified the relationship between gain in disease free and total survival with cancer treatment.

Led an MRC funded network on methodology for patient safety research. Resulted in a series of four linked papers in Journal of Quality & Safety in Science and two BMJ papers on research methodology. Basis for invitation to join WHO and AHRQ working groups.

Conducted a ground breaking controlled, multi-method evaluation of an initiative to improve safety in selected NHS hospitals. Showed that the quality of care was improving across the NHS but the intervention had no additional effect.

The CLAHRC methodology theme I direct has become the world premier group for statistical methods for step wedge cluster trials with numerous publications in STATA journal, Statistics in Medicine and BMC methodology summarised in a BMJ paper.

PREVIOUS COMMITTEES AND EXTERNAL BODIES

(Most significant appointments in bold)

Special Trustee for St. James's University Hospital – Leeds: 1989 - 1992.

Member of the Gynaecological Club of Great Britain and Ireland, the MacDonald Club and Fothergill Club.

Part two, MRCOG Examination Committee for Multiple Choice Questions: 1986 - 1989.

**Elected to Council, Royal College of Obstetricians and Gynaecologists: 1989 - 1992.
Re-elected: 1992 - 1995.**

Medical Management Committee St. James's University Hospital: 1988 - 1990.

Member of Leeds East Health Authority: 1989 – 1990.

Member - Workshop on Pre-Natal Diagnosis, Royal College of Obstetricians and Gynaecologists: 1990.

House of Lords, Health Committee. Expert witness on proposed changes in the Health Service: 1989.

MRC Nominated Member of Regional Research Committee: 1991 - 1992.

Member - Executive Committee of Leeds Medical School: 1990 - 1993.

Member - Research Committee, Leeds Medical School: 1993 - 1995.

**Member - Scientific Advisory Committee of the RCOG Charity Birthright:
1991 - 1994.**

Chairman - Institute of Epidemiology and Health Services Research, University of Leeds: 1991 - 1995.

Director - Feto-Maternal Medicine Sub-Specialist Training Programme, St. James's University Hospital: 1990 - 1993.

Chairman - Audit Committee, Royal College Obstetricians and Gynaecologists: June 1992 - 1995.

Member - Scientific Advisory Committee, Royal College Obstetricians and Gynaecologists: 1992 - 1995.

Member - Trials Committee of Yorkshire Region Cancer Organisation: June 1992 - 1995.

Consultant Adviser - Effective Health Care, Bulletin No 3; 'The management of sub fertility': August 1992.

Department of Health/Royal College of Obstetrics & Gynaecologists working party on biochemical screening for chromosomal abnormality: 1992.

Foundation member - Yorkshire Regional Research and Development Committee: 1993 - 1994.

Education Board - Royal College of Obstetricians and Gynaecologists: 1992 - 1994.

Chairman - Department of Health Expert Group to review the Research and Development activities of the Hospital of Sick Children SHA: 1993.

Member - Review Advisory Committee of Department of Health on research activities of London's Special Health Authority Hospitals (Thompson Committee): 1993.

Member - Regional Research and Development Committee Task Force on Investment and Infrastructure: 1993.

Member - Research and Evaluation Committee, Queen Charlotte's College of Health: 1993 - 1994.

Advisor to Department of Health on the research performance of the National Perinatal Epidemiology Unit: 1989 and again in 1993.

Research Director - United Leeds Teaching Hospitals Trust, and member of the Trust Board: June 1993 - July 1995.

Member - Expert Group, The Future Patterns Project, Secondary and Tertiary Care, Yorkshire Regional Health Authority: 1993.

Member - Research Advisory Committee, Leeds General Infirmary Special Trustees: 1993 - 1995.

Chairman - Steering Group of the NHS Centre for Reviews and Dissemination, York: 1994 - 1996.

Chairman - Fellowship selection committee for the charity 'Wellbeing': December 1993.

Chairman - Panel on the Mother and Neonate, Central Research and Development Committee (CRDC) Advisory Group on Mother and Child Health: 1994.

Visiting Senior Scientist - St. George's Hospital: November 1994.

Member - Advisory Panel, Effective Health Care Bulletin on 'The Treatment of Menorrhagia': 1994.

Chair - Working Group on communication standards in Gynaecology, a sub-committee of the Audit Committee, Royal College of Obstetrics and Gynaecology: 1993 - 1994.

Chair - Working Group on communication standards in Maternity care, a sub-committee of the Royal Colleges of Midwifery and of Obstetrics and Gynaecology: 1993 - 1994.

Member - Workshop on Medical Ethics - Royal College of Obstetricians and Gynaecologists: 1994.

Chair - Working Group on the development of audit standards for purchasing contracts for maternity care, a sub-committee of the Royal Colleges of Midwifery and of Obstetrics and Gynaecology: 1993 - 1994.

Advisory Board, International Society of Computers in Obstetrics, Neonatology and Gynaecology: 1992.

External Reviewer - NHS Management Executive, Work of the UK Cochrane Centre: 1994.

Member - Commissioning Group, National R & D Programme on Mother and Child Health: 1995 - 1996.

Member - Central Research and Development Committee, Competition and Assessment Working Group: 1995 - 1997.

Convener - Workshop on Ultra-sound screening in Maternity Care, funded by the Department of Health: 1995.

Observer - Higher Education Funding Council Research Selectivity Exercise, Hospital Services Panel (RAE): 1995 - 1996.

Member of Panel advising the Health Technology Assessment Committee on tenders to administer devolved commissioning process: 1995 - 1996.

Member of Department of Health committee reviewing Special Health Authority Research and Development performance: 1995.

Member of Commissioning Group, National R & D programme evaluating methods to promote the implementation of R & D: 1995 - 1996.

Member of the Pharmacy Practice Research and Development Task Force, Royal Pharmaceutical Society of Great Britain: 1995 - 1997.

Member of CRDC Working Group on Research into Service Delivery, Department of Health: 1996 - 1997.

Member of MRC Fellowship Selection Committee, Health Services Board: 1997.

Member - Bernard Isaacs Appeal Committee: 1998.

Department of Health Representative on the GMC Group on "Fraud and Misconduct in Medical Research": 1998 - 1999.

Member - Steering Committee of the NHS Health Technology Assessment Programme: 1996 - 1999.

Member - Regional Advisory Committee on A and B Distinction Awards:

1996 - 1999.

Chairman - Steering Committee, for the MRC trial on anti-biotics and pre-term labour (ORACLE): 1994 - 2001.

Member of Council of the School of Postgraduate Medicine at The University of Warwick and Walsgrave Hospital NHS Trust: 1997 - 2000.

Member of Data Monitoring Committee for MRC Study; UKOS; Multi-Centre Trial High Frequency Oscillatory Ventilation: 1998 - 2001.

Advisor to Northern Ireland Office on models for Clinical Trials support: 1999.

Member - Evaluation Steering Group for NHS/R&D Programme: 1999 - 2000.

Member - Pharmaceuticals, Biotechnology and Medical Devices Task Force: Healthcare Panel, Office of Science & Technology: 2000.

Chair of Regional Office Group on Academic Development in West Midlands: 2000 - 2001.

Member - Interim Executive Committee of the National NHS R&D Directors Forum: 2000 - 2001.

