

# **CURRICULUM VITAE**

**Dr. RAY ARMSTRONG FRCP**  
**Consultant Rheumatologist**

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# CURRICULUM VITAE

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**Name:** Dr. Ray Armstrong      **Date of birth:** 24<sup>th</sup> November 1949

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SO51 0LS      **E-mail:** rayarmstrong@btinternet.com

**Nationality:** British.

**Marital status:** Married with 6 children.

**Medical Education:** Cambridge University 1968 - 1971  
Guy's Hospital Medical School 1971 - 1974

**Honours and awards:**

- Sims-Black Travelling Scholarship to Rhodesia. Oct. to Dec. 1972
- Winthrop Travelling Award 1981
- Finalist in EASA 98 (European Academic Software Awards 1998)
- Awarded a Certificate of Commendation in the BMA Medical Book Competition in 1998.
- Bronze NHS Clinical Excellence Award – October 2004 – 2014
- Currently Level 6 Clinical Excellence Award points locally.
- NHS Leadership in Health Informatics Award 2004 – see later under Health Informatics
- Hospital Doctor Award for Rheumatology Team of the Year - November 2005 – member of winning team.
- 'Healthcare Champions' Award to Southampton Rheumatology Unit by National Rheumatoid Arthritis Society 2006.
- BSR Best Practice Rheumatology Award (Outstanding category) to Rheumatology Unit 2014.
- Southampton designated a EULAR Centre of Excellence in Rheumatology - 2015

**Membership of Societies:**

British Society for Rheumatology  
Royal College of Physicians of London

**Qualifications:** BA (Cantab. Part II Pathology Course) 1971  
BChir (Cantab.) July 1974  
MA MB (Cantab.) January 1975  
MRCP March 1977  
FRCP April 1992

**Date of Full Registration with GMC:** 9<sup>th</sup> September 1975 (No. 01737220)

**Medical Defence Organisation:** Medical Protection Society (No. 188247)

**Present Appointment:** Consultant Rheumatologist, University Hospital Southampton NHS Foundation Trust. Appointed January 1<sup>st</sup> 1985. Honorary Clinical Senior Lecturer in Rheumatology, University of Southampton (1.4.12). Lead Consultant 1998 – 2014. Working part time since June 2019.

**Previous training:** Various jobs at Guy's and other hospitals in the South East.  
Senior Registrar in Rheumatology in Guy's Rotation.  
August 1979 - December 1984  
Arthritis Research Campaign Research Fellow at Guy's Hospital. October 1980 - September 1981

## **Publications:**

Armstrong RD, Grahame R. Limb oedema and lymphadenopathy in rheumatoid arthritis. *Rheum and Rehab* 1981;20:21-24

Grahame R, Armstrong RD, Simmons NA, Mims CA, Wilton JMA, Laurent R. Isolation of rubella virus from synovial fluid in five cases of seronegative arthritis. *Lancet* 1981;ii:649-651

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Spector R, Armstrong RD, Bradbrook I, Gibson T, Morrison P, Rogers H. Study of repeated administration of fenbufen in patients with chronic rheumatic disorders and renal impairment. *Pharmacology* 1982;25 Suppl. 1:46-50

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Ann Rheum Dis 1982;41:141-146

Crisp AJ, Armstrong RD, Grahame R, Dussek JE. Rheumatoid lung disease, pneumothorax and eosinophilia.  
Ann Rheum Dis 1982;41:137-140

Grahame R, Armstrong RD, Simmons NA, Wilton JMA, Dyson M, Laurent R, Millis R. Mims CA. Chronic arthritis associated with the presence of intra-synovial rubella virus.  
Ann Rheum Dis 1983;42:2-13

Armstrong RD. Rheumatoid arthritis: Diagnosis. Accurate history-taking is invaluable.  
Gen. Pract. 1982;Sept.:17:56-57

Armstrong RD, Panayi GS, Welsh KI. Histocompatibility antigens in psoriasis, psoriatic arthropathy and ankylosing spondylitis.  
Ann Rheum Dis 1983;42:142-146

