

CURRICULUM VITAE - SHORT VERSION

Andrew Justin Stewart Coats, M.A (Oxon) M.B. B. Chir. (Cantab.) D.M. (Oxon.), D.Sc. (London), FRACP, FRCP, FESC, FACC, FAHA, FCSANZ, MBA (London Business School), GAICD

Personal Details

Nationality: British/Australian Dual National
 Marital Status: Married (Dr. Susan J. Clark), 3 Children

Work Address: Deputy Vice-Chancellor (External Relations)
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Academic Record

Universities Attended

St. Catherine's College, Oxford, U.K. (1976-79)
 Clare College, and Addenbrooke's Hospital, Cambridge, U.K. (1979-81)
 London Business School, London, UK (1999-2001)

Selected Distinctions

1975: Academic Head of School (Prox. Acc.), Melbourne Grammar School, third in the state of Victoria
 1979: Rose Prize (Top of Biological Sciences), St. Catherine's College, Oxford.
 1981: College Prize, Clare College, Cambridge (Top of year)
 1981: Top of University of Cambridge Medical School
 1998: Linacre Medal, Royal College of Physicians of London
 1999: Michael L Pollock Award (inaugural award), American Heart Association
 2006: Silver Service Medal, American Heart Association

Research

My major research interests are:

- 1) Clinical integrated pathophysiological and treatment studies of heart failure.
- 2) The Epidemiology of Hypertension using Ambulatory Blood Pressure Monitoring.
- 3) Integrated Human Cardiovascular Physiology
- 4) Organizational Behaviour and Change
- 5) Research Governance

I have published in excess of 1200 publications (including 2 theses, 15 Government reports, 10 text books, 2 Cochrane reviews, 30 Chapters, over 460 peer-reviewed full papers, 37 peer-reviewed letters, 57 invited papers and more than 650 published abstracts). I have more than 18,000 career citations and more than 30 media interviews, documentaries or individual articles published or broadcast.

Selected Publications by type: (full listing by publication type available on request)

Theses:

1. "Doppler Aortic Velocimetry and the Assessment of Cardiac Function in Chronic Heart Failure." D.M. (Oxon), 1992
2. "The systemic pathophysiology of human chronic heart failure" D.Sc. (London) 2004

Selected Government Reports (total 15)

1. Mapping Cardiovascular Research in the London Region, Working Party lead, 100 page report commissioned by the NHS Executive, 2002, lead author
2. Health Informatics Workforce Capacity Building National Statement, 2004, Chairman, AHIC
3. Coats AJS, "National Health IM+ICT Strategic Plan, 2004"
4. Report from the National Health Information Summit, 2005, Co-Chair
5. Medical Students Outcomes Database Project, Stage 1 report, 2005, Chairman.
6. Coats AJS. "Health Information Management And Information Communications Technology – Achievements in 2004-5", Publication Approval Number 3733, Commonwealth of Australia 2005 ISBN 0 642 85772 9 (47 pages)

Selected Textbooks (total 10)

1. *British Association for Cardiac Rehabilitation Guidelines for Cardiac Rehabilitation.* (1995) Eds. Coats AJS, McGee H, Stokes H, and Thompson D. Blackwell Scientific Publications, Oxford. ISBN 0-632-03934-5
2. *Blood Pressure Measurement.* Recommendations of the British Hypertension Society. Third Edition (1997) Eds. Petrie JC, O'Brien ET, Littler WA, de Swiet M, Padfield PL, Coats A, and Mee F. BMJ Publishing Group, London. ISBN 0-7279-1153-8
3. *Heart Failure: Scientific Principles and Clinical Practice.* (1997) Ed. Poole-Wilson PA, Chatterjee K, Colucci W, Massie B Coats AJS. Churchill-Livingstone, New York; ISBN: 0-443-07501-8
4. *European Manual of Internal Medicine* (2002) Ed.s Hofman GG, Coats AJS, Niebauer J, Sciba PC, Class NM, Huber W, Duursma SA, Dührsen W, Heimpel H, Vermorken JB, Rowett LH, and Roussos C. Urban and Fischer, München. ISBN: 3-347-22400-3