Member - MRC Ad Hoc Group on Prostate Cancer Screening: 2000.

Chairman of Policy Research Programme into Models of Staffing and Service Delivery in Obstetrics and Gynaecology: 2000.

Member - Regional Foresight Medical Technology Panel: 2000

Pharmaceutical Committee Industry Competitiveness Task Force, Working Group 5 – Patient and Clinician Recruitment Sub-Group: 2000.

Member - Wellcome Trust Clinical Research Facility, Executive Committee: 2001.

Member of North West Region SGUMDER: 2000 - 2001.

Member - Site Review Committee for Clinical Trials Centre Cambridge: 2001.

Member - MRC Trial, MAGPIE, Steering Group; an international trial to investigate the role of magnesium sulphate in pre-eclampsia: 1998 - 2002.

Member of the Research and Development Board of the NHS Executive: 1995 - 2001.

External examiner, Professional judgement and decision-making, Open University: 1996 - 2001.

Member of Clinical Trials Advisory Group for Arthritis Research Campaign: 1998 -

Member - Steering Group Oxytocin Augmentation Trial: Centrally Commissioned R&D:
2000 - 2001

Joint Chairman - Partnership Working Group, Department of Health: 2000 - 2001.

Member - University Hospital Birmingham Endowment Research Fund Committee: 2000 -
2001.

Steering Group for NHS Executive – Wellcome Trust Research Programme “NHS
Research on the Map”: 1999 - 2000

Member of the University of Birmingham Joint Committee for Planning Medical Education:
1996 - 2001.

Chair - Site Review Committee for Northern and Yorkshire Clinical Trials Research Unit:
2001.

Chair - TCRE and Hysterectomy Programme Board, a large Dept. of Health funded study:
1994 - 2000.

**Member of Health Services and Public Health Research Board (HSPHRB), MRC:
1996 - 2000. Renewed: 2000 - 2002.**

Member of the Howard Ostin Bequest Steering Committee of the National Blood
Transfusion Service: 1999 - 2003.

**Member of MRC Cross Board Committee on Clinical Trials: 1998, 1999, 2000 - 2001,
2002.**

Member of MRC Oncology Trials Advisory Committee: 1999 - 2002.

**Chair - Liquid Based Cytology and HPV Screening Pilot Study Steering Committee,
sponsored by Department of Health: 2000 - 2003.**

Member - Steering Group: Pilot Project for Human Papilloma Virus/Liquid Based Cytology.
Department of Health Committee to report to the National Screening Committee &
Ministers: 2000 - 2002.

External Reference Group for knowledge floor of National Electronic Library for Health:
2001.

Member of MRC United Kingdom Alcohol Treatment Trial - Steering Group: 2001 - 2003.

Commission for Health Improvement, performance monitoring project team: 2002.

**Member: National Institute for Health and Clinical Excellence (NICE) Research &
Development Committee: 2001- 2006, Vice-Chairman: 2006 - 2009, Research
Advisor: 2010 -**

Member - Steering Group for National Research programmes, Department of Health: 2001 - 2002

Member of Public Health Evidence Steering Group of the Health Development Agency: 2001 - 2004.

Member - Prison Service Steering Committee of West Midlands Government Office: 2002 - 2004.

Member - SDO Programme, Evaluating models of organisation and delivery of Health Services Commissioning Group: 2002 - 2004.

Member - Agency for Health Care Research and Quality: Patient Safety Research Co-ordinating Centre: I am the only overseas member of this important US Government based committee with an *annual* spend of \$60 million: 2002 - 2004.

UK Lead on Patient Safety on the US-UK Collaboration on Quality in Health Care: 2002 - 2005

Member - University of Birmingham Medical School Advisory Group on Planning and Resource Allocation: 2002 - 2005

One of four advisors, along with Sir Richard Peto, Professor Janet Darbyshire and Andy Haines, to level MRC Clinical Trials Enquiry: 2003

Committee Member - MRC General Practice Framework six Yearly Review: 2003

Member of Review Team - Quinquennial Review MRC Clinical Trials Unit, London: November 2003.

Member - Commission for Audit and Inspection (CHAI): Research Advisory Group: 2003.

Member - Steering Group for National Programmes on Capacity Development (NHS R&D): 2003 - 2005

Member - Committee on Publication Ethics and BMJ Ethics Committee: 1994 - 2004

Member - Search and Selection Committee, Director of MRC GP Framework: 2004

Member - Committee on Publication Ethics (COPE) and BMJ Ethics Committee: 2004 - 2005

Chair - Research Committee of COPE: 2004 - 2005

Member - Chief Medical Officer's CJD therapy Group: 2001 - 2002

Chair - Steering Committee of EVAR (Endovascular Aneurysm Repair Trials): 2000 - 2005.

Member - Evaluation of NHS R&D Programmes, Scottish Executive, Health Dept., Chief Scientist Office, Edinburgh: 2006.

Member of Methodology Panel of the NHS Standing Committee on Health Technology Assessment: 1995 - 1997.

Director of NHS Programme on Research Methods: 1998 - 2006

Member of the Lunar Society: 2001 - 2006

Chair Academy of Science of Finland. Panel on Health Services Research: February to May 2006.

Vice-Chair – MRC panel on Methodology and Implementation Call for Proposals: April to July 2006

Chair - Methodology Panel of HTA programme: 2006 - 2007

Temporary advisor to WHO workforce for maternal and newborn care Geneva: 19th - 21st November 2007.

Examiner Part I - Membership of the Faculty of Public Health: 2006 - 2007

Member - Health Care Commission, Safety Expert Reference Group: 2005 - 2007

Member - Steering Committee of the UK Obstetric Surveillance System: 2005 - 2008

Member - NICE Appraisals Committee: 2003 - 2008.

International Editorial Advisory Board, Journal of the Royal Society of Medicine: 1994 - 2008

Chair of Steering Committee - MRC ORACLE Children's Study: 2003 - 2008

Chair – MRC Trial, Infant Trial (INTelligent Fetal Assessment): 2003 - 2005

MRC College of Experts - Committee Member: 1st October 2004 - 30th September 2008

Technical Expert Panel Member - Agency for Healthcare Research and Quality, Patient Safety Programme (PSP), USA: 2010.

Chair - Priority Board, Birmingham and Black Country, Comprehensive Local Research Network: 2008 – 2011.

Chair - University Hospital Birmingham Foundations Trust (UHBFT) Special Trustee Research Grant committee: 2008 – 2011.

Member of Steering Group and Data Monitoring Committee of National Blood Transfusion Service Trial, Transfusion Alternatives Pre-operatively in Sickle Cell Disease (TAPs): 2006 - 2011

Chair - NIHR Research for Patient Benefit (RfPB) Regional Funding Committee – West Midlands Region: April 2011 – September 2012

Director - Connecting for Health Evaluation Programme: 2006 - 2012

Director - The West Midlands Institute for Safety and Quality in Healthcare (ISQH): 2009 –

2012

Accountable Officer: Health Innovation & Education Cluster (HIEC): 2010 – 2013
Technical Expert Panel Member: US Agency for Healthcare Research and Quality (AHRQ) RAND Corporation: Analysis of Evidence for Patient Safety Practices. 2011 – 2013.

