



Press Release: Embargoed Till 0001 20 March 2013

Royal Society of Edinburgh Announces New Fellows

The Royal Society of Edinburgh (RSE) has announced its new intake of Fellows for 2013.

There are 47 new UK and International Fellows to add to its 1500-strong Fellowship. Fellows are elected following a rigorous examination of their achievements in their relevant fields.

The RSE's mission is the advancement of learning and useful knowledge and since its establishment in 1783 it has made a major contribution to Scottish Society through its Fellows. It is unique in Britain and distinctive internationally in the breadth of its Fellowship, which ranges across the sciences, medicine, engineering, the social sciences, arts, humanities, business and public service. Amongst its wide range of activities it provides: independent advice to Government and Parliament; research and enterprise Fellowships; education programmes for young people; and conferences and events aimed at both public engagement and specialists.

Sir John Arbuthnott, RSE President and eminent microbiologist, commented "As the President of the Royal Society of Edinburgh, I am aware that I am a representative of men and women who are outstanding in their intellectual fields and are "standing on the shoulders of giants". Given this, one of the most important and rewarding tasks of my role is, on behalf of the RSE Council, approving the internationally-recognised candidates who will be admitted as new Fellows to the Society.

"Every year the competition for places is intense and this year is no different, so I am delighted to welcome 47 new Fellows to the Royal Society of Edinburgh.

"The RSE prides itself on its international outlook, as well as its recognition of excellence in Scotland, so I am particularly pleased to welcome to the Fellowship our three new Honorary Fellows, Sir David Cox, Professor Robbert Dijkgraaf and Professor Jean Tirole."

The new Fellows were announced at the RSE's Ordinary Meeting on the evening of 19th March. The speaker at this meeting, Professor Michael Barrett, Professor of Biochemical Parasitology, University of Glasgow, was one of the new Fellows being announced. In his lecture on "The Scientific Life of Dr Livingstone", he outlined key scientific and geographical discoveries made by Livingstone and, in particular, discussed the impact of tropical diseases on Livingstone's travels in Africa.

Notes to editors:

A full list of new Fellows is below. Any media enquiries should be directed to Bristow Muldoon at bmuldoon@royalsoced.org.uk or 0131 240 2787 / 07766 915 218.

Honorary Fellowship (3)

COX, David. MA(Cantab), PhD(Leeds), HonDSc(Rding,Bradford,Helsinki,H-W,Limburgs,Queen's Ontario,Neuchatel,Minnesota,Abertay,Toronto,Crete,Harv,Elche,R.de Janiero,Leeds,Soton,Gothenburg,Glas), HonDMaths(Waterloo Ontario), HonDoctorate(Bordeaux 2,Athens). FRS, HonFBA, For Hon Memb AAAS, For Memb Royal Danish Academy of Science and Letters, For Ass USNAS, For Memb APS, For Ass Indian Academy of Sciences, Hon Fellow AAPSS.

Honorary Fellow, Nuffield College, University of Oxford.

DIJKGRAAF, Robbert Henricus. BSc(Utrecht), Gerrit Rietveld Academie(Amsterdam), MSc(Utrecht), PhD(Utrecht). President KNAW, Member Bataafsch Genootschap der Proefondervindelijke Wijsbegeerte, Member AcTI, Member Academia Europaea, Member Koninklijke Hollandsche Maatschappij der Wetenschappen.

Director and Leon Levy Professor, Institute for Advanced Study; Former Distinguished University Professor of Mathematical Physics, University of Amsterdam; Past President, Royal Netherlands Academy of Arts and Sciences.

TIROLE, Jean Marcel. Engineer(Ecole Polytechnique, Ecole Nationale des Ponts et Chaussées), Diplôme d'Etude Approfondie, Docteur de 3ème Cycle(Paris IX), PhD(MIT). Member Académie des Sciences Morales et Politiques, FES, For Hon Memb American Academy of Arts and Sciences, American Economic Association.

Scientific Director, Institut d'Economie Industrielle (IDEI).

Corresponding Fellowship (5)

MACMILLAN, David William Cross. BSc(Glas), PhD(California Irvine). FRS, FAAAS, Member American Academy of Arts and Sciences.

James S. McDonnell Distinguished University Professor of Chemistry, Princeton University; Chair, Department of Chemistry, Princeton University; Director, Merck Center for Catalysis at Princeton, Princeton University.