Armstrong RD, Webber T, Fernandes L. Cutaneous vasculitis complicating cranial arteritis.  
Irish Med Journal 1983;76:~51

Armstrong RD, Faith A, Panayi GS, Batchelor JR. Gold-induced Thrombocytopenia: detection of anti-platelet antibody.  
Clinical Rheumatology 1983;1:183-188

Armstrong RD, Behn A, Panayi GS, Myles A, Welsh K. Histocompatibility antigens in polymyalgia rheumatica and temporal arteritis.  
Journal of Rheumatology 1983;10:659-661

Armstrong RD, Fernandes L, Gibson T, Kauffmann EA. Felty's syndrome presenting without arthritis.  
BMJ 1983;287:1620

Armstrong RD, Panayi GS. Natural killer cell activity in inflammatory joint disease. Clinical Rheumatology 1983;2:243-249

Gibson T, Simmonds HA, Armstrong RD, Fairbanks LD, Rodgers AV. Azapropazone- A treatment for hyperuricaemia and gout?  
Br. J. Rheum 1984;23:44-51

Armstrong RD, Laurent R, Panayi GS. A comparison of indoprofen and indomethacin in the treatment of ankylosing spondylitis.  
Pharmatherapeutica 1984;3:637-641

Armstrong RD, Panayi GS, Welsh KI. Polymyalgia rheumatica and rheumatoid arthritis: similarity of HLA antigen frequencies.  
Arth Rheum 1984;27: 1438-1439

Armstrong RD, Kay A, Gibson T, Horrocks A. Flexor tenosynovitis in rheumatoid arthritis effect of local steroid injections.

Br. J. Rheum 1985;24:225-226

Armstrong RD, Sinclair A, O'Keeffe G, Grahame R. Interferon treatment of chronic rubella-associated arthritis.

Clin Exp Rheum 1985;3:93-94

Armstrong RD, Macfarlane DG, Panayi GS. Ankylosing spondylitis and Klinefelter's syndrome: does the X chromosome modify disease expression?

Br J Rheum 1985;24:277-281

Armstrong RD, MacFarlane DG. Patients who fail to attend.

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Armstrong RD, Horrocks A, Rickman S, Heinrich I, Kay A, Gibson T. Finger flexion function in rheumatoid arthritis: The reliability of eight simple tests.

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BMJ 1988;296:896

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Br J Rheum 1993;32:suppl. 2:142

Cooke NJ, Armstrong RD, Brennan Roper SM, Toynton CJ. Psoriatic arthritis presenting with dyspnoea.

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Armstrong R. Interactive Computer Programs. J. Rheum. 1999;26:Suppl 55:56-57

Deflazacort – An Alternative to Prednisolone. Drug and Therapeutics Bulletin 1999;37:57-58

Armstrong R, Rasker H, Dequeker J. An insight into rheumatology resources available on the World Wide Web (<http://www.ilar.org>)

Rheumatology 1999;38:1028-9

Book Review: 'Practical Points in Rheumatology by Steven Jay Wees. Br J Rheum 1983;22:127

Electronic publication:

Interactive Rheumatology Tutor CD-ROM - Cambridge University Press (ISBN 0521 629144).

Armstrong RD. A.D.A.M. Interactive Anatomy (Version 3). Software review.

Health Informatics Journal 1999;5:170-172

Armstrong RD Multimedia Medicine - Essentials in Gastroenterology I. Software review. Health Informatics Journal 1999;5:172-173

Armstrong R, Rasker JJ. <http://www.ilar.org>. A source of information for rheumatologists, allied health professionals, medical students and the general public. (Leader) Annals of the Rheumatic Diseases 2000;59:241-242

Armstrong R. Fibromyalgia: Is recovery impeded by the internet? Arch Intern Med. 2000;160:1039

Armstrong R. Primal 3D Interactive Series: Hand, Shoulder, Knee, Hip, Foot & Ankle, Spine (Professional Edition). Software review. Rheumatology. 2002;41:1216