Director: Collaborations for Leadership in Applied Health Research and Care for Birmingham and Black Country (CLAHRC-BBC): 2008 – 2013.

Expert Panel Member - NIHR Research Methods Fellowships and Internships Review Panel: 2010 - 2013.

Panel Member: NIHR Senior Research Fellowship Scheme. May 2011 -

Panel Member: NIHR Research Methods Opportunity Funding scheme. 2012 – 2013.

Board Member: MidTECH NHS Innovation Hub for the West Midlands. 2012 – 2013.

Member of Commissioning Panel: ESRC/NICE Dementia Initiative. 2012 – 2013.

Board Member: 3M Health Economics Advisory Board. 26th March 2013.

Thesis Jury Member, PhD Defence for Jane Daniels: University of Amsterdam, April 2013.

Member of sub-group: DoH NHS Outcomes Framework Indicator 5C-Hospital deaths attributable to problems in care. July 2013.

Member of Assessment Committee, concerning the application for position of Clinical Professor with special responsibilities in clinical epidemiology: Institute for Clinical Research, University of Southern Denmark. November 2013.

Non-executive Director: Sandwell and West Birmingham Hospitals NHS Trust. 13th September 2012 – 31st December 2014.

CURRENT COMMITTEES AND EXTERNAL BODIES

(Most significant appointments in bold)

Member of Advisory Committee: Current Science: 1999 -

Member: The Honorary Editorial Board of the journal entitled *Evidence-Based surgery*. International journal edited by John Aucar, Missouri: 2003 -

Assistant Editor Clinical Trials: An international journal edited by Professor Stephen Goodman, from the John Hopkins School of Medicine: 2003 -

Chair: Scientific Advisory Group, Department of Health Risk Sharing Scheme for treatments of Multiple Sclerosis: 2006 -

National Institute for Health Research (NIHR) Programme Grants for Applied Research programme (PGfAR). 2011 – 2015.

Committee Member: MRC Leukaemia Trials and Data Monitoring and Ethics Committee (LDMEC). 2011 –

Director: External Assessment Centres (EAC) NICE Technology Evaluation Programme. 2011 - 2014

Chair: MRC/NIHR Methodology Advisory Panel. 2012 –

Expert International Advisory Group Member: Australian Institute of Health Innovation, Australia. 2013 – 2016.

Chair of the Trial Steering Committee for “Late aneurysm-related mortality up to 15 years, secondary endovascular repair. Late sac rupture risk, costs and effectiveness implications in the United Kingdom Endovascular Aneurysm Repair randomised controlled trials and management of Type II Endoleaks”: Imperial College, London. March 2014 –

Principal Advisor: National Institute for Health and Care Excellence (NICE) External Assessment Centre, Birmingham and Brunel Consortium. April 2014 -

Referee for many grant giving bodies and journals, including:

MRC, ESRC, Cancer Research Campaign, Canadian MRC, Hong-Kong MRC, Australian MRC, S African MRC, DFID/MRC/Wellcome Trust Global Health Trials Scheme, Arthritis and Rheumatism Research Council, Birthright/Wellbeing, NHS Exec (Centrally Commissioned & Regional Office), Scottish & Welsh Offices, Health Research Board of Ireland, N Eng J Med, Lancet, BMJ, Obstet Gynecol, Am J O&G, Br J O&G, Eur J O&G, J Royal Soc Med, J Obstet Gynecol, GUT, Netherlands Council for Medical & Health Research, American Association for Public Health, Swiss Medical Weekly.

Member: National Institute for Health and Clinical Excellence (NICE) Observational Data Expert Group: 2015 –

Member of African Research Excellence Fund College of Experts 2015 -

University of Warwick lead for the Consortium for Advanced Research Training in Africa (CARTA) 2015-

PUBLICATIONS

(Favourite submissions in bold)

UNSOLICITED PEER REVIEW PAPERS

1978

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50. **Mason G, Lilford R, Mueller R, Linton G. Neonatal convulsions following CVS. *Prenat Diagn* 1994;14(7):650-1.**
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*Contains previously unpublished data

KEYNOTE AND SELECTED PRESENTATIONS

(* - Sponsored by overseas host)

1. Accuracy of Gynaecological Ultrasound – prize-winning talk at Groote Schuur Hospital Department Research Day, 1978
2. Invited speaker – International Federation of Gynaecology and Obstetrics. Berlin, 1985
3. * Visiting Professor. Cape Town, 1986.
4. 4th Asia-Oceania Congress of Perinatology – Computer Systems Improve the Quality of Antenatal Care. Tokyo, Japan, 1986
5. *Perinatal Computing. China, 1986
6. *King's Travelling Fellowship which enabled me to present my work at the following American Centres in May 1982: Birmingham, Augusta, Milwaukee, Hartford and Chicago.
7. Mathematical Methods in Obstetrics – Royal College of Physicians, November 1982
8. *Gonadal tumours in intersex states – European Society for Gynaecological Cancer. January 1985
9. *Cyprus Medical Association, 1989
10. *Visiting Professor. Queen Mary's Hospital. Hong Kong, February 1990.
11. *Invited speaker. Advanced Obstetrics and Gynaecology Course of Obstetrics and Gynaecology of Australia. May 1990
12. *Visiting Professor Kuyushu University. Japan, August 1990
13. *Invited speaker. First International Meeting of the RCOG. Singapore, 1990
14. *Visiting Professor. McMaster University and Canadian Royal Commission on Reproductive Technology. March 1991.
15. Royal College of Obstetricians and Gynaecologists Study Group on Prenatal Diagnosis. December 1990.
16. Royal College of Obstetricians and Gynaecologists Study Group on Organisation of Maternity Services, 1991.
17. *Ortho Fellowship to India (via Royal College of Obstetrics and Gynaecology), 1991.
18. Invited to give three talks by International Federation of Obstetrics and Gynaecology. Singapore, 1991.
19. *Overseas speaker at 45th Annual Convention. Philippines, 1991.
20. *Faulkner lecture. Dublin, 1991.

21. *Doppler ultrasound in Obstetrics. Cypriot society of Obstetrics. Feb 1992.
22. Milroy Lectureship. Royal College of Physicians. May 1992.
23. *International Perinatal Doppler Society meeting, New York and visiting speaker Cornell University residents conference. August, 1992 and Grand Round at Cornell University Medical School.
24. *Visiting professor, Trinity College Dublin and Guinness Lecturer. Coombe Hospital, Sept 1992.
25. *Computers in medicine. Dutch Association of Obstetricians and Gynaecologists. November 1992.
26. *Medical audit. Post-graduate meeting. Belfast, November 1992.
27. *International Tropical Conference on Obstetrics and Gynaecology. Curacao, April, 1993.
28. *Course on Obstet/Gynaec. Arab Emirates, April, 1993.
29. *Update course, W. Australia Association of Obstetricians and Gynaecologists. July, 1993.
30. *International Conference of Royal College of Obst. And Gynaecol. Hong Kong, Sept, 1993.
31. *International meeting of RCOG. Hong-Kong, September 1993.
32. *Symposium on intra-uterine growth retardation. Antwerp, February 1994.
33. *Advanced fetal medicine meeting. Bruges, May 1994.
34. Invited speaker at the International Federation of Obstetricians and Gynaecologists. Montreal, September 1994.
35. *Travelling Fellowship. Australian Perinatal Society. October 1994.
36. *Visiting lecturer – Auckland and Otago. New Zealand, November 1994.
37. *Independent assessor of Dublin Hospitals' Reports and guest speaker, Junior Obstetrics and Gynaecology Society. Dublin, December 1994.
38. *Examiner/Opposer PhD. Thesis, Free University of Amsterdam, December 1994.
39. Consultants' Conference *Conference 2000*. Cyprus, May 1995
40. Invited speaker, Br. Congress O and G. Dublin, June, 1995.
41. *Meeting of the International Infertility Society. Montpellier, September 1995.
42. *Hungarian Society of Perinatology meeting. September 1995.
43. *Cochrane Colloquium, funded by NHS Centre for Reviews and Dissemination. Oslo, October, 1995

