

## **Sir Leszek Krysztof BORYSIEWICZ**

Below are some illustrations and examples of the varied aspects of my career to date, which demonstrate my standing, leadership and management skills and experience, interpersonal, communication and networking skills, breadth of understanding and strategic vision.

### ***Present Appointments:***

Vice-Chancellor Elect of the University of Cambridge (October 2010 -)

Chief Executive, Medical Research Council (October 2007 – October 2010)

Honorary Consultant Physician (Infectious Diseases), St Mary's NHS Trust, Praed Street, London W2 1NY (2001 -)

### ***Awards and Honours:***

- Harverian Orator (Royal College of Physicians, London) (2009)
- Sir Arthur Hall Lecturer (University of Sheffield) (2009)
- Fellow of Royal Society (2008)
- Honorary Degree of DSc – University of Southampton (2008)
- Honorary Degree of DSc – University of Hull (2008)
- Royal Society of Medicine (2007) – Jephcott Medal
- Fellow of Cardiff University (2006)
- Fellow of the City and Guilds of London Institute (2004)
- Member of the Lister Institute (2004)
- Member of Cancer Research UK, following service as a member of Council and Trustee (2004)
- Honorary Fellow of Wolfson College, Cambridge (2002)
- FRCPATH (London) Honorary Fellowship (2002)
- Royal College of Physicians (London) Moxon Trust Medal (2002)
- KBE (2001)
- Founder Fellow of the Academy of Medical Sciences (1998)
- Foreign Member of the Faculty of Natural Sciences of the Polish Academy of Arts and Sciences at Krakow (1998)
- Royal College of Surgeons of England, Sir Arthur Sims Commonwealth Travelling Professorship (1997)

### ***Education and Qualifications:***

- FRCP (London) (1989)
- PhD (London) (1986)
- MRCP (UK) (1979)
- MB, B Ch with Honours (1975)
- BSc First Class Hons in Anatomy (1972)
- Welsh National School of Medicine (1969 – 1975)
- Cardiff High School for Boys (1962 – 1969) -10 GCE'O' levels/3 GCE'A' levels

### ***Previous Chair/Membership of distinguished Committees:***

Chairman of the HEFCE RAE 2008 Main Panel A Assessment Panel (2005 - 2009)

Member of Singapore Biomedical Sciences International Advisory Council (BMS AC) (2008 -)

Member of Medical Research Council Technology (2007 -)

Member of Health Innovation Council (2008 -)

Chairman, UK Stem Cell Funder's Forum (2007 -)

Chairman, Heads of International (Biomedical) Research Organisations (2007 -)

Member, Global Science and Innovation Forum (GSIF) (2008 -)

Vice President, European Heads of Research Council (EUROHORCs) (2007 -)

*AMRC and other organisations:*

- Trustee, Nuffield Trust, London (2002 – 2007)
- Chairman Science Committee, Cancer Research UK (2002 – 2004)
- Member of Council and Trustee, Cancer Research UK (2002 – 2005)
- Member of General Purposes Committee, Cancer Research UK (2004 – 2005)
- Chairman of the British Heart Foundation Cardiovascular Research Review (2001–2002)
- Member of Council – Academy of Medical Sciences (1997-2002) [elected nationally]
- Member of the Policy Evaluation Advisory Group, The Nuffield Trust (1998 – 2005)
- Member of Wellcome Trust Monitoring Committee for clinical research facilities (1998-2000)
- Member of the Linbury Trust Scientific Advisory Committee (1997 - )
- Member of Lister Institute of Preventative Medicine Scientific Advisory Committee (1996 – 2002)
- Member of Medical Advisory Committee of the British Council (1995 – 2001)
- Chairman of the joint MRC/DH Research Advisory Committee on Transmissible Spongiform Encephalopathies (1996-2002)
- Member, then Chairman of the Joint Medical Advisory Committee (NHS and HEFCE) (2000-2005)
- Chairman of the Unit of Assessment Panel for Hospital Based Subjects in Research Assessment Exercise (2001) HEFCE (1998-2002) and Panel Member (1994-1998)
- Board Member of the Kidney Research Unit Fund for Wales (1995 – 2000)
- Board Member of the Foundation for Nephrology (1995 – 2000)
- Member of the Lister Institute of Preventive Medicine (1994 - )
- Chairman of Linbury Trust Scientific Advisory Committee (1992-1996)
- Member Wellcome Trust Clinical Interest Group (1991 – 1994)
- Member of Council of National Kidney Research Fund (1991-1996)
- Chairman of NHS (Wales) R & D Grants Committee (1994-1998)
- Acting Director of NHS (Wales) Research & Development (1994-1996)
- Member of the Chief Executive's Advisory Committee on Research Relevant to Health in Developing Societies (1997)
- Member Wellcome Trust Panel on Infection and Immunity (1990 – 1995)
- Advisory Panel to Linbury Trust (1990 – 1992)