Abstract: "History-based Link Annotation for Self-Exploratory Learning in Web-based Hypermedia". Muan Hong Ng, Wendy Hall, Pat Maier Ray Armstrong. 3<sup>rd</sup> Workshop on Adaptive Hypertext and Hypermedia at 12<sup>th</sup> ACM Conference on Hypertext and Hypermedia. Aarhus, Denmark. 14-18 August 2001

Abstract: Muan Hong Ng; Wendy Hall; Pat Maier; Ray Armstrong. Using Effective Reading Speed to Integrate Adaptivity into Web-based Learning. 2nd International Conference on Adaptive Hypermedia and Adaptive Web Based Systems 29-31 May 2002, Malaga, Spain. (Awarded prize for best short paper at conference).

Ng Muan H, Maier PJ, Hall W, Armstrong R. Making Web-based Learning Adaptive. EdMedia 2002. In Barker and Rebelsky, Eds, Proceedings ED-MEDIA 2002, World Conference on Educational Multimedia, Hypermedia and Telecommunication, pp 1436-1441, Denver, Colorado, USA.

Ng MH, Hall W, Maier P, Armstrong R. Using effective reading speed to integrate adaptivity into web-based learning.

Lecture notes in computer science. (online May 23, 2002)

(<http://link.springer.de/link/service/series/0558/bibs/2347/23470428.htm>)

Ng MH, Armstrong R, Hall W, Maier P. JointZone: An Adaptive Web-based Learning Application.

Southampton University..(<http://www.bib.ecs.soton.ac.uk/records/7476>)

Ng MH, Hall W, Maier P, Armstrong R. The application and evaluation of adaptive hypermedia in Web-based medical education. Alt-J (Association for Learning Technology Journal) 2002;10:19-40

Poster: Hassan AAI, Galaraga B, Jordan K, Armstrong R. Safety of leflunomide in rheumatoid arthritis: from clinical trials to clinical practice. British Society for Rheumatology Annual General Meeting, Manchester 1-4 April, 2003

Adaptive Rheumatology – Learning on the Web. Ng Muan Hong, Armstrong R, Maier P, Hall W. Biomedical Informatics Today (Newsletter of the British Medical Informatics Society) Spring Edition. 2003 No 38 p 4.

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Grimble R.F., Childs C.E., Browning L., Miles E., Gill-Garrison R., Slater J., Armstrong R., Calder P.C. Howell W.M. Paradoxical effects of vitamin E supplementation on lipid peroxides and cytokine production in rheumatoid arthritis. *Clin Nutr* 2004; 23: 821 (Abstract)

Maier P, Armstrong R, Hall W. Jointzone: Users' views of an adaptive online learning resource for Rheumatology. *Learning, Media and Technology*, Vol. 30, No. 3, October 2005, pp. 281–297

Armstrong R, Hales A. Towards An Electronic Patient Record - The Southampton HICSS Rheumatology Application. British Society for Rheumatology AGM, Glasgow 4 May 2006 (Abstract)

Huggett M, Armstrong R. Adalimumab-associated pulmonary fibrosis. *Rheumatology* 2006 45;1312-3

Thomas CW, Bisset AJ, Sampson MA, Armstrong RD. Case report: Multicentric carpal/tarsal osteolysis: imaging review and 25-year follow-up. *Clin Radiol*. 2006 Oct;61(10):892-5.

Armstrong Ray. Beating information overload. *Rheumatology in Practice* 2008 6;4:11-12

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Hassan B et al. Genotype at the sIL-6R A358C polymorphism does not influence response to anti-TNF therapy in patients with rheumatoid arthritis. *Rheumatology*. 2010 Jan;49(1):43-7. Epub 2009 Nov 19 (Collaborator)

Mukherjee S, Armstrong R. Patient Management: Mixed Connective Tissue Disease. *Foundation Year Journal*. 2012;6: Issue 2: 5-8

Fisher BA et al. Heterogeneity of Anticitrullinated Peptide Antibodies and Response to Anti-Tumor Necrosis Factor Agents in Rheumatoid Arthritis. *J Rheum*. 2012 May;39(5):929-932.