44. Annual Lecture on Medical History at Royal College of Obstetricians & Gynaecologists. The required format for the lecture is an historical review as context for current practice. My topic was clinical trials. November 1995.
45. *Spinoza Chair, University of Amsterdam. March 1996.
46. *International Conference on Obstetrics and Gynaecology. Joint funding - Overseas host and RCOG. New Delhi, March, 1996.
47. *International workshop on Oral Contraception. Vienna, March, 1996.
48. *Swedish Society of Obstetrics, annual meeting. April, 1996.
49. *European Down's syndrome screening group meeting. Amsterdam May 1996.
50. *European Society of Human Reproduction & Embryology. Maastricht, June 1996.
51. *Margaret Orford Memorial Lecture Series. Many centres in South Africa, July 1996.
52. Invited by Department of Health to attend workshop on Health Economics – NIH, Bethesda. Maryland – November 1996.
53. *Conference on Medical Ethics. Belfast, March 1997.
54. *Symposium on ante-natal screening. Barcelona, March 1997.
55. *World Conference in Ethics Codes in Medicine and Biotechnology. Freiburg, October 1997.
56. *2nd Conference on Health Technology Assessment. Ottawa, June 1998.
57. *ESCP 27th Annual Symposium on Clinical Pharmacy. Israel, October 1998.
58. *15th Annual Meeting of the ESHRE. France, June 1999
59. Cochrane Lecture 1999. Society for Social Medicine. Sheffield, Sept 1999.
60. Cochrane Colloquium, Rome: October 1999: **Awarded the Thomas Chalmers bronze medal for presentation.**
61. *New Zealand; to speak on statistics and the Menopause at Medical Conference on Evidence Based Care. April 2000
62. *Royal Society Fellowship, Institutes & Health Services Research. Japan, April 2000.
63. Poster presentation at European Forum on Quality Improvement in Health Care. Amsterdam, March 2000
64. *Faculty of Medicine and Health Sciences Research Day. Belfast, May 2000
65. *Visiting Professor – Department of Obstetrics & Gynaecology, Prince of Wales Hospital, Hong Kong and Department of Public Health. University of

Shanghai, November 2000

66. *International Symposium on Priority Setting for Health Care & Evidence-based Health Policy. Japan, November 2000.
67. *Scientific Meeting to Celebrate 50 year's research in Obstetrics & Gynaecology. Auckland, New Zealand, November 2001.
68. *Patient Safety Research Meeting. Washington, February 2002.
69. *Patient Safety Research Meeting, AHRQ. Washington, March 2003.
70. *Rosendal Conference, Norway. Norwegian Medical Association Conference on Advancing Medical Education. Norway, May 2003.
71. Scientific Basis of Health Care Conference on Evidence/Health Services Research. Washington, September 2003.
72. *Xith Reiner de Graaf Symposium, Amsterdam: Plenary speaker on the 'Genetics of male infertility'. October 2003.
73. *Examination of PhD Thesis. Judith Gianotten. October 2004.
74. Speaker at Opening Conference: Centre for Patient Safety Research. University of Miami, January 2005.
75. *Canadian Patient Safety Foundation Research Meeting. Plenary speaker. Toronto, February 2005
76. *Connecting for Health, Clinical Leads Meeting. Washington DC Study Tour, June 2005.
77. *Speaker – 18th ESICM Annual Congress – Amsterdam. Netherlands, September 2005.
78. *Italian Society of Statistics in Medicine. Plenary Lecture. September 2005.
79. *Toronto. Canadian Patient Safety Institute. Peer Review Panel. October 2005.
80. *College of Medicine of South Africa. Cape Town. 10th Interdisciplinary Symposium in The Future of Academic Health Care in Africa. October 2005.
81. *WHO – PDS Global Research Programme meeting. November 2005.
82. *Alberta Canada. Annual Quality Lecture at University of Alberta Hospital. February 2006
83. *Paris. International Cochrane methods Group on CONSORT Statement. February 2006.
84. *WHO—Consultant on Safe Maternity Care. Geneva, March 2006.
85. *Medical Devices and Diagnostics: Keynote speaker. Global Clinical Symposium. Newport, Rhode Island, May 2006.

86. *Farewell Symposium for Paul Otto Bleker: Keynote speaker. Degree Ceremony for Dr Hensham Al Inany—to ‘oppose’ the thesis. Amsterdam, June 2006.
87. *WHO International Partnership for Acute Care Safety. Barcelona Workshop on Care for the Acutely Ill Patient, chaired by Sir Liam Donaldson. September 2006.
88. *WHO Expert Working Group on Methods and Management. Geneva, December 2006.
89. *Institute of Medicine – Washington Advisory Group on Clinical Trials. Jan 2007.
90. * Quality Colloquium. Harvard University Boston. August 2007.
91. *Western Australia – Department of Health. Talk to DH and to the Rural Medicine Society of Australia, September 2007.
92. *WHO Expert Working Group on Methods and Measurement. Porto Portugal, September 2007.
93. *Health Research Board of Ireland. Selection Panel, October 2007.
94. *Colleges of Medicine of South Africa. Plenary talk on the development of academic medicine. October 2007.
95. *WHO Technical Consultation: Scaling up of the workforce for maternal and newborn care. Geneva, November 2007.
96. *Amsterdam/Utrecht Safety Speaker Series. Talk on choosing research methods to improve the safety of patient care. November 2007.
97. *WHO – Expert Working Group for Research Methods and Measures of the World Alliance for Patient Safety. November 2008.
98. College of Chiropractors, London. Talk on ‘Issues in the evaluation of CAM, with special reference to the effect of patient preferences’. January 2009.
99. *Canadian Patient Safety Institute (CPSI). Member of peer merit review panel for the CPSI 2009 Research Competition. March 2009.
100. NIHR Trainee Conference, “What is this thing called Science”. Manchester, September 2009.
101. *RAND Technical Expert Panel Meeting, AHRQ Patient Safety Project. Santa Monica (CA), November 2009.
102. WHO High-level International Expert Consultation on Evaluation of Safety Programmes. London, December 2009.
103. NIHR Capacity Development Programme. Plenary Lecture Research Fellows Conference. Manchester, December 2009
104. *Leuven Belgium. Examination PhD Thesis, Lean Trommans
105. *CPSI Peer/Merit Review Panel. Canada, February 2010.
106. HSR (Health Service Research) Conference. Netherlands, April 2010.

