Royal Society of Edinburgh Announces New Fellows

The Royal Society of Edinburgh (RSE) has announced its new intake of Fellows for 2012.

There are 46 new UK and International Fellows to add to its 1500-strong Fellowship. The Fellowship of the Society covers science, arts, humanities, the professions, industry and commerce. Fellows are elected following a rigorous examination of their achievement in the relevant field.

In pursuit of its aim of the advancement of useful knowledge, as well as in accordance with its Royal Charter and charitable status, the RSE 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, the President of the RSE and eminent microbiologist commented, "In my first year as President I am pleased to welcome such a talented group of people to the RSE. Each new Fellow has achieved excellence in her or his field of work, whether in academia, public service or business. When I meet the new group of new Fellows at their induction in May I will encourage all of them to actively engage with the work of the RSE for the benefit of society here in Scotland and internationally."

"It is also encouraging that the proportion of female Fellows elected is the highest in the history of the Society in a single year, which I believe is an indication that more women are reaching the highest levels of their discipline, which is also now being reflected in election to the RSE."

Amongst the new Fellows elected are:

Dr Mary McAleese, former President of Ireland for two terms of office, who is widely regarded as having played a key role in improving relations between the Republic of Ireland and Northern Ireland in her time in office.

Professor Sir Edwin Southern, founder and CSO, Oxford Gene Technology and Professor of Biochemistry at the University of Oxford. His work contributed greatly to the progress of the human genome project and revolutionised DNA sequence analysis.
Professor Sheila Bird, MRC Biostatistics Unit and Visiting Professor at the University of Strathclyde. She is an influential and important champion of the intelligent use of statistical methods in public policy and the media.

Professor Iain McLean, Professor of Politics, Nuffield College. Iain works in numerous fields of political science and history and is deeply involved in UK public policy research.

Professor Lesley Yellowlees, Vice Principal and Head of the College of Science and Engineering at the University of Edinburgh. Lesley’s background is in Inorganic Electrochemistry. She is also President elect of the Royal Society of Chemistry, a post she will take up in July of this year.

The full list of new Fellows of the Royal Society of Edinburgh for 2012 is as follows:

**Honorary Fellowship**

**MCALEESE, Mary Patricia.** LLB (QUB), Hon DLitt (Ulster), Hon LLD (University of Otago, Mount Holyoke College, Fordham University). Barrister of the Bars of Ireland (1978) and Northern Ireland (1974). Former President, Aras an Uachtarain.

**SOUTHERN, Edwin Mellor.** Kt. BSc (Manchester), PhD (Glasgow), HonDSc (Edinburgh, Lund, Upsalla, Glasgow, Brookes and others). FRS, HonFMedSci. Member: EMBO; HUGO. Foreign Member AAAS. Founder and CSO, Oxford Gene Technology; Professor of Biochemistry (Emeritus), University of Oxford.

**Corresponding Fellowship**

**BARRY, David Andrew.** BA(Queensland), BSc, PhD(Griffith). FICE, FCIWEM, FIMA, FHEA. Professor of Environmental Engineering, Ecole Polytechnique Fédérale de Lausanne.


**SIMPSON, Evan Rutherford.** BSc, PhD (Edin). Fellow of the Australian Academy of Sciences. Member: Society for Endocrinology (UK), Endocrine Society (USA).Member of Council of the Endocrine Society of Australia. Division Head, Sex Hormone Biology & Victorian Breast Cancer Research Consortium Laboratory, Prince Henry's Institute of Medical Research.

**THOMPSON, Kevin.** OBE. MA, PhD (Lond), Hon D Arts (Plymouth). FRCM, Hon FTCL, Hon FBC, FRSA, GRSM, LRAM, FTCL (Conducting), ARMCM. Director, The Hong Kong Academy for Performing Arts; Emeritus Professor, University of Plymouth.
**Fellowship**

**ARNOLD, Polly Louise.** MA (Oxon), DPhil (Sus). Professor of Synthetic Inorganic Chemistry, University of Edinburgh.

**BACHTLER, John.** BA (Swansea). Academician of the Academy of Sciences, Fellow of the Regional Studies Association. Professor of European Policy Studies; Director, European Policies Research Centre, University of Strathclyde.

**BIRD, Sheila Macdonald.** OBE. MA, PhD (Aberd). CStat, FPHRCP MRC Biostatistics Unit; Visiting Professor, University of Strathclyde; Programme Leader, MRC Biostatistics Unit.

**BROWN, David William.** MA (Edin), BA (Oxon), PhD (Cantab). FBA. Wardlaw Professor of Theology, Aesthetics and Culture, University of St Andrews.

**BROWN, Verity Joy.** BSc (UCL), PhD (Cantab), MBA (OU). FSB, FHEA. Professor of Psychology, University of St Andrews.

**CAMERON, David Allan.** BA, DES, MA (Cantab), MBBS (Lond), MSc, MD(Edin). MRCP (UK), CCST, FRCP (Edin). Clinical Director, The Edinburgh Cancer Research Centre; Professor in Oncology, University of Edinburgh.

**CARTER, Sara Lindsey.** OBE. BA (Lancaster), PhD (Stir). Member: Academy of Management, British Academy of Management Professor of Entrepreneurship, University of Strathclyde Business School.

**CHEUNG, Rebecca.** BSc, PhD (Glas). FIET, SMIEEE. Professor of Nanoelectronics, University of Edinburgh.

**CLEAVELAND, Sarah.** BSc (Soton), BA, Vet MB (Cantab), PhD(London School of Hygiene and Tropical Diseases). MRCVS. Professor of Comparative Epidemiology, University of Glasgow.