*Research and Grant awarding organisations:*

- Member of Council; Chairman of the Molecular and Cell Board (1996 – 2000) and member of the Physiological Medicine Board (1995-6) of the Medical Research Council (1995-2000)
- Member of Council of the Medical Research Council (1995 – 2000)
- Chairman of the Molecular and Cell Medicine Board. These duties include not only chairing MCMB Meetings but being Board representative to Council, SDG, AAG etc. I have chaired ~16 Unit Scientific Reviews and Site Visits, ~10 Appointment Committees, 5 reviews linked to establishing new Units and participated in ~15 sub-committees dealing with specific MCMB related matters (1996 – 2000)
- Member of MRC Cardiovascular Advisory Group (2001-2002)
- Chairman MRC Vaccine Development Group (1991 – 2002)

*University:*

- Trustee of St Mark's Hospital Foundation (2003 -2004)
- Observer of West London Development Workforce Confederation HEI Group (2002 – 2004)
- Chairman of the Joint Medical Advisory Committee (NHS and HEFCE) (2002 – 2004)
- Member of Schistosomiasis Control Initiative (SCI) Board of Directors (2002 – 2007)
- Member of the HEFCE RAE Review Steering Group (Chaired by Gareth Roberts) (2001 – 2002)
- Principal, Faculty of Medicine and Imperial College School of Medicine. The appointment as Principal requires me to Chair all Faculty Advisory Committees and to: represent the Faculty at most College Committees, Senate, Court and Council, including the Executive Committee. (2001 – 2004)
- Observer of Hammersmith Hospitals NHS Trust Board (2001– 2004)
- Member of North West London Acute Chief Executive Forum (2001 – 2005)
- Member of West London Pathology Consortium (2001–2004)
- Chairman of the Unit of Assessment Panel for Hospital Based Subjects in Research Assessment Exercise (2001) HEFC(E) (1998 -2002)
- HEFC(E) member of the Research Assessment Exercise Panel – Hospital based Subjects (1995 – 1996)
- Member of Board of Advisors - Standing Panel of Experts in Medicine, University of London (1993 – 2001)

*Clinical and other advisory organisations:*

- Member, Expert Scientific Group – Clinical Trial TGN 1412, Medicines and Healthcare products Regulatory Agency (2005 - 2007)
- Chairman UKCRC Integrated Academic Training (2005 – 2007)
- Member of Royal College of Physicians' Advisory Committee on Higher Awards (2000)

- Member of the Specialist Advisory Committee in Genitourinary Medicine, Royal College of Physicians (1991 – 2001)
- Member of the Royal Colleges Joint Committee on Infection (1998 – 2000)
- Member of panel advising Ministry of Defence on health consequences of service during Gulf War (1996)
- Member of the Joint Working Party (College of Psychiatrists and Physicians) on Chronic Fatigue Syndrome (1995 – 1996)
- Member of Research Committee of the Royal College of Physicians (1995 – 1997)
- Chairman Specialist Advisory Committee on Infection and Tropical Medicine (1994 – 2001)
- Member Royal College of Physicians' Joint Committee on Higher Medical Training (1994 – 2001)
- Member of Department of Health Expert Advisory Group on AIDS (1993 -1997)
- Member of Department of Health Expert Group for Hammersmith & Queen Charlotte's SHA (1993)
- Welsh representative on Joint Medical Advisory Committee (JMAC) of Higher Education Funding Councils (2000 – 2001)
- Member of the NHS R & D Consortium Committee of the Vale and UHW Trust (1998 2001)

*Europe and International:*

- Chairman of Scientific Council of International Agency for Research on Cancer (WHO) (2002 – 2004)
- Vice Chairman of Scientific Council of International Agency for Research on Cancer (WHO) (2001 – 2002)
- Member of Scientific Council of International Agency for Research on Cancer, WHO (2000- 2004)
- EU Advisory group on Transmissible Spongiform Encephalopathies (1996)
- Member of SmithKline Beecham Biologicals/Regional Government - Walloon Region, Belgium, Scientific Advisory Committee for Centre for Inter-University Vaccine Research (CRIV) (1995 – 2004)

*Industrial:*

- Member of Oxxon Pharmaccines Limited Scientific Advisory Board (2002 – 2004)
- Member of Scientific Advisory Board for Cancer Research Ventures Limited (2000-2002)
- Consultant to Cantab Pharmaceuticals PLC (1991-2000)
- Consultant to Smith Kline Beecham RIT (Belgium) in cell mediated anti-viral immune responses and vaccine development (1998)

*Editorial:*

- Member of the Editorial Board of Viral Immunology (2000)
- Member of the Editorial Board – Microbes and Infection, Pasteur Institute, Paris (1998)
- Specialist Advisor to the Journal of Infection (1997)
- Series Editor, British Medical Board (1997 – 2001)
- Member of Editorial Board of British Medical Bulletin (now Series Editor) (1995 – 2007)
- Member Editorial Board Infectious Diseases, Baillière Tindall (1994-2000)
- Member Editorial Board, Quarterly Journal of Medicine (1992 – 1997)
- Member of International Scientific Council of Immunologia Polska Journal (now the Central european Journal of Immunology) (1991 - )
- Member of Editorial Board-Journal of Immunological Methods (1981 – 2001)
- Member of the Editorial Board – Autoimmunity: Harwood Academic Publishers- London, Paris, New York (1987 -2000)