107. ICR Annual Conference, Ethics of Rationing. London, April 2010.
108. *WHO. Ethics in Patient Safety Research Meeting. Geneva. May 2010.
109. *ESOF (European Science Open Forum) Health Economics: Cost-Benefit analysis. Turin, July 2010
110. *TSB (Technology Strategy Board), supported HealthTech and Medicines KTN Regenerative Medicine Mission. USA, July 2010.
111. University of Southern California and Stanford University seminars, 'Supply and Demand: Delivering high quality patient-centred lower cost healthcare'. USA, February 2011, invitation from the Consulate General.
112. *Regional Agency for Health Care Research Workshop in Bologna, presenting two examples of Collaborative Leadership in Applied Health Research and Care (CLAHRC). Italy, March 2011.
113. National Health Service Litigation Authority 'Learning from Mistakes' conference, guest speaker on 'Evidence based Medicine'. Birmingham ICC, March 2011
114. Quality Improvement Research Network (QIRN) 'Evaluating service improvement interventions – Epistemology and Economics'. Amsterdam, April 2011.
115. Chair of Session "Bio 2011" conference in Washington. Guest of British Consul General. USA, June 2011.
116. *The University of Hong Kong Public Health Research Centre, Medical and Health Research Network seminar presentation: "Health Economic Assessment of Service Level Interventions". Hong Kong, August 2011
117. *IDEAL Think Tank meeting at the FDA Washington, DC. USA, December 2011
118. *RAND Technical Expert Panel Meeting (2nd), AHRQ Patient Safety Project. Maryland, USA, January 2012.
119. †After dinner speaker: International Functional Electrical Stimulation Society, 3rd Annual UK Chapter 'Scientific thinking....clever people – simple mistakes'. Birmingham Botanical Gardens, April 2012.
120. *†IQ healthcare, Radboud University 'Health economic assessment of service delivery interventions to improve quality/safety'. Nijmegen Medical Centre, the Netherlands, May 2012.
121. African eHealth Economics Forum. Nairobi, August 2012.
122. †Presentation to Chinese FDA delegation. 'Clinical Trial Design in Medical Devices' University of Birmingham. November 2012.
123. †Speaker at the Centre for Translational Molecular Medicine. 'Evaluation of medical technologies – why devices are different from pharmaceuticals'. The Netherlands, January 2013.

124. Panel Member: Science and Technology Select Committee. House of Lords, London. February 2013.
125. †Presentation at the Reducing Hospital Deaths Attributable to Problems in Care conference. 'Actively monitoring and reducing hospital mortality rates at a hospital level'. London, March 2013.
126. *†Speaker at Evidence Based Benign Gynaecology symposium, AMC. Amsterdam, April 2013.
127. *Presentation at the 11th National Congress of Turkish Society of Obstetrics and Gynaecology. Antalya, May 2013.
128. *†Speaker at the World Stem Cells & Regenerative Medicine Congress, London, May 2013.
129. *†Presentation at the Bayesian Analyses in Supporting Drug Coverage Decisions conference. 'The statistical basis of public policy: a paradigm shift still overdue?', Amsterdam, May 2013.
130. *Chair of Session – MRC/NIHR Observational Data workshop, London, June 2013.
131. *†Presentation at the MATCH-M2D2 International Headroom Workshop, Boston, USA, June 2013.
132. *†Keynote lecture at "Development, validation and use of performance indicators in healthcare" conference, Danish Technical University, Copenhagen, September 2013.
133. *†Speaker at the NIHR HTA 'First in Class' conference, London, 10th October 2013.
134. Presentation at the World Health Organization (WHO) Second global Forum on Medical Devices, Geneva, November 2013.
135. Panel Member: Oxford Health Systems Collaboration Symposium with the Global Health Policy Project: Oxford, 27th – 28th February 2014.
136. †Talk at the Faculty of Medicine and Health Sciences, Stellenbosch University. 'Toward an Epistemology of Service Delivery Research' and external speaker at Opening Ceremony for Centre for Systems and Service Delivery Research. South Africa, March 2014.
137. *Health Research Board of Ireland. Selection Panel, May 2014.
138. Wellcome Trust Strategic award writing meeting, African Population and Health Research Centre, Kenya, May 2014.
139. Presentation at Kenya Medical Research Institute (KEMRI). How to evaluate hard to evaluate service interventions. Kenya, September 2014.

140. Talk at Queen Elizabeth Central Hospital, Malawi. Bayesian Statistics. October 2014.
141. Talk at National Taiwan University – college of pharmacy. Undertaking health services research using Bayesian methods (using evaluation of electronic prescribing systems as an example). Taiwan, November 2014.
142. Talk at National Institute for Health Technology Assessment – Center for drug evaluation. Methods of economic evaluation for health services. Taiwan, November 2014.
143. Talk at National Institute for Health Technology Assessment – Center for drug evaluation. The experiences of MATCH on early engagement with HTA to bring better products. Taiwan, November 2014.
144. Visiting Professor – African Population Health research Center. March 2015.
145. + Plenary lecture at Annual Scientific Meeting Canada Society for Knowledge Management. Halifax, Nova Scotia, Canada. ‘Reconciling Scientific Rigour with Service Need’. May 2015.
146. Host of workshop Society of Clinical Trials conference in Virginia. USA. ‘Reconciling Scientific Rigour with Service Need’. May 2015.
147. Presentation at Loughborough University. Loughborough. ‘Applied health Research: enlightenment or enlightened’. June 2015.
148. Presentation at London Royal Society of Medicine, Military Research meeting. December 2015.

*Externally funded

+Keynote speech

SPORTING AND EXTRAMURAL ACHIEVEMENTS

1. Open water diving certificate.
2. Previously Governor John Jamieson School for Disabled Children, Leeds.
3. Governor, King Edward's Grammar School, Aston, Birmingham.
4. American Sailing Association; Day Skipper qualification.
5. School: Athletics Victor Laudorum and Leaving Prize for scholar who made best use of facilities, sporting and academic
6. Private pilot's licence – over 250hrs flying experience. Last renewed March 2008.

GRANTS AWARDED TO PROFESSOR R J LILFORD				
Member of Staff	Awarding Body	Commencing Date and Period	Title of Research	Value
R J Lilford	Roussel Laboratories Ltd	October 1987 for 18 months	Study to determine the effectiveness of RU38486 in termination of pregnancy	£29,322
R J Lilford	Mental Health Foundation	June 1987 for 3 years	Counselling Service for the Prenatal Diagnosis Clinic	£19,000
R J Lilford/N Johnson	Spectromed Ltd Coventry	1988	Evaluation of continuous intra-partum fetal oxygen saturation monitoring (equipment)	£1,400
R J Lilford/D R Bromham	Allerton Medicare Plc	1988 for 1 year	In-vitro fertilisation units – establishment of laboratory facilities for foundation of NHS IVF unit, plus equipment	£35,000
R J Lilford/N Johnson/ P Dear	Medical Research Council EME Brighton	June 1988 for 1 year	Evaluation of continuous intra-partum fetal oxygen saturation monitoring (Research Midwife). Evaluation of oximetry in the fetus (equipment)	£13,179 £1,170
R J Lilford/N Johnson	Leeds University Research Fund		Investigation of the use of intra-cervical tents as an adjunct to colposcopy in the early detection of cancer of the cervix	£1,200
R J Lilford	Medical Research Council	September 1988 for 2 years – 4 months extension	Influence of three methods of history taking on the quality of antenatal care	£35,333
R J Lilford	Special Trustees	1989	Top-up of Research Registrar's salary	£8,000
R J Lilford	Nuffield Foundation	January 1989	Workshop – Down's Syndrome	
R J Lilford/H Irving	Yorkshire Regional Health Authority – Locally Organised Research Scheme	April 1989 for 3 years	Follow-up of ultrasonically detected fetal anomalies in Yorkshire Region	£23,500