MUIR, Thomas William. BSc, PhD(Edin). FAAAS.

Van Zandt Williams, Class of 1965, Professor of Chemistry, Princeton University.

NDUNG'U, Joseph Mathu. BVM(Nairobi), PhD(Glasg).

Head of Human African Trypanosomiasis and Other Neglected Diseases Programme, Foundation for Innovative New Diagnostics.

POOR, Harold Vincent. BEE(Auburn), MS(Auburn), MA, PhD(Princeton), HonDTech (Aalborg), HonDSc(Edin). MemberUSNAS, InternationalFRAEng, Fellow American Academy of Arts & Sciences, FASEE, MemberNAE, FOSA, FIMS, FASA, FAAAS, FIEEE, Eminent Member Eta Kappa Nu.

Michael Henry Strater University Professor of Electrical Engineering & Dean of School, Princeton University.

VIRLOGEUX, Michel. Graduated from Ecole Polytechnique and from Ecole Nationale des Ponts et Chaussées. Docteur Ingénieur of the Pierre et Marie Curie University (Paris). FISTructE, FICE, Fellow of the Indian National Academy of Engineering, International FREng.

Private consultant.

Fellowship (39)

BALL, Keith Martin. BA, PhD(Cantab).

Scientific Director, International Centre for Mathematical Sciences (ICMS); Professor of Mathematics, University of Warwick.

BARRETT, Michael Peter. BSc(UCL), PhD(Cantab).

Professor of Biochemical Parasitology, University of Glasgow.

BINGHAM, Robert. BSc(Strath), MSc, DPhil(Oxon). FAPS, FInstP, FRAS, Member of the International Astronomical Union, Member of the European Physical Society.

Professor of Physics, University of Strathclyde; Individual Merit Scientist, Rutherford Appleton Laboratory.

BLOOMER, Keir. BA(Cantab), Teaching Certificate(Jordanhill). FRSA.

Independent Education Consultant.

BRECHIN, Euan Kenneth. BSc, PhD(Edin). MRSC.
Professor of Coordination Chemistry, University of Edinburgh.

BROUN, Dauvit. BA(Cantab), PhD(Edin).
Professor of Scottish History, University of Glasgow.

BROWN, Gordon Douglas. BSc(Witwatersrand), PhD(Capetown). FSB, FAAM.
Professor of Immunology, University of Aberdeen.

CAMERON, Peter Duncanson. LLB, PhD(Edin), FCI Arb, Barrister(England & Wales), Member of Middle Temple Inn of Court. Member of Council, International Bar Association Section on Energy and Natural Resources Law (96-01), Board, Association of International Petroleum Negotiators (08-11).
Professor of International Energy Law and Director of The Centre For Energy, Petroleum & Mineral Law & Policy, University of Dundee.

CAMPBELL, Marion Kay. BSc, MSc, PhD(Aberd). FSS, CStat, FFPH.
Director, Health Services Research Unit, University of Aberdeen.

CARRUTHERS, Gerard Charles. BA(Strath), PGCE(St Andrews College), M Phil, PhD(Glas).
Chair of Scottish Literature since 1700 and Deputy Head, School of Critical Studies, University of Glasgow.

CAWOOD, Peter Anthony. BSc, PhD(Sydney). FGS, Fellow Geological Society of America, Member Geological Society of Australia, Member American Geophysical Union.
Chair in Geology and Head of Department of Earth Sciences, University of St Andrews.

DE BORST, Rene. Officier dans l'Ordre National du Mérite. Ir,Dr(Delft). FIACM, Member KNAW, FIA-FraMCoS
Regius Chair of Civil Engineering and Mechanics, University of Glasgow.

FRANK, John William. BSc, MC(Toronto), Certificate of College of Family Physicians of Canada, MSc(LSHTM). FRCP(Canada), FPH(UK), Canadian Academy of Health Sciences.
Director, Scottish Collaboration for Public Health Research and Policy, Centre for Population Health Sciences, University of Edinburgh.

GARDEN, Olivier James. BSc, MB ChB(Edin), FRCS(Glas), MD(Edin). FRCS Ed, FRCP Ed, FRACS(Hon), FRCPS.
Regius Professor of Clinical Surgery, University of Edinburgh; Honorary Consultant, NHS Lothian.

