



For immediate release: 4/3/08

New Expertise Strengthens RSE Fellowship

Following in the footsteps of distinguished predecessors such as Sir Walter Scott, Charles Darwin and Einstein, over sixty experts have been elected Fellows of The Royal Society of Edinburgh (RSE). New Honorary Fellows include international statesman, HRH Prince El Hassan bin Talal and Professor Robin Hochstrasser, a pioneer in the innovative use of lasers. The RSE's Fellowship is further strengthened by the election of overseas-based experts including Distinguished Professor of Mathematics, Dusa McDuff and Professor Ian Wilson, a leading expert on HIV-1 and flu viruses. It is through the time and expertise of its broad Fellowship, provided on a voluntary basis, that the RSE can offer wide-ranging public benefit activities. Sir Fred Goodwin, Chief Executive, Royal Bank of Scotland Group plc, John Baxter, Group Head of Engineering at BP and Jim McColl of Clyde Blowers are amongst the new cohort of Fellows from business and industry. Fellows from the Arts and Humanities include John Leighton and Michael Clarke from the The National Galleries of Scotland and the historian Hamish Scott. Fellows from a broad range of the life and physical sciences are also represented including Helen Sang, who is developing transgenic technologies at the Roslin Institute, and Sheila Rowan at the University of Glasgow, a leader in the detection and observation of Gravitational Waves from astrophysical sources. Fellows are elected in recognition of outstanding achievement in their fields and contribution to public service.

President of The Royal Society of Edinburgh, Sir Michael Atiyah, OM, FRS, PRSE, HonFREng, HonFMedSci, Hon FFA said:

I am delighted to be able to welcome this outstanding cohort of new Fellows to the Society. Conferring the accolade of Fellowship on individuals recognised as amongst the best minds in Scotland and around the world, is the beginning, not the end, of the Society's purpose. The collective expertise and experience of the Fellowship enables the RSE to uphold its Royal Charter of 1783 for the "advancement of learning and useful knowledge" and deliver meaningful, public-benefit activities today.

Full List of New Fellows follows:

HONORARY FELLOWS

EL HASSAN, HRH Prince Bin Talal.

HOCHSTRASSER, Robin Main. Donner Professor of Physical Sciences, University of Pennsylvania.

RAVEN, Peter. President, Missouri Botanical Garden.

STODDART, James Fraser, KB, FRS, FRSC. Director of California NanoSystems Institute and Fred Kavli Professor of NanoSystems Sciences, UCLA.

CORRESPONDING FELLOWS *2

HEMLEY, Russell Julian. Director, Geophysical Laboratory, Carnegie Institution of Washington.

HUBER, Johannes B. Professor for Electrical Communications and Head of the Institute for Information Trans-mission, University of Erlangen-Nuremberg, Germany.

McDUFF, Dusa Margaret. FRS. Distinguished Professor of Mathematics, State University of New York at Stony Brook.

SCOTT, John Donald, FRS. Director of Academic Development and Senior Scientist, Vollum Institute, Portland, Oregon. Investigator, Howard Hughes Medical Institute.

WALSH, Frank Sinclair. Executive Vice President and Head, Discovery Research Worldwide, Wyeth Research, USA.

WILSON, Ian Andrew. FRS Professor, Department of Molecular Biology and the Skaggs Institute for Chemical Biology, The Scripps Research Institute, California

FELLOWS *2

ALBON, Stephen Derek. Land Use and Rural Stewardship Programme Co-ordinator, Macaulay Institute, Aberdeen.

BARLOW, David Hearnshaw. Executive Dean of Medicine and Professor of Reproductive Medicine, University of Glasgow.

BAXTER, John. Group Head of Engineering BP. President of the Institution of Mechanical Engineers (2007/8)

BECHHOFER, Frank. University Fellow and Professor Emeritus of Social Research, University of Edinburgh.

BENTON, Michael James. Professor of Vertebrate Palaeontology, and Head of Department of Earth Sciences, University of Bristol.

BONE, James Drummond. Vice-Chancellor, University of Liverpool.

BONNELL, Ian Alexander Douglas. Professor of Astronomy, University of St. Andrews.

BRADLEY, Mark. Professor of High-Throughput Chemical Biology, University of Edinburgh.

BREWER, John David. Professor of Sociology, University of Aberdeen.

BROWN, Janet Marjorie. Chief Executive, Scottish Qualification Authority.

CLARKE, (Christopher) Michael. Director, National Gallery of Scotland, Edinburgh.

CORMACK, Robert John. Principal, UHI Millennium Institute, Inverness.

CROOK, Jonathan Nicholas. Professor of Business Economics and Director, Credit Research Centre, University of Edinburgh.

DRITSCHEL, David Gerard. Professor of Applied Mathematics, University of St Andrews.

DRUMMOND, Norman Walker. Founder and Chairman, Columba 1400.

DUFF, Gordon William. KB. Florey Professor of Molecular Medicine, University of Sheffield. Hon Fellow (St Peter's College Oxon).

DUNLOP, Malcolm Graham. Professor of Coloproctology, University of Edinburgh; Head, Colon Cancer Genetics Group, University of Edinburgh and MRC Human genetics Unit; Consultant Colorectal Surgeon, Western General Hospital, Edinburgh.

ELLIOT, Alison Janet. OBE. Associate Director, Centre for Theology and Public Issues, University of Edinburgh; Convener of the Scottish Council for Voluntary Organisations and Chair of Scottish Churches World Exchange.

GOODWIN, Frederick Anderson. Kt. Chief Executive, Royal Bank of Scotland Group plc; Director, Bank of China; Director, ABN AMRO; Chairman of The Prince's Trust

GRAHAM, Gerard John. Professor of Molecular and Structural Immunology, University of Glasgow.