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Member of Staff	Awarding Body	Commencing Date and Period	Title of Research	Value
R J Lilford	Action Research for the Crippled Child	June 1989 for 2 years	Evaluation of frequency of mosaic formation in placenta and membranes. Salary for research technician	£36,458
R J Lilford	Yorkshire Regional Health Authority – Locally Organised Research Scheme	April 1989 for 2 years	Aspirin in high-risk pregnancies. Registrar's salary	£32,400
R J Lilford	Roussel Laboratories Ltd	April 1989	Support of Registrar	£5,804
R J Lilford/N Johnson	Roussel Laboratories Ltd	February 1989 for 18 months	A comparative study of Gemprost and Meteneprost for cervical ripening prior to termination of pregnancy in nulliparous women	£28,800
R J Lilford	Roussel Laboratories Ltd	April 1990	Travelling Fellowship	£500
R J Lilford	Special Trustees of St James's Hospital	April 1990 for 2 years	To undertake research into anti-sperm-antibody related infertility	£11,714
R J Lilford/D Miller	Wellcome Trust	June 1990	Studentship for two months	
R J Lilford/M Kelly	Oxford Sonicaid	September 1990	Development of labour/delivery computer system	£27,600
D Miller/R J Lilford	Birthright	January 1991 for 2 years	Cell mediated auto-immunity to heat shock proteins may be an overlooked component in pre-term labour	£78,194
R J Lilford	Oxford Sonicaid	January 1991 for 1 year	Development of a computerized partogram	About £50,000
N Johnson/R J Lilford	The UK Hospital Trust	December 1990 for 2 years	Antenatal Stress Testing	£22,500

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Member of Staff	Awarding Body	Commencing Date and Period	Title of Research	Value
N Johnson R J Lilford J Gupta	Roussel Laboratories Ltd	December 1990	The effect of RU486 on the cervix	£500
N Johnson R J Lilford T Rutherford	Yorkshire Regional Health Authority – Locally Organised Research Scheme	April 1991 for 3 years	A comparison of endometrial cautery and resection with and without endometrial priming	£57,147
R J Lilford	The Wellcome Trust	June 1991	Is male infertility a genetic condition? Extension	£10,000 £10,000
J G Thornton R J Lilford J Hewison	Medical Research Council	July 1991 for 27 months July 1993	Prenatal diagnosis counselling randomised trial of individual and group counselling Extension	£84,541 £13,534 + £3,441
R J Lilford	Yorkshire Health Authority	1991	Long-term follow-up after chorion villus sampling	£5,000
R J Lilford	The Royal Commission on New Reproductive Technologies, Canada	July 1991	Effectiveness of Treatments for Subfertility: International Data base of Randomised Trials	£22,757
N Johnson R J Lilford	Nellcor Incorporated California, USA	August 1991 for 2 years	Developing Fetal Pulse Oximetry	£57,000
R J Lilford	The Royal Commission on New Reproductive Technologies, Canada	December 1991	Infertility treatment	£7,000
Miss A Geddes R J Lilford J Hatton J Hewison	Yorkshire Region	April 1992	Patterns of antenatal care	£45,000

GRANTS AWARDED TO PROFESSOR R J LILFORD				
Member of Staff	Awarding Body	Commencing Date and Period	Title of Research	Value
J Thornton J Onwude S Morley R J Lilford	Birthright	June 1992	Feedback on pelvic pain	£44,000
R J Lilford K Hurst D Hunter	Academic Development Fund, University of Leeds- plus matching funds from Yorkshire Region	January 1993	Centre for Health Services Research in Maternity	£75,000 £75,000
R J Lilford	Research and Development Fund, Yorkshire Region	October 1992 Extension 1993	Structured Review of Infertility Trials	£50,000 £10,000
G Mason/P Dear/ S Roussounis/ R J Lilford	Yorkshire Region	October 1992	Follow-up of abnormal doppler	£22,000
D Miller/J Bulmer/ G Taylor/M Griffith-Jones/R J Lilford	Medical Research Council	December 1992 January 1995	Transcervical recovery and purification of fetal cells for use in prenatal diagnosis. Extension	£49,000 £31,256
R J Lilford/G Jarvis	Birthright	April 1993	Structured reviews of Gynaecological Cancer	£48,000
N Johnson/M Gannon/ S Brown S Ash/ RJ Lilford	Medical Research Council	June 1993	Photodynamic endometrial ablation	£22,510 +£9,932
R J Lilford	Yorkshire Cancer Research	December 1993	Workshop on Structured Reviews in G Cancer Matching funds from Yorkshire Research Directorate	£2,000
D Miller/R J Lilford	Leeds Teaching Hospitals, Special Trustees	April 1994 for 1 year	RNA finger printing of Human Spermatozoa – a new look at male infertility	£28,270

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R J Lilford	Audit Committee LGI	February 1993	Audit of Community Maternity Care	£4,500
R J Lilford/J Thornton	Wellcome Trust	January 1993	Workshop to consider antenatal trial for growth retardation	£2,000
R J Lilford/A Vail	YRHA R&D Scheme	October 1994	Structured review of infertility trials	£122,400
R J Lilford	YRHA R&D	June 1994	Workshop on proposed trial infertility	£2,000
J Thornton/R J Lilford/ M Levine	Medical Research Council	October 1994 Supplement 1995	GRIT – Growth retardation intervention trial: Pilot study. The full study now funded - £400,000	£62,876
R J Lilford	Wellcome Trust	December 1994	Workshop – preventive trials for pre-eclampsia	£1,100
R J Lilford/A Rutherford/I Findlay	Special Trustees	December 1994	Pre-implantation diagnosis	£35,000
R J Lilford	N&Y R&D	February 1995	Choroid plexus cysts – prognosis	£800
H Cuckle/R J LilfordJ/Hewison/ G Taylor	Central R&D Committee Health Technology Panel	February 1995	Screening for Fragile X	£51,692
I Findlay/H Cuckle/ R J Lilford	MRC	May 1995	Identification of single cells by DNA fingerprinting	£98,128
R J Lilford/M Whittle	Oxford RHA	June 1995	Structured Reviews/Ultrasound	£10,000
R J Lilford/J Hewison/ J Jackson/J Thornton	HTA Programme – Centrally Commissioned Research	September 1995	Methodology of clinical trials – Ethics	£54,000