Eyre S et al. High-density genetic mapping identifies new susceptibility loci for rheumatoid arthritis. *Nat Genet*. 2012 Dec;44(12):1336-40. doi: 10.1038/ng.2462.

Nicolaou M, Armstrong R, Hassell AB, Walker D, Birrell F. Musculoskeletal health professional use of internet resources for personal and patient education: results from an online national survey. *Open Rheumatol J*. 2012;6:190-8. doi: 10.2174/1874312901206010190. Epub 2012

Lowe W, Ballinger C, Protheroe J, Lueddeke J, Nutbeam D, Armstrong R, Falzon L, Edwards C, Russell C, McCaffery K, Adams, J. Effectiveness of Musculoskeletal Education Interventions in People With Low Literacy Levels: A Systematic Review. *Arthritis Care & Res*. 2013;65:1976-1985

Matthews RJ et al. Evidence of NLRP3-inflammasome activation in rheumatoid arthritis (RA); genetic variants within the NLRP3-inflammasome complex in relation to susceptibility to RA and response to anti-TNF treatment. *Ann Rheum Dis* 2014 Jun;73(6):1202-10 (Collaborator)

Marks J, Holroyd C, Dimitrov D, Armstrong R, Calogeras A, Cooper C, Davidson B, Dennison E, Harvey N, Edwards C. Does combined clinical and ultrasound assessment allow selection of individuals with rheumatoid arthritis for sustained reduction of anti-TNF therapy? *Arthritis Care and Research*. 2015 Jan 20. doi: 10.1002/acr.22552. [Epub ahead of print]

Sammut L, Fox C, Armstrong R. Patient Management: Mixed Connective Tissue Disease. *Foundation Year Journal*. 2015;9: Issue 10: 26-31

Yeoh S, Edwards M, Sampson M, Armstrong R, **Wallis D**. An unusual case of neck pain: Calcium pyrophosphate deposition disease of the atlanto-axial joint. Poster at BSR Annual Conference, April 2016. Selected for poster tour. *Rheumatology*, Volume 55, Issue suppl\_1, 1 April 2016, Pages i71

Fong W, Holroyd C, Davidson B, Armstrong R, Harvey N, Dennison E, Cooper C, Edwards C. The effectiveness of a real life dose reduction strategy for TNF inhibitors in ankylosing spondylitis and psoriatic arthritis. *Rheumatology (Oxford)*. 2016 Oct;55(10):1837-42

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Switching to biosimilar infliximab: Real world data from Southampton Biological Therapies Service. Holroyd C, Parker L, Bennett S, Zarroug J, Underhill C, Davidson B, Armstrong R, Harvey N, Dennison E, Cooper C. *BSR abstract 2016*.

T Nadin, D Wallis, C Holroyd, P Clayton, R Armstrong, C Cooper, B Davidson, N Harvey, E Dennison, R Seth, KE Walker-Bone, CJ Edwards. High levels of employment but persisting work place impairment in patients with axial spondyloarthritis on biologic therapy. *EULAR 2017 (poster)*. *Ann Rheum Dis* 2017; 76, (Suppl2): 933

Jo Adams, Wendy Lowe, Joanne Protheroe, Jill Lueddeke, Ray Armstrong, Cynthia Russell, Don Nutbeam & Claire Ballinger. Self-management of a musculoskeletal condition for people from harder to reach groups: a qualitative patient interview study. *Disability and Rehabilitation*, DOI: 10.1080/09638288.2018.1485182. 3 June 2018

### **Refereeing:**

I have refereed numerous papers for the *British Journal of Rheumatology/Rheumatology*, *Annals of the Rheumatic Diseases*, *Clinical Science* and *Spinal Cord*.

I was a member of the editorial board of *Clinical Rheumatology* from 2002 until 2007.

### **Audit and Peer Review:**

I have participated in three region-wide audits of rheumatological workload in Wessex and also

participate in regular departmental audit activities.

I led the inaugural peer review visit of the Wessex scheme to another unit in Wessex in early 2001 and have participated in regular departmental audits since then.