HARRIS, Kenneth David Maclean. Distinguished Research Professor, University of Cardiff.

HAYDON, Daniel Thomas. Professor of Population Ecology and Epidemiology, University of Glasgow.

HAYES, John Duncan. Professor of Molecular Carcinogenesis, and deputy director of the Biomedical Research Centre, University of Dundee.

HEWITT, Gordon. CBE. Adjunct Professor of Business Administration, Ross School of Business, University of Michigan; Distinguished Professor of International Business and Corporate Strategy, Duke Corporate Education; Chairman of Court, University of Abertay Dundee; Member of the International Advisory Board to Scottish Enterprise

HUNT, Kenneth James. Wylie Professor of Mechanical Engineering, University of Glasgow; Director of Research, Queen Elizabeth National Spinal Injuries Unit.

HURTADO, Larry W. Professor of New Testament Language, Literature and Theology and Head of School, University of Edinburgh.

JACKSON, Ian James. Senior Scientist, MRC Human Genetics Unit, Edinburgh, Hon Professor (Edinburgh).

KAUFMAN, Matthew Howard. Professor of Anatomy, University of Edinburgh.

LALAND, Kevin Neville. Professor of Biology, University of St. Andrews.

LEASK, Nigel James. Regius Professor of English Language and Literature, University of Glasgow.

LEIGHTON, John. Director-General of the National Galleries of Scotland.

McCOLL, James Allan. OBE. Chairman & Chief Executive Clyde Blowers Ltd.

MACDONALD, David Whyte. Director of Wildlife Conservation Research Unit, and Professor of Wildlife Conservation, University of Oxford .

McEWAN, Ian Kenneth. Founder, Brinker Technology Ltd; Reader, University of Aberdeen.

McINNES, Iain Blair. Professor of Experimental Medicine, University of Glasgow. Honorary Consultant Rheumatologist in the Centre for Rheumatic Diseases, Glasgow Royal Infirmary

McMURRAY, John Joseph Valentine. Professor of Medical Cardiology, University of Glasgow and Honorary Consultant Cardiologist, Western Infirmary, Glasgow.

MACRAE, Colin Neil. Professor, School of Psychology, University of Aberdeen.

MAO, Xuerong. Professor, Department of Statistics and Modelling Science, at University of Strathclyde.

MILLAR, Robert Peter. Director of the MRC Human Reproductive Sciences Unit, University of Edinburgh.

MORRIS, Russell Edward. Professor of Materials Chemistry, University of St Andrews.

NEWLANDS, Revd George McLeod. Professor of Divinity, University of Glasgow.

PEMBERTON, Josephine Mary. Professor of Evolutionary Ecology, University of Edinburgh.

PHILO, Christopher Paul. Professor of Geography, Department of Geographical and Earth Sciences, University of Glasgow.

RENWICK, John Peter. Honorary Fellow in French, School of Literatures, Languages & Cultures, University of Edinburgh.

ROBERTSON, James Francis. Author; Honorary Research Fellow, Department of Scottish Literature, University of Glasgow.

ROWAN, Sheila. Professor of Experimental Physics, Institute for Gravitational Research (IGR), University of Glasgow.

SANG, Helen. Group Leader, The Roslin Institute, Royal (Dick) School of Veterinary Sciences, University of Edinburgh.

SCOTT, Hamish Marshall. Wardlaw Professor of International History, University of St Andrews.

SCOTT, Walter Grant. Founder, Walter Scott and Partners Ltd.

SENN, Stephen John. Professor of Statistics, University of Glasgow.

STEWART, Iain William. Professor of Mathematics, University of Strathclyde.

TORERO CULLEN, Jose Luis. BRE Trust/RAEng Professor of Fire Safety Engineering, University of Edinburgh.

WALLACE, Alexander Robin Swann. Head of the Institute for Energy Systems, School of Engineering and Electronics, University of Edinburgh.

WHITE, Malcolm Frederick. Professor of Biochemistry, Centre for Biomolecular Sciences, University of St Andrews .

WOODS, Philip J. Head, Institute of Physics, Head of the Nuclear Physics Group, Professor of Nuclear Physics, University of Edinburgh.

Key to Criteria for Fellowship:

(*1) Corresponding Fellows: of significant international distinction within their own subject or profession. Must be domiciled overseas.

(*2) Ordinary Fellows: of national and international standing, based on quality of innovative contributions to their field, or professional standing and achievement in public service. Must have a connection with Scotland.

Further information about the RSE can be found on its website at: <http://www.royalsoced.org.uk>

About the RSE

The Royal Society of Edinburgh (RSE) is an educational charity, registered in Scotland. Independent and non-party-political, our wide-ranging educational activities include:

- Organising lectures, debates and conferences
- Conducting major independent inquiries
- Providing educational activities for school students throughout Scotland
- Distributing over £1.7 million to top researchers and entrepreneurs
- Showcasing to the World the best of our research and development
- Increasing two-way international exchange
- Encouraging, promoting and rewarding excellence
- Offering state-of-the-art conference facilities
- Publishing internationally respected learned journals

The RSE was founded in 1783 by Royal Charter for the “Advancement of Learning and Useful Knowledge”. Today it has around 1400 Fellows whose expertise encompasses the full spectrum of the sciences, medicine, engineering and technology, education, law, the arts, humanities, social sciences, business, industry, the professions and public service. This multi-disciplinary perspective makes the RSE unique amongst the United Kingdom’s learned societies. It is funded by a range of carefully selected charitable, public and private bodies. Its mission today is providing public benefit through the advancement of learning and useful knowledge.

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