**Previous Appointments/Professional Experience:**

2004 – October 2007	Deputy Rector, Imperial College London, Imperial College Road, London SW7 2AZ
2006 - 2007	Governor, Wellcome Trust
2005 - 2007	Chairman Joint MRC/UK Stem Cell Foundation Scientific Advisory Board
2005 - 2007	Chairman UKCRC Integrated Academic Training Awards Panel
2002 - 2007	Trustee, Nuffield Trust, London
2001- Oct 2004	Principal, Faculty of Medicine and Imperial College School of Medicine, Imperial College of Science, Technology and Medicine, Sir Alexander Fleming Building, Imperial College Road, London SW7 2AZ
2003- 2004	Non Executive Director, North Thames Regional Health Authority, Victory House, 170 Tottenham Court Road, London
2001 - 2003	Non Executive Director, Chelsea and Westminster Healthcare NHS Trust, 369 Fulham Road, London SW10 9NH
1999- 2001	Professor of Medicine, University of Wales College of Medicine, Cardiff. Honorary Consultant Physician (Infectious Diseases), University Hospital of Wales, Cardiff
1995- 2001	Honorary Consultant Physician, Cardiff Community Healthcare NHS Trust

	Honorary Consultant Physician, Llandough Hospital Trust
	Honorary Consultant Physician, Velindre Hospital Trust
1989-1990	Honorary Consultant Physician to Papworth Hospital, Huntingdon
1988-1990	University Lecturer in Department of Medicine and Honorary Consultant Physician (Infectious Diseases) University of Cambridge, Addenbrooke's Hospital, Cambridge
1988-1988	Wellcome Trust Senior Lecturer in Infectious Diseases and Honorary Consultant Physician, Department of Medicine, University of Cambridge, Addenbrooke's Hospital, Cambridge
1987-1987	Lister Research Fellow and Honorary Consultant Physician, Department of Medicine, University of Cambridge, Addenbrooke's Hospital, Cambridge
1987-1987	Lister Research Fellow/Honorary Senior Lecturer and Consultant Physician (Infectious Diseases), Department of Medicine, Royal Postgraduate Medical School and Hammersmith Hospital, London W12
1986-1987	Senior Registrar to the Renal and Infectious Diseases Unit (Professor DK Peters, Dr J Cohen et al) Hammersmith Hospital and Royal Postgraduate Medical School, London W12
1986	Consultant Physician at The Royal Victoria Hospital, Banjul, The Gambia
1982-1986	Lister Research Fellow, Honorary Senior Registrar and Lecturer in Medicine, Royal Postgraduate Medical School and Hammersmith Hospital
1980-1982	MRC Training Fellowship Award (until October 1983) Research Fellow and Honorary Registrar to Department of Medicine (Renal) Professor DK Peters and Dr JGP Sissons, Royal Postgraduate Medical School and Hammersmith Hospital
1979-1980	Registrar in Renal Medicine and Immunology to Professor DK Peters, Dr AJ Rees and Dr C Spry, Hammersmith Hospital and Royal Postgraduate Medical School
1978-1979	Registrar in General Medicine, Cardiology and Gastroenterology to Dr D Krikler and Dr H McMichael, The Ealing Hospital
1978-1978	Senior House Officer in Neurology to Dr CJ Earl, Sir R Bannister and Dr R Kocen at National Hospital for Nervous Diseases, Queen's Square
1977-1978	Senior House Officer in Medicine (Renal and Immunology) to Professor DK Peters and Dr C Spry at Hammersmith Hospital and Royal Postgraduate Medical School
1977-1977	Senior House Officer to Profesor AW Asscher in General and Renal Medicine, Cardiff Royal Infirmary, Cardiff

1976-1977	Senior House Officer to Department of Neurology Dr CE Wells and Dr J Graham at University Hospital of Wales, Cardiff
1976-1976	House Surgeon to the Surgical Unit Mr M Baum, University Hospital of Wales and Cardiff Royal Infirmary, Cardiff
1975-1976	House Officer to the Medical Unit Dr T Hayes & Dr J Picton Thomas at University Hospital of Wales, Cardiff

## **Distinguished Lectures**

### **2008**

- Cardiff Medical Society - "The Global Health Agenda"
- Neath Port Talbot Local Health Board, Protected Time for Learning – "Cancer Vaccines from Bench to Policy"
- EMRC White Paper Briefing Conference - Present Status & Future Strategy for Medical Research in Europe - 'National Institutes of Health and Medical Research Councils
- Inaugural meeting of newly established MRC Neuromuscular Translational Research Centre at UCL/Institute of Neurology/Institute of Child Health and Newcastle University – "Translational Research in UK"
- Cardiff for Africa – 'Global Health Initiatives – are the Research Priorities Changing?'
- Association of Physicians of Great Britain and Ireland, Annual Meeting – 'MRC-NIHR academic initiative'
- International meeting for Autism Research - 'The Role of the Medical Research Council in Supporting Autism Research in the UK'
- Cancer Research UK Senior Leadership Conference 'Together' – 'MRC and Cancer Research UK Working Together'
- Clinical Trials Conference - 'Accelerating Bench-to-Bedside' - William Harvey Research Institute, Barts and the London NHS Trust
- Peninsula College of Medicine and Dentistry – 'The MRC and Biomedical Science – where next?'

