

Personal information form for Fellow members of EAMBES

Personal Info



Name: Dr Ewart Carson

Gender: Male

Date and place of birth: 11.08.43 Liverpool, UK

Present affiliations and functions:

Emeritus Professor of Systems Science

Centre for Health Informatics

City University London

Present e-mail address: e.r.carson@city.ac.uk

Short CV

Academic qualifications:

1990 DSc, City University London, Measurement and Information in Medicine

1975 PhD, City University London, Systems Science

1968 MSc, City University London, Instrument and Control Engineering

1965 BSc (II), University of St Andrews, Electrical Engineering

Professional affiliations

2008-2009 Visiting Professor of Systems Science, City University London

1984-2007 Professor of Systems Science, City University London

1983-2003 Director, Centre for Measurement and Information in Medicine, City University London

1993-1999 Director, Institute of Health Sciences, City University London

1990-1998 Visiting Professor in Medical Informatics, United Medical and Dental School of Guy's and St. Thomas' Hospitals, University of London

Current major activities at the national and international level:

Vice Chairman, IFAC Technical Committee on Biological and Medical Systems (2002-)

Technical Advisory Panel Member, Professional Network in Healthcare Technologies, Institution of Engineering and Technology (IET) (2008 -)

Expert Reviewer – European Commission – FP7 ICT for Health (2009 - 2014)

External Advisor – Open University Postgraduate Technologies Programme (2007 - 2012)

Expert Reviewer – National Research Councils (Australia, Denmark, Italy)

External Advisor – University of Malaya (2008 – 2014)

Associate Editor – Computer Methods and Programs in Biomedicine

Previous major activities at the national and international level:

Chairman, International Federation of Automatic Control (IFAC) Co-ordinating Committee on Bio- and Ecological Systems (2002-2008)

Member of the IFAC Technical Board (2002-2008)

Executive Team Member (Chairman 2000-2002) Professional Network in Healthcare Technologies, Institution of Engineering and Technology (IET) (2000-2008)

Member of Council, Institute of Measurement and Control (2001-2004)

Chairman, IFAC Technical Committee on Biomedical Modelling and Control (1996-2002)

Chairman, International Measurement Confederation (IMEKO) Technical Committee on Measurement in Medicine and Biology (1985-1994)

Executive Committee Member, British Medical Informatics Society (1988-1999)

Major scientific interests:

Modelling in physiology and medicine – development of systemic modelling methodologies with particular emphasis on model validation

Modelling methodology for health resource management

Clinical decision support systems – development and evaluation of model-based decision support systems

Healthcare technologies – Development of evaluation methodologies with particular application in telemedicine

Integrated policy modelling for ICT enhanced public healthcare

Postgraduate education (Development of the first Masters programmes in Europe in Medical/health informatics and Healthcare technologies)

Publications:

14 authored and edited books and over 300 journal papers and chapters

Professional qualifications:

Chartered Engineer

Fellow of the Institution of Engineering and Technology (UK)

Fellow of the UK Health Informatics Society

Fellow of the Institute of Electrical and Electronic Engineers

Recognitions:

Honorary Member of the Royal College of Physicians (London)

Honeywell International Medal and Callendar Medal, Institute of Measurement and Control (Scientific achievements in measurement in medicine)

J.E. Purkyne Society of Medicine (Czech Republic) – award for contributions to medical science

Fellow of the American Institute of Medical and Biological Engineers

Fellow of the International Academy of Medical and Biological Engineering

IMEKO Distinguished Service Award – Medical applications of measurement science

IFAC Distinguished Service Award – Medical applications of control science

IEEE Engineering in Medicine and Biology - Career Achievement Award 2005
