

# **New 2021 fellows of the Royal Society of Edinburgh**

**The Royal Society of Edinburgh has selected the 2021 fellows. They will join the existing roll of around 1600 thinkers and practitioners.**

The list this year includes some people who have had an impact on the country as it deals with the pandemic.

The Society rigorously assesses the achievements of those it appoints as fellows considering their professional standing and contribution to wider society.

The list includes many leading academics such as Professor Devi Sridhar, Chair of Global Public Health and Director of Global Health Governance Programme at Edinburgh University. Professor Sridhar, whose research considers the effectiveness of public health interventions, has become a household name in the last 12 months as a public health expert during the Covid-19 pandemic.

Also becoming a Fellow is Louise Macdonald OBE, who has been instrumental in helping to shape Scotland's future for young people through her work as CEO at Young Scot, and has recently been appointed as National Director of Institute of Directors Scotland. She has also co-chaired the RSE Post Covid-19 Futures Commission's Public Debate and Participation Working Group and the First Minister's National Advisory Council on Women and Girls.

Professor of Infection at the University of Dundee, and Chair of the Scottish Antimicrobial Prescribing Group Dilip Nathwani, has also been elected. Professor Nathwani is a global leader in advocating for the pivotal role that healthcare professionals have in dealing with the global pandemic of antimicrobial resistance, supporting their education in understanding how antibiotics work and improving their prescribing behaviour, a situation which has been exacerbated by the current Covid-19 crisis.







L-R Louise Macdonald OBE Professor Devi Sridhar and Professor Dilip Nathwani

Professor Dame Anne Glover, President of The Royal Society of Edinburgh said: "As Scotland's national academy we recognise excellence across a diverse range of expertise and experience, and its effect on Scottish society. This impact is particularly clear this year in the latest cohort of new Fellows which includes scientists who are pioneering the way

we approach the coronavirus; those from the arts who have provided the rich cultural experience we have all been missing, and some who have demonstrated strong leadership in guiding their organisations and communities through this extraordinary time.

“Through uniting these great minds from different walks of life, we can discover creative solutions to some of the most complex issues that Scotland faces. A warm welcome is extended to all of our new Fellows.”

This is the full list:

### **HONORARY**

**Baroness Onora O’Neill of Bengarve** CH, CBE, HonFRS, FBA, FMedSci, MRIA

*Philosopher and Crossbench Life peer, House of Lords*

### **CORRESPONDING**

**Professor Kofi Anyidoho** FGA

*University of Ghana, Professor of Literature and Poet (Ewe-English)*

**Professor Philip Cotton**

*Mastercard Foundation, Head, Scholars Program*

**Professor Ryan Gilmour** FRSC

*University of Münster, Chair of Organic Chemistry & CiMIC  
Professor of Chemical Biology*

**Professor Alan Irvine** MRIA

*Trinity College Dublin, Professor of Dermatology*

**Professor Juergen Kurths**

*Humboldt University of Berlin, Professor in Nonlinear Dynamics*

**Dr Mhoira Leng** FRCPE, FRCPSG

*Makerere University Palliative Care Unit, Uganda, Cairdeas International Palliative Care Trust, Scotland, Global health and palliative care specialist physician*

**Dr James Rautio**

*Sonnet Software Inc., CEO, President and Founder*

**FELLOWS**

**Dr Sam Alberti**

*National Museums Scotland, Keeper of Science & Technology*

**Ms Karen Anderson**

*'hirta', Founding Partner*

*Anderson Bell Christie, Architect & Founding Partner*

*Robert Gordon University, Visiting Professor*

**Dr Malcolm Appleby**

*Designer & Engraver*

**Professor Clive Badman** OBE

*University of Strathclyde, Executive Director, Special Projects in Life Sciences*