### **2007**

- The Lord Phillips Memorial Lecture, Cardiff University and Cardiff Scientific Society Lecture: "AIDS as the Modern Plague"
- TU Delft 165<sup>th</sup> 'Dies Natalis': "Universities and the Global Health Agenda"
- Centenary Lecture, Kampala, Uganda: "Imperial College Centenary: Past, Present and Future"
- Conference of Medical Academic Representatives 2007, BMA: "Integrated Academic Training Pathway"
- Jephcott Symposium, The Royal Society of Medicine: "Cancer prevention: vaccine-based approaches"

- Annual ABPI lecture - "Universities, the Pharmaceutical Industry and the Global Health Agenda"
- Ministerial Launch of the DIUS Science Budget Allocations to 2010/2011 –“Ageing: Lifelong health and well-being; Stem cells & regenerative medicine”
- West Kent Medico-Chirurgical Society – “Improving Health in the Developing World”

## **2006**

- Commercialisation of Stem Cells: “From Bench to Bedside - How to make the Translational Leap”
- Science & Technology Seminar, Centre for China in the World Economy, School of Economics and Management, Tsinghua University: “The Academic Mission”
- University of Manchester: “HPV and Cervical Cancer in the Developing World”
- Centre for Integration of Medicine and Innovation Technology (CIMIT):
- St John's Hospital Dermatological Society:
- Athenaeum: “Whither Medical Education?”
- CORE: “Developing Academic Medical Careers”

## **2005**

- The Opening ceremony of Leeds Institute of Genetics, Health and Therapeutics Lab: “The Challenges and Opportunities for Academic Medicine”
- Royal College of Physicians Regional Update in South Wales: Bradshaw lecture “The Global Public Health Challenge”
- Royal Society Equality Challenge Athena Conference: “Maximising UK Assets”

## **2004**

- The Genomics and Proteomics Revolution: Vaccine Development, Drug Design, and Delivery: “Anti-cancer vaccines – implications for developing countries”
- Annual General Meeting of the German Society of Internal Medicine: “The Situation of Clinical Research in the United Kingdom”
- BHF Cardiovascular Forum: “The British Medical School – Where Next?”
- Meeting for Clinical Scientists in Training: “The International Opportunity and Agenda – a Role for Academic Medicine”
- University of Warwick, Turberg lecture: “How can we engage with Global Public Health issues?”
- Atlantic College: “Causes and Consequences of HIV and AIDS”

## **2003**

- Association of Clinical Professors. ‘The Future of the RAE - Lessons from 2001’
- Association of Professors of Obstetrics & Gynaecology.



- University of Leeds. "Career Development Workshop: 'Academic Career Development in the 21<sup>st</sup> Century – What is an Academic?'"
- MRC Strategy Development Group Meeting: "Infection: A Model for Change"
- Fourth Advanced Course of Vaccinology – 2003 (Annecy): "Prospects for HPV vaccines and prevention of cervical cancer"
- Association of Clinical Pathologists: "Vaccination against Cancer"
- University of Bologna: "Vaccines for the Prevention of Cancer"
- HPV Vaccines & Immunotherapies Symposium: "Vaccine development from bench to field. Can cervical cancer be prevented?"
- Health Services Journal 'Joining up Health Symposium': Medical Advances
- University of Wales College of Medicine public lecture: "AIDS: The Modern Plague"
- Trinity College, Oxford 'From the Laboratory to the Clinic': HPV Vaccine Studies"

## **2002**

- The Royal College of Pathologists. "Protecting the public from Infections, Chemicals and Radiological Hazards"
- Bolton and District Medical Society. "Cervical Cancer"
- Abingworth Management Scientific Advisory Group, London. "Infectious Diseases: A Clinical Viewpoint"
- IC and Universities UK, London. "Future Directions in Health Education"
- South Western Laryngological Association 2002 William Memorial Lecture, Wales. "Infectious Disease and the Surgeon"
- Society for General Microbiology – Workshop on Papillomaviruses, Warwick. Virus Infection in Immunocompromised and Transplant Patients'
- SmithKlineBeecham Symposium, Belgium.
- National Cancer Institute, HPV Immunology Workshop, Rockville, Maryland USA. "The role of Human CD8 Cytotoxic T Cells in Control of HPV Associated Malignancy"
- Institute of Welsh Affairs, Swansea. "The Research Focus"

## **2001**

- British Geriatrics Society, Cardiff. "HIV in the Elderly"
- RAND Corporation/Nuffield Trust, Santa Monica, California. "Future development of Biomedical Research and Education"
- Royal College of Physicians, London. "Clinical Research in Action"
- British Association of Dermatologists, Cardiff. Human Pappilomarvirus Infection
- International Congress of Immunology, Stockholm. "Viral Infections and Viral Immunity"

- Edinburgh Virology Symposium, Edinburgh. “Development of Antiviral Cancer Vaccine to HPV”