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C MacArthur/H Winter/ D Bick/Y Carter/ R J Lilford/H Gee/ C Henderson	NHS Health Technology Assessment Programme – Centrally Commissioned Research	December 1995 January 1998	Redesigning postnatal care: a randomised controlled trial of protocol based midwifery care Extension	£325,837 £44,000
T Dowswell/ S Harrison/K McHarg/ R J Lilford	N&Y RHA	January 1996	Health Panels: A Survey	£24,000
R Garry/D Braunholtz/ M Sculpher/R J Lilford/ S Bridgman	Central R&D Committee, HTA Programme	March 1996 January 1998	A comparison of laparoscopic, abdominal and vaginal hysterectomy Extension	£750,000 £237,000
J Hewison/R J Lilford/ J Thornton	Central R&D Implementation of effective care	December 1996	Uptake effective maternity care	£180,000
E Robinson/R J Lilford	School of Psychology Birmingham University	June 1996	Patient expectations regarding trials	£1,900
RJ Lilford/S Edwards/ A Stevens	NHS Executive HTA Programme	January 1998	Expanding the systematic review paradigm	£40,000
D Braunholtz/ RJ Lilford/S Edwards/ A Stevens/R Gray	NHS Executive HTA Programme	December 1998	Sub-group analysis – principles, practice and options	£65,000

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Member of Staff	Awarding Body	Commencing Date and Period	Title of Research	Value
E Robinson/ S Edwards/A Stevens/ RJ Lilford/D Braunholtz	NHS Executive HTA Programme	December 1999	Lay public's understanding of equipoise and randomisation in RCT	£122,000
		February 2003 Extension		£14,500
D Armstrong J Ogden S Wessely R Lilford	ESRC	August 2000	Quality of life as an innovative health technology	£91,800
R. Lilford D. Arriotti	Policy Research Programme	August 2001	Configuration of services for acutely ill children	£10,000
R. Lilford	Policy Research Programme	August 2001	Implications for research of Racial Discrimination Act	£5,000
R Lilford	DoH R&D Programme	September 2002	Programme grant to support methodological research (NCCRM)	£820,000
R Lilford	Policy Research Programme	September 2002	Support for Patient Safety Research Programme	£105,000
R Lilford	National Patient Safety Agency	October 2002	Content analysis and critique of life support and resuscitation programme	£95,000
R Lilford	National Patient Safety Agency	October 2002	Systematic review of the basic science underpinning patient safety	£95,000
R Lilford	National Patient Safety Agency	November 2002	Review and analysis of factors affecting compliance with patient safety directives, and commissioning work into adherence with directives	£120,000

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Member of Staff	Awarding Body	Commencing Date and Period	Title of Research	Value
J Parry, J Mathers, R Lilford, P Spurgeon, H Thomas and A Stevens	Policy Research Programme	December 2002	National evaluation of expansion of medical training	£300,000
K Khan J Gupta R Lilford R Gray	Wellbeing	2002	RCT of Laparoscopic utero-sacral nerve ablation in the treatment of chronic pelvic pain. (LUNA)	£150,000
T Young J Anderson H Williams R Lilford P Grocott S Morgon B Meenan I Robinson M Buxton J Crowe	EPSRC	June 2003	Multi-disciplinary assessment of technology centre for health.	£4,800,000
	PhD Supplement		Allocated to RJL at University of Birmingham	£349,000
		April 2004	Allocated to RJL at University of Birmingham	£60,000
	PhD Supplement	October 2005	Allocated to RJL at University of Birmingham	£60,000
Gupta J Grey R Lilford RJ Others	HTA Programme	September 2003 4 years	Myrena Treatment Menorrhagia	£1,200,000
Lilford R J	Department of Health	September 2003 5 years	Patient Safety Research Support	£485,323

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Halligan S Lilford R Yao G Atkin W Morton D Others	NIHR HTA Programme (Grant ref: 02/02/01)	2004 to 2011	CT colonography, colonoscopy or barium enema for diagnosis of colorectal cancer in older symptomatic patients: The SIGGAR1 trial Allocated to RJL (2010-2011)	£1,708,792 £58,323
Lilford R J Others	Medical Research Council	1 January 2004 2 years	Cross-Council Research Networks in Patient Safety Research. Development & Dissemination of Methodology.	£50,000
Lilford RJ Girling A Khan K Armstrong D Jones R Marteau T Moons K / Altman D Bentham L	HTA Programme (03/38/01)	July 2005 to February 2011	Evaluation of Liver Function Tests in Primary Care (BALLETS) Research Cost (OS/Q0702/50) NHS Support Supplement for cryogenic storage blood Supplement 2007 Supplement 2008 Supplement 2009	£530,000 £216,470 £9,000 £93,000 £49,599 £43,838
Lilford R J Johal A Dawson J Baber N Dixon- Woods M	Health Foundation	September 2004 4 years	Evaluation of Methods to Improve Patient Safety in NHS Hospitals	£550,000
Griffin D Lilford RJ Others	Arthritis and Rheumatism Council	1 April 2005 4 years	UK Heel Fracture Trial – Grant 15964 Allocated to RJL	£250,000 £10,000

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Member of Staff	Awarding Body	Commencing Date and Period	Title of Research	Value
Large Consortium including Lilford RJ	European Union 6 th Framework Systems Approach to Tissue Engineering Process and Product	2005 – 4 years	Allocated to RJL at University of Birmingham for work on Health Economics	£130,000
Williams D Crowe J Lilford RJ Others	EPSRC	2005 – 4 years	Innovative Manufacturing: Regenerative Medicine. Remedi Grand Challenge. Allocated to RJL at University of Birmingham. PhD supplement – DTAr/01/2006	Approx £4 million £113,000 £49,000
Lilford RJ	National Patient Safety Agency	2005 – 2 years	Confidential enquiry into premature death in people with learning disability: scoping study	£104,000
Lilford RJ	Department of Health	2006-2011	Connecting for Health National Programme for Information Technology Innovation and Evaluation	£470,000
Lilford RJ	National Patient Safety Agency	2006 – 3 years	Funding for Control Sites for measurement of Patient Safety	£100,000
E Pitchforth R Lilford	British Academy	2007	Funding to visit Ethiopia to study Hospital Based maternity care	£5,000
Lilford R Johal A Rudge G Girling A Dawson J	Health Foundation	2007-2010	Evaluation of Safer Patients Initiative 2	£300,000

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M Mohammed, Rudge, RJ Lilford	West Midlands Strategic Health Authority	2007-2008	Probing variations in hospital mortality	£160,000
Young T Lilford R Meenan B Morgan S Crowe J Buxton M	EPSRC	2008-2013	Multi-disciplinary assessment of Technology Centre for Health (MATCH) (EP/G012393/1) Allocated RJL at University of Birmingham.	£6,500,000 £1,400,000
Lilford R J Rosser D	National Institute Health Research	2008-2013	Collaborations for Leadership in Applied Health Research and Care for Birmingham & Black Country (CLAHRC-BBC)	£10,000,000
Lilford R J	National Institute Health Research	2008-2011	Senior Investigators Award	£45,000
Billingham L Lilford R Others	MRC	2009-2014	Midland Hub for Trials Methodology Research of University of Birmingham G0800808	£2,500,000
Barach P Lilford R Others	European Union Framework 7 (FP7-HEALTH-F2-2008-223409)	2008-2011	Handover – improving the continuity of patient care. Awarded to RJL at University of Birmingham	Euros 1,800,000 Euros 306,000
Halligan S Lilford R Others	NIHR Programme Grant RP-PG-0407-10338 (RGCCQ 14530)	2009 -2013	Imaging diagnosis for colorectal cancer. (ORBIT) Awarded to RJL at University of Birmingham	£1,458,000 £148,000