**Professor Christopher Barratt**

*University of Dundee, Professor and Head of Division Post Graduate Medicine*

**Professor Derek Bell** OBE, FRCP

*Imperial College London, Chair in Medicine & Professor for*

*Acute Medicine*

**Professor Kirstie Blair**

*University of Strathclyde, Chair in English Studies*

**Professor Helen Bond**

*University of Edinburgh, Chair of Christian Origins and Head of the School of Divinity*

**Professor Holly Branigan**

*University of Edinburgh, Professor of Psychology of Language and Cognition and Head of School of Philosophy, Psychology and Language Sciences*

**Professor Tara Brendle**

*University of Glasgow, Professor and Head of Mathematics*

**Professor Ian Brown**

*University of Glasgow, Senior Honorary Research Fellow in Scottish Literature*

*Kingston University, London, Professor Emeritus in Drama*

*Playwright and Poet*

**Professor Malinda Carpenter**

*University of St Andrews, Professor of Developmental Psychology*

**Professor Calum Colvin OBE FRSA**

*University of Dundee, Professor of Fine Art Photography and Associate Dean Research*

**Professor Lorne Crerar**

*Chairman, Harper MacLeod LLP*

**Professor James Curran MBE**

*Climate Ready Clyde, Chair*

**Dr Vincent Deighan**

*Comic Book Artist (also known by the pen name Frank Quitely)*

**Dr Maria Dornelas**

*University of St Andrews, Reader, School of Biology*

**Professor Michael Eddleston**

*University of Edinburgh, Professor of Clinical Toxicology*

**Professor Heather Ferguson**

*University of Glasgow, Professor of Medical Entomology and Disease Ecology*

**Mr Neil Firth**

*Piers Arts Centre, Director*

**Ms Julie Fowles**

*Musician, singer, presenter*

**Dr Nicholas Fraser**

*National Museums Scotland, Keeper of Natural Sciences*

**Dr Nikolaj Gadegaard**

*University of Glasgow, Professor of Biomedical Engineering*

**Professor Fiona Gilbert**

*University of Cambridge, Professor of Radiology & Head of Department*

**Professor Paul Glendinning**



*University of Manchester, Professor of Applied Mathematics*

**Ms Anne Glover** HonFREng

*Amadeus Capital Partners Limited, Co-Founder and CEO*

**Professor Faye Hammill**

*University of Glasgow, Professor of English Literature*

**Professor Susan Healy**

*University of St Andrews, Professor of Biology*

**The Rt Hon Lord Patrick Hodge**

*The Supreme Court of the UK, Deputy President*

**Professor Andrew Horne**

*University of Edinburgh, Professor of Gynaecology and Reproductive Sciences*

**Professor Paul Hoskisson**

*University of Strathclyde, Royal Academy of Engineering Research Chair in Engineering Biology and Professor of Molecular Microbiology*

**Dr Kirsty Hughes**

*Scottish Centre on European Relations, Director*

**Professor Alison Hulme**

*University of Edinburgh, Professor of Synthesis and Chemical Biology*

**Professor Alvin Jackson** HonMRIA

*University of Edinburgh, Richard Lodge Professor of History*

**Professor Aggelos Kiayias**

*University of Edinburgh, Chair in Cyber Security and Privacy*

**Dr Olga Kozlova**

*University of Strathclyde, Director of Innovation and Industry Engagement*

**Professor Nina Laurie**

*University of St Andrews, Professor of Geography and Development*

**Professor Linda Lawton**

*Robert Gordon University, Professor of Environmental Microbiology*

**Dame Mariot Leslie**

*HM Diplomatic Service (retired)*

**Professor John Ludden CBE, RAS, AE**

*Heriot-Watt University, Bicentennial Research Professor, The Lyell Centre*

**Professor Lesley McAra CBE**

*University of Edinburgh, Chair of Penology, Assistant Principal Community Relations, Director of the Edinburgh Futures Institute*