Research Papers: (Top 10, by citations, each cited at least 200 times; total papers = 465 as at May 2008)

1. Packer M, Coats AJS, Fowler MB, Katus HA, Krum H, Mohacsi P, Rouleau JL, Tendera M, Castaigne A, Roecker EB, Schultz MK, Staiger C, Curtin EL, DeMets DL, for the Carvedilol Prospective Randomized Cumulative Survival Study Group Effect of Carvedilol on Survival in Severe Chronic Heart Failure *New Engl J Med* 2001;344:1651-1658
2. Coats AJS, Adamopoulos S, Radaelli A, McCance AJ, Meyer TE, Bernardi L, Solda PL, Davey P, Ormerod O, Forfar C, Conway J, Sleight P. (1992) "Controlled trial of physical training in chronic heart failure: exercise performance, hemodynamics, ventilation and autonomic function." *Circulation*; 85: 2119-2131
3. Cowie MR, Struthers AD, Wood DA, Coats AJ, Thompson SG, Poole-Wilson PA, Sutton GC. Value of natriuretic peptides in assessment of patients with possible new heart failure in primary care. *Lancet* 1997;350:1349-1353.
4. Anker SD, Chua TP, Ponikowski P, Harrington D, Swan JW, Kox WJ, Poole-Wilson PA, Coats AJ. Hormonal changes and catabolic/anabolic imbalance in chronic heart failure and their importance for cardiac cachexia. *Circulation* 1997;96:526-534.
5. Anker SD, Ponikowski P, Varney S, Chua TP, Clark AL, Webb-Peploe KM, Harrington D, Kox WJ, Poole-Wilson PA, Coats AJS. Wasting as independent risk factor for mortality in chronic heart failure. *Lancet* 1997;349:1050-1053.
6. Coats AJS, Adamopoulos S, Meyer TE, Conway J and Sleight P. (1990) "Effects of physical training in chronic heart failure." *Lancet*; 335: 63-66
7. Niebauer J, Volk H-D, Kemp M, Dominguez M, Schumann RR, Rauchhaus M, Poole-Wilson PA, Coats AJS, Anker SD. "Endotoxin and immune activation in chronic heart failure: a prospective cohort study." *Lancet* 1999; 353: 1838-1842

8. Cowie MR; Wood DA; Coats AJ; Thompson SG; Poole-Wilson PA; Suresh V; Sutton GC Incidence and aetiology of heart failure; a population-based study *Eur Heart J* 1999 **20**:421-8
9. Mathias Rauchhaus, Wolfram Doehner, Darrel P. Francis, Constantinos Davos, Michael Kemp, Christa Liebenthal, Josef Niebauer, James Hooper, Hans-Dieter Volk, Andrew J. S. Coats, and Stefan D. Anker. Plasma Cytokine Parameters and Mortality in Patients With Chronic Heart Failure. *Circulation* 2000, 102: 3060-3067.
10. Adamopoulos S, Coats AJS, Brunotte F, Arnolda L, Meyer T, Thompson CH, Dunn JF, Stratton J, Kemp G, Radda GK and Rajagopalan B. (1993) "Physical training improves skeletal muscle metabolism in patients with chronic heart failure." *J. Am. Coll. Cardiol*; 21: 1101-1106

Editorial Activities

International Journal of Cardiology, Editor-in-Chief, 1999-date

22 other editorial board memberships between 1986 and 2006

Selected Prestigious/Named Lectures to Learned Societies (total 35):