GILLESPIE, Iain Miles Macgregor. BSc, PhD(Edin), MA(Kent), MBA(Open).
Professor, ESRC Innogen Centre, University of Edinburgh.

GOULSON, David. BA(Oxon), PhD(Oxford Brookes University). Fellow of the Royal Entomological Society.
Professor of Biological Sciences, University of Stirling.

HANSON, Vicki Lynne. BA(Magna Cum Laude)(Colorado), MA, PhD(Oregon). FBCS, Fellow and Office Bearer, Association of Computing Machinery.
Professor of Inclusive Technologies, University of Dundee.

HEGERL, Gabriele Clarissa. BA, PhD(Munich).
Professor of Climate System Science, University of Edinburgh.

HUGHES, Peter T. OBE. HNC(Metallurgy Technical College Coatbridge), DMS(Strath), MBA(Dund), HonDUniv(Paisley), HonDSc(Strath), HonDEng(Napier). FREng, FCMI, FICME, FIMMM
Former Chief Executive, Scottish Engineering.

HUTCHISON, Douglas Chalmers. BVMS(Glas). MRCVS.

Portfolio Non-Executive Director/Angel Investor.

JARDINE, Moira Mary. BSc, PhD(StAnd).

Professor of Astrophysics, University of St Andrews.

JENKINS, Gareth Islwyn. BSc(Liv), PhD(Leeds).

Professor of Plant Cell and Molecular Biology, University of Glasgow.

MACINNES, Allan Iain. MA(St And), PhD(Glas). FRHistS.

Professor of Early Modern History, University of Strathclyde.

MACLEAN, Margaret Ruth. MBE. BSc, PhD(Edin). FBPharmacolS, FSB

Professor of Pulmonary Pharmacology, Dean of Graduate Studies, University of Glasgow.

MARCHANT, Ian Derek. BA(Dunelm), HonDegree(H-W). ACA-ICAEW, FEI.

Chief Executive, Scottish & Southern Energy.

MILLAR, Andrew John McWalter. BA(Cantab), PhD(Rockefeller). FRS, Member EMBO.

Professor of Systems Biology, University of Edinburgh.

REID, Elspeth Christie. MA, LLB, DipLP(Edin), Solicitor. Member of International Academy of Comparative Law.

Professor of Scottish Private Law, University of Edinburgh.

SCHAAP, Pauline. BSc(Leiden Poly), PhD(Leiden). FSB, MBS.

Personal Professor of Developmental Signalling, University of Dundee.

SLOAN, William Taylor. BSc(H-W), MSc(University College of North Wales), PGCE, PhD(N'cle).

Professor of Environmental Engineering, University of Glasgow.

STAMPS, Robert Leon. BS, MS(Colorado), PhD(Colorado State). Member Humbolt Society.

Professor of Solid State Physics, University of Glasgow.

STOW, Dorrik Andrew Vincent. BA, MA(Cantab), PhD(Dalhousie). FGS, AGID.

Head of Institute, Institute of Petroleum Engineering, Heriot-Watt University; Former Ecosse Chair and Director, Heriot-Watt University.

SUTHERLAND, Alan James. BA(UEA), MA, PhD(Warwick).

Professor of Economics, University of St Andrews.

TOUYZ, Rhian Merry. BSc, MBBCh, MSc(med), PhD(Witwatersrand). FAHA, CAHS.

Director, Institute of Cardiovascular and Medical Sciences, University of Glasgow.

VIJAYAKUMAR, Sethu. BEng(India), MEng, PhD(Tokyo).

Professor of Robotics and Director, IPAB, School of Informatics, University of Edinburgh; Adjunct Faculty, University of Southern California, Los Angeles.

WADDELL, John McLaren Ogilvie. LLB(Edin).

Chief Executive, Archangel Informal Investments.

WALL, Ian James. HonDSc(H-W). ARICS, FRICS, HonFRIAS.

Chair, Science and Engineering Education Advisory Group.

WAUGH, Robbie. BSc(Strath), PhD(Dund).

Principal Investigator, The James Hutton Institute.

WEBB, Robert. BSc, PhD(Nott).

Chief Executive and Principal, SRUC - King's Buildings Campus.

WYATT, Paul Graham. BSc, PhD(B'ham).

Professor of Drug Discovery, Head of Drug Discovery Unit, University of Dundee.