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Taylor D Lilford R Others	Advantage West Midlands Awarded to University Hospital Birmingham Foundation Trust	2009-2010	Developing Centre of Excellence Networks in Translational Research	£202,000
West M Dixon-Woods M Lilford R Bion J	NPSA Department of Health Health Foundation NHS III	2009-2011	An ethnographic study of efforts to reduce central venous catheter blood stream infections in intensive care units in England	£132,383
Lilford R Mohammed M	SHA	2009-2012	The West Midlands Institute for Safety and Quality in Healthcare (ISQH)	£646,250
Lilford R on behalf of Birmingham & Black Country	DoH	2010-2012	Health Innovation & Education Cluster (HIEC)	£1,300,000
Lilford RJ Others	MRC	2010-2013	Establishment of a network for trauma research	£300,000
Young T Lilford RJ Yao G Others	EPSRC (GR/S29874/01)	2010-2013	Multi-disciplinary assessment of Technology Centre for Health (MATCH) PLUS and International RJL leads the Birmingham Health Economics Workstream	1,200,000 £321,948
Litchfield I Greenfield S McManus R Bentham L Lilford R	National Institute for Health Research – research for Patient Benefit Programme	2011-2014	Development and Evaluation of a system to improve communication of test results in primary care (TRaCKED PB-PG-1208-18219)	£303,478

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Sheikh A Others	NIHR Programme Grant (RP-PG-1209-10099)	2011-2016	Investigating the implementation, adoption and effectiveness of ePrescribing: Mixed Method National Evaluation RJL responsible for Health Economics and Statistical Experts	£1,995,000 £262,000
Lilford R Cummins C Rudge G Thorpe G Yao G L Others	National Institute for Health and Clinical Excellence (NICE)	2011-2014	External Assessment Centres (EAC) to support the evaluation pathway for Medical Technology and related NICE Technology Evaluation Programme Allocated to RJL at University of Birmingham	£1,224,463 £770,187
Porter K Lilford R Lord J Midwinter M Logan A Williams A	NIHR and MoD Centre Grant (DKAA RGCQ 15887)	2011-2016	Surgical Reconstruction and Microbiology Research Centre Allocated RJL at University of Birmingham	£10,000,000 £308,000
Lilford R	National Institute Health Research	2012-2015	Senior Investigators Award	£45,000
Simmonds L Jones T Fanning H Ray D Fawcett K Lilford R	Health Foundation	2012-2015	Shared purpose study on diarising the patient journey.	£400,000

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Clutton-Brock T Midwinter M Belli T Logan A Grey M Lilford R	NIHR	2013-2017	Healthcare Technology Co-operative in Trauma	£800,000
Foskett Tharby R Gill P Mohammed M Lilford R	NICE	2013-2016	QOF Indicator Development	£750,000
Currie G Lilford R Kiefer T Redwood S Staniszewska S	NIHR Health Services and Delivery Research (HS&DR) programme (12/5002/01)	2013-2016	Improving the Absorptive Capacity (ACAP) of Clinical Commissioning Groups (CCGs) for Critical Review of Evidence to Reduce Unplanned Elderly Care Admissions into Acute Hospitals	£465,000
			Allocated R.JL at University of Birmingham	£36,738
Bion J Lilford R Girling A Mannion R Rudge G Lord J Tarrant C	NIHR Health Services and Delivery Research (HS&DR) programme (12/128/17)	2014-2018	Evaluation of the Impact of High-Intensity Specialist-Led Acute Care (HiSLAC) on Emergency Medical Admissions to NHS Hospitals at Weekends	£1,400,000
			Allocated R.JL at University of Birmingham	£60,000

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Lilford R J Jones T	National Institute Health Research	2014-2019	Collaborations for Leadership in Applied Health Research and Care for the West Midlands (CLAHRC-WM) Matching NHS, Local Authority and University funds	£10,000,000 £20,671,989
Lilford R J Jones T	West Midlands Academic Health Science Network	1 April 2015- 31 March 2016	Prospective evaluation of the social impact of new genetic methodologies in support of the 100,000 Genomes Project	£90,000
A Plowright R Lilford C Taylor G Hundt	Medical Research Council	1 September 2015 - March 2017	Improving the health literacy of Lay Community Health Workers (LCHWs) in Southern Africa to improve the health of women and children	£149960.25
G Currie H Teede I McLoughlin R Lilford	Major Initiative Scheme	1 January 2015- 31 September 2019	Healthcare improvement alliance	£1,059,000
R Lilford YF Chen	The Health Foundation	1 August 2015 – 30 September 2015	Evidence scan: Bayesian approaches to evaluation.	£20,000
K Khunti, M Carey N Dhalwani R Gregory, R Lilford, G O'Donovan, P Saravan	National Institute for Health Research	September 2015	Walking away from Gestational diabetes: a joint project of Collaboration for Leadership in Applied Health Research and Care (CLAHRC) East Midlands and CLAHRC West Midlands	£249,456.85

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Member of Staff	Awarding Body	Commencing Date and Period	Title of Research	Value
D Reynolds K Israeli-Ballard E Kimani-Murage R Lilford	County Innovation Challenge Fund	September 2015	Determining the feasibility of scaling up an innovative baby-friendly community based approach for improving maternal, newborn and infant nutrition practices in Kenya	\$250,000
J Goudge F Griffiths R Lilford	Wellcome / MRC / EsRC / DFID Health Systems Research Initiative	September 2016 December 2019	Implementing integrated, comprehensive, community-based health care for vulnerable communities in South Africa: A better-practice model	£660,000.38

PHD STUDENTS SUPERVISED – POST 2000		
Tengbin	Xiong	Extra colonic lesions detected by computed topographic colonography: their frequency, nature and potential impact - Awarded
Jason	Gordon	The elicitation of individuals Bayesian prior probabilities and their incorporation into cost effectiveness (especially of Information) models - Awarded
Elpiniki	Laiou	The effects of Practical Training methods of different Forms and Intensities on the Acquisition of Clinical Skills - Awarded
Amirta	Johal	Uptake of patient safety information - Awarded
Sopna	Choudhury	Correlation Data on Epidemiology of Diabetes And Related conditions (CEDAR)
Helen	McAteer	The use of health economics in the early evaluation of regenerative medical applications - Awarded
Louise	Hartley	Inter country differences in the effectiveness of medical interventions: a study using panoramic meta analysis - Awarded
Lavanya	Diwakar	An Economic Evaluation of Paediatric Allergy Services in the West Midlands
Karin	Diaconu	Health Technology Assessment and Prioritisation of medical devices in resource poor settings.
Katesi	Batamuliza Mukara	Incidents and early detection of chronic ear disease in children aged 1-5 in Rwanda.
Ambrose	Agweyu	Comparing antibiotic treatments in children with pneumonia in Kenya: a review, trial and modelling study.
Abdullah	Alabdalli	Inter facility critical care transfers in Saudi Arabia.
Jacinta	Mwikali Nzinga	Improving delivery of hospital care in Kenya – Understanding how health workers’ and contexts influence change.
Helen	Williams	Intersectoral working for maternal health in low income countries.