**Teaching:**

I have been actively involved in teaching at both undergraduate and postgraduate level since taking up my appointment. This has involved a regular teaching commitment for third year medical students and in the past I have also undertaken supervision of 4th year students while they pursued a 'study in depth'. I have been a tutor for 2<sup>nd</sup> and 3rd year students on their Foundation Course. I have also contributed to MRCP courses and mock MRCP examinations. From 1999 to autumn 2002 I had responsibility for running the Part 1 MRCP Course at Southampton General Hospital.

I welcome opportunities to talk to General Practitioner colleagues and have in the past contributed to Genscan talks on a regular basis. I have also spoken in the past on the Advanced Medicine Course at the Royal South Hants Hospital.

For 2 years I supervised a Syrian trainee rheumatologist until 1996 when she obtained a Visiting Registrar post in Portsmouth. She has gone on to secure an Associate Specialist and then Consultant post in the Region.

I organised, with the help of members of the Primary Care Society for Rheumatology, a successful PCR symposium at Southampton University in April 1991.

With colleagues I have negotiated the introduction of some additional rheumatology teaching in the undergraduate curriculum, in the 4<sup>th</sup> year Orthopaedic teaching module. This began in September 2001.

I arranging and hosted a Musculoskeletal Educators' conference for Arthritis Research UK in June 2011.

**Management/Administration:**

I was responsible for organising the Departmental managerial meetings for our Speciality in Southampton from 1986 until 1990. In the past I was a member of the Ambulance Liaison Committee and also the Medical Staffing subcommittee.

For 5 years I was a member of the Selection Sub-Committee of the Faculty of Medicine and still participate in interviewing applicants for the medical school. In 1997 I sat as a member of the working party which investigated the introduction of computer-based learning to Southampton Medical School.

I was Lead Consultant for Rheumatology in Southampton from 1998 - 2014.

In 1995 I approached the Board of Health in Guernsey about establishing a visiting Rheumatology service. (There is no Rheumatologist on the Island). Since 1997 I have provided regular monthly clinics on the Island under an NHS contract with my Trust.

From October 1998 I was Secretary of the Wessex Specialist Training Committee in Rheumatology and also the Wessex Clinical Services Committee for Rheumatology. I was chairman from April 2002 until April 2005. From April 2002 to May 2005 I was regional Specialty Adviser for Rheumatology for Wessex.

I was a member of the British Society for Rheumatology website steering group.

I was a member of the International League of Associations for Rheumatology (ILAR) Executive and was responsible for administration of the ILAR website. (The website was favourably reviewed in the Lancet. (Rheumatology moves online for Joint Motion 2000-2010. Lancet 1999;353:1368). The original website is no longer available due to a reconfiguration of the organisation which is now run under the aegis of the American College of Rheumatology.

From early 2002 until 2005 I was co-chair of the Content Committee of MSeC (musculoskeletal E-Cooperative), a mainly European confederation of Rheumatology and Orthopaedic Society websites working under the auspices of the international Bone and Joint Decade project.

For several years I have been a Trustee of Southampton Rheumatology Trust, a local charity that exists to support research into rheumatic diseases as well as providing support for education for allied health professionals and material support for rheumatic disease sufferers.

From October 2002 until 2005 – member of Medical and Elderly Care Directorate R&D peer review committee.

From May 2004 – a member of the Publications Working Group of the Educational Subcommittee of the Arthritis Research Campaign (now Arthritis Research UK), and Convenor of the Group from 2005. Since 2009, Chair of the Secondary Care, Medical Undergraduate and Allied Health professionals Publications Working Group. Latterly, I have been Vice-Chair of the Publications Committee.

From March 2007 – invited by the new Medical Director of the Arthritis Research Campaign to sit on the Education Strategy Committee following an internal reorganisation of the **arc**'s committee structure. (Now Arthritis Research UK).

May 2006 - 2009 – voted on to the Council of the British Society for Rheumatology for a 3 year term. Appointed to the Education and Training Committee of the BSR.

2018 – Member of British Society for Rheumatology Clinical Excellence Higher Awards Subcommittee.