**Ms Louise Macdonald OBE**

*Young Scot, Chief Executive*

**Professor Malcolm Macdonald**

*University of Strathclyde, Professor of Applied Space Technology*

**Professor Nicola McEwen**

*University of Edinburgh, Professor of Territorial Politics and Co-Director, Centre on Constitutional Change*

**Professor Heather McGregor**

*Heriot-Watt University, Executive Dean, Edinburgh Business School*

**Professor Stuart Macgregor**

*Heriot-Watt University, Professor, Institute of Chemical Sciences*

**Professor Andrew McIntosh**

*University of Edinburgh, Professor of Biological Psychiatry and Head of Division of Psychiatry*

**Professor Paul McKenna**

*University of Strathclyde, Professor of Laser-Plasma Physics and Head of Department of Physics*

**Professor Ross McLure**

*University of Edinburgh, Professor of Extragalactic Astrophysics*

**Professor Lesley McMillan**

*Glasgow Caledonian University, Professor of Criminology and Sociology*

**Dr Poonam Malik FRSB**

*Scottish Enterprise, Board Member and Director*

**Professor Matthias Marti**

*University of Glasgow, Professor of Molecular Parasitology*

**Professor Peter Mathieson FMedSci**

*University of Edinburgh, Principal*

**Professor Richard Mellanby**

*University of Edinburgh, Professor of Comparative Medicine*

**Mr Simon Milne**

*Royal Botanic Garden Edinburgh, Regius Keeper*

**Professor Peter Mossey**

*University of Dundee, Professor of Craniofacial Development and Consultant in Orthodontics*

**Professor Alexander Murphy**

*University of Edinburgh, Chair of Nuclear and Particle Astrophysics*

**Professor Dilip Nathwani**

*University of Dundee, Emeritus Honorary Professor of Infection*

**Professor E. Elizabeth Patton**

*MRC Human Genetics Unit, Professor, Personal Chair of Chemical Genetics, MRC Investigator*

**Professor Yvan Petillot**

*Heriot-Watt University, Professor of Robotics and Autonomous Systems*

**Professor Douglas Philp**

*University of St Andrews, Professor in Chemistry*

**Professor Eleanor Riley FMedSci**

*University of Edinburgh, Professor of Immunology and Infectious Disease*

**Professor Ian Rivers**

*University of Strathclyde, Professor of Education for Social Change, Associate Principal and Executive Dean of the Faculty of Humanities and Social Sciences*

**Professor Boyd Robertson**

*NHS Highland Board, Chair*

**Professor Bernd Schroers**

*Heriot-Watt University, Professor of Mathematics*

**Professor Nigel Seaton** FREng

*Abertay University, Principal and Vice-Chancellor*

**Professor Jim Skea** CBE, FEI, HonFSE

*Imperial College London, Professor of Sustainable Energy*

**Professor Andrew Sloan**

*COWI UK Ltd, Managing Director*

**Professor Jennifer Smith**

*University of Glasgow, Professor of Sociolinguistics*

**Professor Devi Sridhar**

*University of Edinburgh, Chair in Global Public Health and Director, Global Health Governance Programme*

**Mr Ian Stevens**

*Bsolve Dental, Chief Executive Officer*

**Rev Professor John Swinton**

*University of Aberdeen, Professor in Practical Theology and Pastoral Care*

**Professor Andrew Tyler**

*University of Stirling, Professor, Deputy Dean and Associate Dean for Research, Faculty of Natural Sciences*

**Professor Neil Vargesson** FRSB, FHEA

*University of Aberdeen, Professor in Developmental Biology*

**Ms Judy Wagner**

*FWB Park Brown Ltd, Co-founder & Director*

**Professor Philip White**

*James Hutton Institute, Research Specialist in Plant Ecophysiology*

**Professor Christopher Williams**

*University of Edinburgh, Chair of Machine Learning*

**Professor James F Wilson**

*University of Edinburgh, Personal Chair in Human Genetics*

**Professor Graham Wren** FREng

*University of Strathclyde, Special Advisor to the Principal and Director of Major Projects*