## 2000

- Glaxo Wellcome Seminar: “Immune responses to human papillomaviruses – implications for vaccines”
- Royal College of Physicians, London, Advanced Medicine Conference: “Vaccine strategies for cancer”
- Association of Clinical Professors Meeting (Royal College of Physicians, London): “RAE update”
- British Transplant Society, Cardiff – Opening Plenary Presentation: “Viral infection post transplantation with CMV/EBV”
- V<sup>th</sup> EUROGIN meeting, Paris: “Use of vaccines recombinants to express HPV 16 proteins: results of phase I/II clinical trials”
- EFIS 2000, Poland; Satellite symposium on “Infectious Immunity and Vaccines”: Title of talk: “Viral evasion of innate immunity”
- ICCAC Meeting, Toronto, Canada; invited speaker: “Measurement of specific T cell immunity”
- Festival of Medicine Keynote Conference; invited speaker: “Development of anti-cancer vaccines”

## 1999

- WHO Geneva; Global programme for vaccines and immunisation: Title of lecture given “Regulatory and ethical issues related to HPV vaccination”
- British Society for Investigative Dermatology Annual meeting: “Human papillomavirus infection and cancer; prospects for prevention”
- European Renal Association in Madrid: “Vaccines against human papillomavirus”
- From the Laboratory to the Clinic, Trinity College, Oxford: “Immunotherapy of human virus associated cancers”
- William Harvey Lecture, St Bartholomew’s: “Vaccines for cancer: myth or reality?”

## 1998

- University of Leicester, Department of Immunology Seminar: “Towards the development of human anti-cancer therapeutic vaccines”
- Department of Immunology, King’s College Medical School: “Virus specific cytotoxic T cells”
- Ziekenhuis Academisch, Free University of Amsterdam: “HPV specific CTL Immunity”
- Glaxo Wellcome Seminar: “CMV and the host: evasion and immunopathology”
- St George’s Hospital, London Guest lecture: “Vaccines and cancer”
- Imperial College, St Mary’s Seminar: “HPV specific CTL”
- BMA Conference, Cardiff – Science and Medicine: “Anti-cancer vaccines”

- EACR meeting, Stockholm: "HPV specific immunity and development of cervical cancer vaccines"
- Cervical Cancer Vaccine Meeting National Institute of Health, Bethesda, USA: "HPV specific CTL immunity"
- SKB Symposium, Belgium: "Herpes Viruses"
- University Hospital Birmingham, Respiratory Seminar programme: "Virology and the lung"
- Royal College of Physicians, Science & Medicine Conference Talk: "CMV"

### **Membership of Societies**

- Association of Clinical Professors of Medicine
- Bologna Medical and Surgical Society
- British Society for Immunology
- Society for General Microbiology
- Infectious Disease Society (now merged with British Society for Infection – Treasurer 1992-4)
- Medical Research Club
- Association of Physicians (UK) – Executive Committee Member(1995-98)
- American Society of Immunology
- Society of Physicians in Wales
- 1942 Club

### **Personal Awards/Research Grants**

1980-1983	<b>MRC Clinical Training Fellowship</b>
1983-1987	<b>Lister Foundation Research Fellowship</b> 5 year competitive award giving salary and consumable expenses
1988-1990	<b>Wellcome Trust Senior Lecturer in Infectious Diseases</b> Analysis of the T cell response to human picornavirus infection" (£270,000) (5y)
1989-1992	<b>Sun Computers</b> Proposal to establish Molecular Biology Computing Research Group Multiple alignment analysis of picornavirus sequences (£30,000) (3y)
1989-1992	<b>Wellcome Trust Prize PhD Studentship</b> for NJ Alp Characterisation of cytotoxic T cell epitopes within human cytomegalovirus immediate early proteins (£27,225) (3y)
1989-1993	<b>Medical Research Council Project Grant</b> Quantitative analysis of HIV specific cytotoxic T cell responses (£132,000) (3y)
1989-1993	<b>MRC AIDS Clinical Training Fellowship</b> for Dr A Carmichael Project - "Frequency of HIV-specific cytotoxic T lymphocytes" (£69,504) (3y)
1990-1993	<b>Smith Kline Beecham RIT</b> Analysis of the specificity of HCMV specific cytotoxic T cells and its application to vaccine development (£150,000) (3y)

1991-1994	<b>Smith Kline Beecham RIT</b> To extend the above studies to encompass the effect of pregnancy on HCMV specific and gB specific CTL (£9,000) (2y)
1991-1994	<b>MRC Training Fellowship</b> for Dr Paul Lehner To investigate viral proteinases and antigen recognition by human cytotoxic T cells (£65,000) (3y)
1992-1995 Pharmaceuticals)	<b>MRC Collaborative Project Grant</b> (with Cantab Prevention and treatment of human cervical cancer using <i>in vivo</i> expression of HPV proteins (£140,000) (2y)
1992-1993	<b>Wellcome Trust</b> Study of human virus specific T cells and their cross-reactivity with cellular determinants (£12,151) (1y)
1992-1996	<b>The Linbury Trust</b> The role of psychosocial factors and recurrent infection in the pathogenesis and treatment of Chronic Fatigue Syndrome (£128,000) (3y)
1993-1995	<b>Welsh Scheme for Development of Health and Social Research</b> Study of Influenza specific cytotoxic T cell responses in clinical infection (£22,905) (1y)
1993-1994	<b>Arthritis &amp; Rheumatism Council</b> Influenza A specific cytotoxic T lymphocytes and juvenile chronic/rheumatoid arthritis (£35,554) (1y)
1993-1997	<b>MRC Clinical Training Fellowship</b> for Dr Eve Evans A functional and phenotypic analysis of CD8 <sup>+</sup> CD57 <sup>+</sup> lymphocytes (£75,180) (3y)
1993-1997	<b>HEFC(W) Project Award</b> Development and use of transgenic and SCID mice in the analysis of the CD8 T cell response to virus infection (£80,048) (3y)
1993-1994	<b>Wellcome Trust Clinical Fellowship</b> for Dr Kaye Platt The role of epitope flanking sequences in CD8 cytotoxic T cell responses (£43,366) (1y)
1994-1997	<b>Welsh Scheme for Development of Health and Social Research</b> with Dr G Wilkinson Development of a model system to study Hepatitis C virus (HPVC) pathogenesis (£32,000) (2y)
1994-1998	<b>Wellcome Trust Postdoctoral Research Fellowship</b> for Dr RJ Matthews A characterization of the haematopoietic protein tyrosine phosphatase, SHP: Its role in T-cell development and effector function (£320,000) (4y)