**CONN, Iain Cameron.** BEng(Imperial). CEng, FIChemE, FCGI. Managing Director and Chief Executive Refining & Marketing, BP plc.


**CRITCHLEY, Hilary Octavia Dawn.** BSc, MBChB, MD (Manc). FMed Sci., FSB. Professor of Reproductive Medicine, University of Edinburgh.

**CUBIE, Heather Ann.** BSc, MSc, PhD (Edin). FRCPath, FACM. Director, Scottish HPV Reference Laboratory, Royal Infirmary of Edinburgh; Consultant Clinical Scientist and Director, Scottish HPV Reference Laboratory, Edinburgh Specialist Virology Centre; Head of HPV Research Group, Royal Infirmary of Edinburgh; Honorary Professor, University of Edinburgh; Visiting Professor, University of Glasgow.

**DAWSON, Jane.** BA, PhD (Dunelm), PG Dip and Cert(Dund). Fellow: Royal Historical Society, Society of Antiquaries. John Laing Professor of Reformation History, University of Edinburgh.
GARSIDE, Paul. BSc (Salford), PhD (Nott). FSB. Professor of Immunobiology, University of Glasgow.

GORDON, Iain James. BSc (Aberd), PhD (Cantab). Fellow: North American Academy of Arts and Sciences; FSB. Chief Executive and Director, The James Hutton Institute.


HAWKESWORTH, Christopher John. BA (Dublin), DPhil (Oxon), HonDSc (Copenhagen). FRS, Fellow: American Geophysical Union, Geochemistry Society. Deputy Principal & Vice Principal of Research, University of St Andrews.

HOUSTON, Robert Allan. MA (St And), PhD (Cantab). FRHistS, Fellow of the Academia Europaea. Professor of Early Modern History, University of St Andrews.

IREDALE, John Peter. Bachelor of Medicine, MD (Soton). FMedSci, FRCP (Edin and Lond). Professor of Medicine, and Head of MRC/University of Edinburgh Centre for Inflammation Research.

KIRBY, Simon Michael. MA, PhD (Edin). Professor of Language Evolution, University of Edinburgh.

KRUUK, Loeske Elizabeth Beatrice. BA (Oxon), MSc (Aberd), PhD (Edin). Professor of Evolutionary Ecology, University of Edinburgh.

LEDINGHAM, Kenneth William David. BSc, PhD, DSc (Glas). FInstP. Professor of Physics, University of Strathclyde.

LENG, Gareth. BSc (Warwick), MSc, PhD (Bham). Professor of Experimental Physiology, University of Edinburgh; Head of School of Biomedical Sciences, University of Edinburgh.

LIBKIN, Leonid. BSc, MSc (Moscow), PhD (Pennsylvania). Member: UK Computing Research Committee, ACM, ASL. Professor, Foundations of Data Management, University of Edinburgh.

LOOS, Joachim. Senior Visiting Professor, Chinese Academy of Sciences. MS (Hamburg), PhD (Dortmund). Professor of Solid State Physics, University of Glasgow.

MCLEAN, Iain Sinclair. BA, BPh, DPhil (Oxon). FBA, Elected Trustee, Political Studies Association of the UK (PSA), Fellow of The International Centre for Jefferson Studies, Monticello, USA. Professor of Politics, Nuffield College.

MUIR WOOD, David. BA, PhD (Cantab). FREng, FICE. Professor of Geotechnical Engineering, University of Dundee.

NOLAN, Steven Patrick. BSc (West Florida), PhD (Miami). Fellow: Royal Society of Canada, European Academy of Sciences, FRSC, Member of the American Chemical Society. Professor of Inorganic Chemistry, University of St Andrews.
OPPO, Gian Luca. PhD(University of Florence). FOSA, FInstP. Professor of Computational and Nonlinear Physics, University of Strathclyde.

RUXTON, Graeme Douglas. BSc (H W), PhD (Strath). Professor of Theoretical Ecology, University of Glasgow.

SALMOND, George Peacock Copland. BSc (Strath), PhD(Warwick), MA, ScD(Cantab). HonDsc (Strath). FSB. Professor of Molecular Microbiology; Deputy Head of Dept of Biochemistry; Professorial Fellow, Wolfson College, University of Cambridge; Member, Scottish Science Advisory Council.

SANSOM, Owen James. BSc(Nottingham), MRes(Man), PhD(Edin). Deputy Director, Beatson Institute for Cancer Research.

SATTAR, Naveed Amjid. MBChB, PhD (Glas). FRCPath, FRCP (Glas). Professor of Metabolic Medicine, University of Glasgow.

SCOTT, Joanne. LLB (Aberd), LLM (European University Institute). Professor of European Law, University College London.

STODDART, Alexander. BA (Glasgow School of Art), Hon D (Paisley, Glasgow). Sculptor.

STOREY, Kate. BSc(Sus), PhD(Cantab). Professor in Neural Development, University of Dundee.

SWEDLOW, Jason. BA (Brandeis University), PhD(California). Professor of Quantitative Cell Biology, University of Dundee.

WILKINSON, Caroline. BSc (Manc), HND (Blackpool College of Art), MPhil, PhD (Manc). Professor of Craniofacial Identification, University of Dundee.

YELLOWLEES, Lesley. MBE. BSc, PhD (Edin), FRSC. President elect of the Royal Society of Chemistry, Vice Principal and Head of College for Science and Engineering of the University of Edinburgh. Professor of Inorganic Electrochemistry.

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The RSE is Scottish Charity SC000470