1. **National Heart Foundation Lecturer**, Cardiac Society of Australia and New Zealand, Aug 1995
2. **Lectura Magistrale**, XVIIIth Italian Convention of Cardiology of the Elderly, Ancona, Italy, Sept. 1995
3. **Linacre Lecture**, Royal College of Physicians, London, November 13 1998, "The Cause of Symptoms and Exercise Intolerance in Chronic Heart Failure."
4. **Inaugural Michael L Pollock Memorial Lecture**, American Heart Association Annual Scientific Meeting, Atlanta, November 1999. Title: "From Molecules to Muscles, Exercise In Heart Failure – State of the Art"
5. **Takeda Prize Lecture**, 51st Annual Meeting of the Japanese College of Cardiology, Sept 2003
6. **Solvay Prize Lecturer**, European Society of Cardiology, Sept 2003
7. **Principal Scientific Lecturer**, Malaysian Society of Hypertension, Kuala Lumpur, Jan 2006
8. **International Achievement Award Lecture**, National Cardiac Center, Taiwan, Dec 2006
9. **Inaugural State of the Art Prize Lecturer International Society of Cardiomyopathy and Heart Failure**, March 2007

Intellectual Property Commercialization

14 Patents awarded and subsequently licensed or sold

(Income to date in excess \$2Million, plus one spin-off UK-Based biotechnology spin-off company, Myotec).

Founder and Director, Myotec Therapeutics Ltd (established on 17 November 2006 in England and Wales, number 06001442).

Non-Executive Board Appointments

1. Chairman and Founder, AJS Coats Limited, Property and publishing company, 1998-date
2. British Society of Heart Failure: 2000-2003
3. Menzies School of Health Research, Darwin, Australia, 2002-2004
4. Woolcock Institute of Medical Research: 2003-6
5. ANZAC Research Institute: 2003-6
6. Heart Research Institute, Australia, 2003-6
7. George Institute of International Health, 2004-date
8. Centenary Institute, 2004-7

9. Sydney Cancer Centre Foundation, 2005-date
10. Director, US Foundation Program Pty Ltd (ACN 084 721 782), 2006-7
11. Director and Founder, Myotec Ltd, UK-based Biotech Company, 2006-date

Service on Government Committees and Authorities

1. US Food and Drugs Administration (FDA) Special Advisory Panel for Antihypertensive Drug Development, Division of Cardio-Renal Drug Products, Department of Health and Human Services, Public Health Service, Food and Drug Administration, Bethesda, Maryland, USA; 1991/2
2. Working Party Leader, NHS Executive, London Region, Cardiovascular Research Excellence Mapping Project 1999-2002,
3. Chair, Ministerial Advisory Council on Medical and Health Research, New South Wales, Australia 2003-6
4. Co-chair, Expert Steering Committee, Ministerial Review of Biocentre Strategy, NSW, 2003-4
5. Chair, Australian Health Informatics Council (Peak National Body) 2003-6
6. Australian Health Ministers Conference: Member, National Health Information Group (peak inter-governmental Health IT management group), 2003-6
7. Department of Education Science and Technology, Expert Panel, Assessing Quantitative Research Performance Indicators, 2005
8. Australian Health Ministers Conference: Member, HealthConnect (Intergovernmental Health IT initiative) National Implementation Steering Committee, 2005-6
9. Chair, HealthConnect Implementation Advisory Group, 2005-6
10. Australian Medical Council, Policy Standing Committee, 2006-date

Service on External Expert Reviews

1. Review of Commercialization Strategy, Ukraina Company, Kiev, Ukraine, April 2000
2. South African Post Office, Communications Strategy Audit, September 2000,
3. National Health Service, London Region, Research Governance review, Subject Leader, 2001-2
4. Strategic Review, Faculty of Medicine Major US University (name withheld), July-August 2002
5. Australian Medical Council, Accreditation Review, Flinders University, June 2004
6. External Reviewer, CSIRO-e-Health Division Strategic review, Oct 2004
7. Chair, Australian Medical Council Review, Royal Australasian College of Medical Administrators, 2008

External Research Grant Income

- Peer-reviewed and competitive government grants: Total Income raised as an individual or team research leader in excess UK£6.5Million (Au\$15Million)
- Commercial Research Income: Individually or as research team leader: Total Income in excess UK£4.8Million (Au\$10.5Million)

Interests and Activities

Debating: School captain of debating, Oxford Union Society

Languages: German

Walking, Philately, Rare Books