	Additional supplement to above	(£125,000)
1994-1997	<b>MRC Training Fellowship</b> for Dr Kaye Platt The role of epitope flanking sequences in CD8 cytotoxic T cell responses	(£75,180) (3y)
1994-1995	<b>SK Beecham Biologicals Ltd (Rixensaart)</b> Study of varicella vaccine in elderly subjects	(£75,110) (1y)
1994-1996	<b>The Linbury Trust</b> Examination of enteroviral exacerbation of symptoms in CFS following oral polio virus vaccination: virus shedding, mutation and specific immunological responses	(£22,971) (1y)
1995-1998	<b>Wellcome Trust Advanced Training Fellowship</b> for Dr Paul J Lehner Cryptic epitopes and selection by cytotoxic T cells	(£161,564) (3y)
1995-1998	<b>Wellcome Trust Project Grant</b> with Dr BP Morgan Influence of cytomegalovirus infection on the expression of complement regulatory molecules by human and rat cells	(£99,299) (3y)
1995-1998	<b>MRC Realising Our Potential Award (ROPA)</b> Restricted T cell receptor usage by cytotoxic T cells in anti-viral and tumor responses	(£116,620) (3y)
1995	<b>HEFC(W) Research Initiative Award for Collaborative Research</b> Development of a transgenic facility, DNA sequencing and peptide sequencing	(£225,000)
	Supplement to above from UWCM/UWCC	(£100,000)
1995-1996	<b>Wellcome Trust Project Grant</b> with Dr MO Labeta Role of the myeloid cell surface receptor to the CD14 in the modulation of human T cell activation and function	(£31,893) (1y)
1995-1999	<b>Arthritis and Rheumatism Council</b> Clinical Lectureship for Dr T Lawson (This post has now been supported by the UHW Trust)	(£160,000) (4y)
1996-1999	<b>Wellcome Trust</b> with Dr G Wilkinson Disruption of PML-associated nuclear bodies by cytomegalovirus infection	(£82,790) (2y)
1996-2002	<b>Wellcome Trust Programme Grant</b> Professor LK Borysiewicz, Professor M Rowe, Dr GWG Wilkinson Evasion of MHC class 1 restricted cytotoxic T cells by human cytomegalovirus and Epstein Barr virus	(£600,000) (5y)
1997-1999	<b>Wellcome Trust Project Grant</b> with Dr MO Labeta	

	Project: CD14 mediated interaction of monocytes with T cells Definition and characterisation of the bacterial lipopolysaccharide dependent and independent mechanisms	(£36,631) (2y)
1997-1999	<b>Wellcome Trust</b> (supplementary grant) with Dr RJ Matthews Additional research expenses associated with his study of the characterisation of the haemopoietic protein tyrosine phosphatase	(£17,246) (2y)
1997-	<b>Wellcome Trust Senior Research Fellowship in Clinical Science</b> for Dr CM Gelder Human T-cell responses to respiratory viral infections	(£618,926) (5y)
1998-2002	<b>Cancer Research Campaign</b> with Dr S Man Cytotoxic T lymphocyte immunity in human papillomavirus associated cervical neoplasia	(£180,000) (3y)
1998-2001	<b>Wellcome Trust Clinical Training Fellowship</b> for Dr OM Williams	(£145,397) (3y)
1998-2001	<b>MRC Clinical Training Fellowship</b> for Dr M Evans	(£101,347) (3y)
1998-2000	<b>Wellcome Trust Project Grant</b> with Professor BP Morgan Interaction of cytomegalovirus with host complement regulators	(£86,000) (2y)
1998	<b>Wellcome Trust</b> with Dr S Man, Dr C Gelder Purchase of Top-count 12 Detector and Harvester	(£ 59,306)
1999-	<b>NHS(England) Research and Development</b> with Dr D Westmoreland and others Evaluation of molecular techniques in prediction and diagnosis of CMV disease in immunocompromised patients	(£443,000) (4y)
1999-	<b>Gatsby Charitable Foundation</b> with AP Smith (Department of Psychology, UWC) Healthcare evaluation and assessment of education in patients with Chronic Fatigue Syndrome	(£228,248) (3y)
2000-	<b>Medical Research Council</b> with Dr S Man Human papillomavirus specific T cell immunity to genital HPV infection and malignancy in a West African population	(£358,923) (3y)
2000-	<b>Medical Research Council Co-operative Group Grant</b> Professor LK Borysiewicz (Lead Applicant) with M Rowe, C Gelder, S Man, G Wilkinson, R Caswell, J Fox Pathogenesis of human persistent virus infection	(£183,214) (3y)
2000-	<b>Medical Research Council</b> with Professor M Rowe The lytic cycle of Epstein-Barr virus: the role of LMP1, a viral oncogene and modulator of antigen processing	(£153,250) (3y)