### **Other work experience:**

Visiting Professor of Rheumatology, Al Mouwasat Hospital, Dammam, Saudi Arabia – 28<sup>th</sup> January 2000 to 10<sup>th</sup> February 2000. (Conducting clinics and lecturing).

### **Medicolegal and other work:**

For than 25 years I have regularly prepared medicolegal reports on various subjects, mainly relating to personal injury, occupational musculoskeletal disorders, soft tissue rheumatism and

fibromyalgia, inflammatory rheumatic disorders and clinical negligence. I am asked to prepare reports by solicitors working on behalf of the plaintiff and the defendant in a ratio of approximately 60:40. There are also a number of Joint Instructions. I undertake medical negligence reporting and I have also participated in an Independent Review at a Teaching Hospital in London. I am a member of the UK Register of Expert Witnesses and a member of The Faculty of Expert Witnesses for Doctors. I have attended a course on medicolegal work conducted by the British Society for Rheumatology and attend update courses on medicolegal practice on a regular basis.

22 August 2012 – Gave an invited talk to the Jersey Personal Injury Medico Legal Society (JPIMS) on “Railway spine and other related conditions including fibromyalgia”.

21 November 2012 – Attended a SpecialistInfo Medical Negligence Course at 218 Strand, London

7 November 2014 onwards – Annual Bond Solon Expert Witness Conference in London.

I confirm that I act in accordance with the guidance “Acting as an expert or professional witness – Guidance for healthcare professionals”, which is endorsed by the Royal College of Physicians of London and is consistent to the standards and guidance of the General Medical Council.

### **Other Activities**

For many years, until 2007, I was President of the Romsey branch of Arthritis Care and in addition to having given talks, regularly chaired the AGM of the branch.

### **Examining**

- Finals examiner at Southampton Medical School.
- External Examiner for the Bath Postgraduate Diploma in Primary Care Rheumatology (2008 – 2010)

### **RESEARCH**

- A. Co-applicant on a grant awarded in November 2002 by the BBSRC (Biotechnology and Biological Sciences Research Council). The Study headed by Prof R Grimble of Southampton University is on “Genomic effects on the interaction of cytokines, oxidant stress and antioxidant defences” (Grant value Approx £222k).
- B. Co-applicant on a grant awarded in June 2011 by Arthritis Research UK for 24 months for a project entitled “A systematic and qualitative review of the extent to which arthritis patient education interventions are accessible and relevant for people with lower-literacy levels”. (grant value £113,603.00)
- C. Computer-assisted learning:

I have a particular interest in the application of computer technology to teaching and learning in Rheumatology.

I authored an interactive multimedia CD-ROM about Rheumatology which was published by Cambridge University Press in 1997. (I was also responsible for the programming of this publication). I have spoken at international meetings about this subject. This software

application reached the finals of EASA 98 (European Academic Software Awards 1998) and also was awarded a Certificate of Commendation in the BMA Medical Book Competition in 1998. The CD-ROM has received favourable reviews in a number of publications. For instance:

1. Lahita R. Rheumatology on a disk. *Lancet* 1998;352:827
2. Rahman P. Interactive Rheumatology Tutor CD-ROM. *J. Rheum* 1998;25:10
3. Pickering M, Davies K. Interactive Rheumatology Tutor (CD ROM) *J Royal Coll Phys Lond* 1999;33:90-91
4. Moens HJB. Two interactive rheumatology tutors on CD ROM. *Ann Rheum Dis* 2000;59:328-329

I have reviewed a number of computer-assisted learning packages for the CTI Medicine Update publication. (CTI = the Computers in Teaching Initiative Centre for Medicine).

With colleagues in the Faculty of Electronics and Computer Science at the University of Southampton I was awarded an Educational Project Grant by the **arc** (Arthritis Research Campaign, Arthritis Research UK since 2010) in 1999 to create an interactive educational website about rheumatology primarily for medical students. This project was completed early in 2002 and the site is now live at [www.jointzone.org.uk](http://www.jointzone.org.uk). The site was adopted by Arthritis Research UK and continues to be supported by them with a grant for development and updating.