- 2000- **Joint Infrastructure Fund (Wellcome Trust)**  
Lead Applicant – Professor LK Borysiewicz  
Wales Centre for Biomedical Research  
(grant to build new research institute, animal house and clinical  
research facility at the University Hospital of Wales site)  
(£14,000,000)
- 2000 **HEFC(W) Capital Grant for Research Infrastructure**  
with Professor BP Morgan, DW Thomas and M Owen  
(Provision of infrastructure and equipment) (£3,500,000)
- 2001-2002 **CRC grant**  
with Dr S Man  
Cytotoxic T lymphocyte immunity in human papillomavirus  
associated neoplasia (£14,925) (6mths)

## Higher Degree Students Supervised

### PhDs

- Julian HICKLING                      Awarded 1989                      University of London  
Duration of study: 3 years              Supported by Wellcome Trust  
Title: Studies of varicella zoster virus specific cytotoxic T cells  
Subsequent career: Biotech company in California, USA. Currently Programme leader for  
papillomaviruses at Cantab Pharmaceuticals
- Nicholas J ALP                      Awarded 1992                      University of Cambridge  
Duration of study: 3 years              Supported by Wellcome Trust  
Title: Characterisation of cytotoxic T cell epitopes within human cytomegalovirus immediate  
early proteins  
Subsequent career: Clinical medical student, University of Oxford  
Currently Specialist Registrar in Cardiology, Reading
- Shek GRAHAM                      Awarded 1992                      University of Cambridge  
Duration of study: 4 years              Supported by Wellcome Trust  
Title: An analysis of the human T cell response to picornaviruses  
Subsequent career: Postdoctoral position with Dr PD Minor at NIBSC
- Phillip David MASON              Awarded 1992                      University of London  
Duration of study: 4 years              Supported by Wellcome Trust  
Title: Functional aspects of natural killer cells: role in immunoregulation and relative cytotoxic  
selectivity of NK clones  
Subsequent career: Registrar post in renal medicine, Hammersmith Hospital. Currently  
Consultant in Renal Medicine, John Radcliffe Hospital, Oxford
- Eddie Chung Yern WANG              Awarded 1994                      University of Cambridge  
Duration of study: 4 years              Supported by MRC Training Fellowship  
Title: CD8<sup>+</sup>, CD57<sup>+</sup> lymphocytes – a functional and phenotypic analysis in normal peripheral  
blood  
Subsequent career: Postdoctoral position, Department of Medicine, UWCM, then Bight  
Research Fellow with Dr M Owen at ICRF, London. Present Position Lecturer in Medicine  
UWCM
- Paul LEHNER                      Awarded 1994                      University of Wales  
Duration of study: 3 years              Supported by MRC Clinical Training Fellowship  
Title: CTL recognition of Influenza A  
Subsequent career: Wellcome Trust Advanced Training Fellow with Professor LK  
Borysiewicz (UWCM)/Dr P Cresswell, (Yale University)  
Present Position Wellcome Trust Senior Clinical Fellow and Hon Consultant in Infectious  
Diseases, University of Cambridge

Andrew CARMICHAEL                      Awarded 1994                      University of Cambridge  
Duration of study: 3 years                      Supported by MRC Training Fellowship  
Title: Frequency of HIV specific cytotoxic T lymphocytes  
Subsequent career: Consultant in Infectious Diseases, University of Cambridge

Danuta WRONSKA                      Awarded 1996                      Jagiellonian University, Krakow  
Duration of study: 3 years                      Supported by Smith Kline Beecham  
Title: Analysis of cytotoxic T cell responses to the MHC class 1 homologue (UL18) encoded by human cytomegalovirus  
Subsequent career: Postdoctoral position, Department of Immunology, Houston, Texas  
Currently searching for further postdoctoral positions in USA

Eve Mei-Ling EVANS                      Awarded 1997                      University of Wales  
Duration of study: 4 years                      Supported by MRC Training Fellowship  
Title: Cytotoxic T lymphocyte response to human papillomavirus in cervical cancer patients  
Subsequent career: Specialist Registrar in Clinical Oncology, Velindre Hospital, Cardiff

Amanda Jane PHILLIPS                      Awarded 1998                      University of Wales  
Duration of study: 4 years                      Supported by University of Wales PhD Studentship  
Title: A study of HCMV induced down regulation of cellular proteins: MHC class 1, aminopeptidase in (CD13) and neutral endopeptidase (CD10)  
Subsequent career: Postdoctoral position, University of Wales College of Medicine (with Dr G Wilkinson) Now a Medical Student at the Royal Free School of Medicine, London

Tom LAWSON                      Awarded 1999                      University of Wales  
Duration of study: 4 years                      Supported by ARC Lectureship  
Title: CTL recognition of HPV infected target cells  
Subsequent career: Clinical Lecturer and Specialist Registrar, later Consultant in Rheumatology, University Hospital of Wales

Mererid EVANS                      Awarded 2001                      University of Wales  
Duration of Study: 2 years                      Supported by MRC Clinical Training Fellowship  
Title: The role of human papillomavirus E6 specific cytotoxic T cells  
Subsequent career: Specialist Registrar in Clinical Oncology, Velindre Hospital, Cardiff

Owen Martin WILLIAMS                      Awarded 2002                      University of Wales  
Duration of Study: 2 years                      Supported by Wellcome Trust Clinical Training Fellowship  
Title: Recurrent Laryngeal Papillomatosis

### ***MDs***

Rosalind Louise SMYTH                      Awarded 1993                      University of Cambridge  
Duration of study: 4 years                      Supported by Cystic Fibrosis Research Trust  
Title: Susceptibility to pulmonary infection in heart-lung transplant recipients  
Subsequent career and last known position: Senior Registrar in Paediatric Pulmonary Disease, Alder Hey Hospital, Liverpool  
Currently Professor in Childhood Respiratory Disease, Alder Hay Hospital, University of Liverpool

Alan Andrew HARCUMBE                      Awarded 1994                      University of Edinburgh  
Duration of study: 4 years                      Supported by British Heart Foundation  
Title: Immunological mechanisms in cardiac disease  
Subsequent career: Registrar in Cardiology, Papworth Hospital  
Currently Consultant in Clinical Cardiology, Glasgow

Alison Nina FIANDER                      Awarded 1997                      University of Southampton  
Duration of study: 4 years                      Supported by Welsh Scheme for Social Health and Development  
Title: Immunological responses in cervical neoplasia



Subsequent career: Specialist Registrar in Obstetrics & Gynaecology, Cambridge. Present Position: Consultant and Professor in Obstetrics and Gynaecology, UWCM

Richard EVANS                      Submission 2001                      University of Wales  
Duration of study: 3 years              Supported by MRC and Harvard Fellowship  
Title: Development of artificial thymus  
Subsequent career: Consultant in Infectious Diseases, University Hospital of Wales

Carolina SCHERF                      Awarded 2002                      University of Wales  
Duration of Study: 2 years              Supported by MRC  
Title: Human papillomavirus infection in an unselected rural population in the Gambia

Nicola Lack                              Awarded 2005                      University of Wales  
Duration of Study: 3 years              Supported by MRC Project Grant  
Title: Human Papillomavirus Infection In the Gambia, West Africa  
Subsequent career: Specialist Registrar in Infectious Diseases, Oxford

### **M Phils**

Mercy NIMAKO                      Awarded 1998                      University of Wales  
Duration of study: 2 years              Supported by Department of Medicine Development Fund  
Title: Human papillomavirus specific cytotoxic T cells  
Subsequent career and last known position: Research Assistant, Department of Medicine, UWCM

Jean HOPKINS                      Awarded 1996                      University of Wales  
Duration of study: 2 years              Supported by Smith Kline Beecham  
Title: Human cytomegalovirus glycoprotein B specific immunity  
Subsequent career: Wellcome Prize PhD studentship. Currently undertaking medical studies in New Zealand

Matthew JONES                      Awarded 2000                      University of Wales  
Duration of study: 2 years              Supported by Wellcome Trust  
Title: Varicella zoster specific T cell immunity  
Currently Research Assistant, Department of Medicine, UWCM

### **Examiner for Higher Degrees (examinations since 1997)**

PhD	Katie FLANAGAN	John Radcliffe Hospital, OU	2000
PhD	Stuart HINCHCLIFFE	UWCM	2000
PhD	Marcel JACOBS	Academisch Ziekenhuis, Amsterdam	1999
PhD	NSB THOMAS	UCL Medical School	1999
MD	K Chu-Keong LIM	UWCM	1999
DPhil	David A PRICE	University of Oxford	1999
MD	A LALVANI	University of Oxford	1999
PhD	RK DEONARAIN	University of London	1999
PhD	HJ BONTKES	Academisch Ziekenhuis, Amsterdam	1999
PhD	Alejandra SOLACHE	University of London	1998
PhD	Maaïke RESSING	University of Leiden	1998
MD	SHA ZAIDI	University of Cambridge	1998
MD	Emma AARON	Imperial College	1998
MD	MR EVANS	University of Liverpool	1997
PhD	LJ LATHBURY	University of Western Australia	1997
MD	MR THURSZ	University of London	1997
PhD	MN BADMINTON	UWCM	1997

### **Other External Examinerships held**

- 1994- Examiners for the MRCP Part II examination, Royal College of Physicians, London
- 1994-1998 External examiner for MB at University of Bristol

### **Interests**

Rugby football, cricket, oil painting

Married to Dr Gwenllian S Jones, with two daughters Catherine (b1979) and Rachel (b1982)

Date of Birth: 13 April 1951, Cardiff