I have spoken at national and international meetings about computer-assisted learning and use of the internet in relation to rheumatology:

1. Interactive Computer Programs. - ILAR Post-Congress Educational Workshop, June 1997, Singapore.
2. Education and the Internet – EULAR 99, Glasgow, Scotland, June 1999
3. Rheumatology and the Web – III AFLAR Congress, Cape Town, South Africa, September 1999.
4. Education Workshop. Teaching Methods: new technology. 9<sup>th</sup> APLAR Congress of Rheumatology, Beijing, May 2000.
5. ARC Teaching Workshop, Newcastle UK, March 2001.
6. Education Workshop at the 20<sup>th</sup> ILAR Congress of Rheumatology in August 2001 in Edmonton, Alberta, Canada. (“Interactive rheumatology tuition on the web: adaptive learning in action”) I also gave a talk entitled on “e-rheumatology – more than a passing fad?” and chaired a Workshop on ‘The Internet and Rheumatology’.
7. An invited talk on “Computer-assisted learning in rheumatology” at a meeting on ‘Computers in Rheumatology’ at the Royal Society of Medicine. October 10, 2001
8. A talk entitled " The Good, Bad and Ugly - Healthcare Information on the Internet" at a meeting held by Doctors.Net and Pharmaceutical Marketing at the Queen Elizabeth II Conference Centre, London. 22 November 2001.
9. Appropriate And Effective Use Of The Internet And Databases. A workshop presentation at PANLAR 2002, Aruba, 23-27 June 2002.
10. A talk on “Looking for information – I wouldn’t start from here” at the BSR Core Course for Rheumatology, Southampton. 3 October 2002.
11. A talk on ‘Effective Presentations and Computer-assisted learning’ at a post-Congress Bone & Joint Decade Educational Workshop in Pattaya, Thailand after the APLAR 2002 Congress 6 -8 December 2002.
12. A talk on “Rheumatology on the Web vis-à-vis ePortal Systems” at the Indian Rheumatology Association annual conference in New Delhi 28-30 November 2003.

From November 2002 I was a member of the Electronic Media sub-group of the Publications Working Group of the Arthritis Research Campaign (arc), and in 2004 I was invited to join the Publications Working Group.

February 2006 – member of the Royal College of Physicians of London Working Party on Acute Medicine Online.

November 2010 – Appointed to steering committee for an Arthritis Research UK national clinical trial in RA (ORBIT study).

Co-organiser of Musculoskeletal Educators Conference - 23–25 June 2011, Chilworth Manor, Southampton

Independent member of the steering committee of the recently funded study:

Optimal treatment of RA patients requiring Biologic therapy (ORBIT) – Arthritis Research UK – November 2010 onwards

## **INFORMATICS AND EVIDENCE-BASED PRACTICE**

### **NHS Evidence (Formerly National Library for Health)**

- Until March 2011, Clinical Lead for Musculoskeletal and Orthopaedics & Trauma Specialist Collections of NHS Evidence, having previously worked in a similar roles the NHS National (Electronic) Library for Health since 2001
- From January 2005 to May 2007 I was also seconded for an additional day each week to development of the NLH by the NHS Director of Knowledge, Process and Safety, Sir Muir Gray in the capacity of Clinical Lead for the Specialist Libraries.
- From December 2007 until December 2017 I have been a member of the NICE Technology Appraisal Committee (Committee B)
- 2010 – Member of Topic Specific Advisory Group for development of NICE Commissioning Guide on use of biologic drugs

**NHS Leadership in Health Informatics Accolade Scheme 2004 – Winner.** This award was made at HC 2005 (Health Computing annual conference) and was for a submission about the development of the HICSS (Hospital Integrated Clinical Support System) rheumatology module, an electronic record with novel features which we have developed in Southampton. I gave an invited presentation at the Annual Conference and AGM of ASSIST (Association for ICT Professionals in Health and Social Care) at Aston University, Birmingham on 19 May 2005 – “Harnessing IT for Communication and Patient Safety”.

### **UKCHIP (UK Council for Health Informatics Professions)**

Elected to Council in June 2007 for a 3 year period from October 2007. Appointed as a member of the Education, Training & Professional Development Working Group

