



# Parliamentary and Scientific Committee

An All-Party Parliamentary Group



## Annual Report 2020

### **HRH The Duke of Edinburgh**

The Parliamentary and Scientific Committee wish to  
congratulate His Royal Highness Prince Philip on his  
100th Birthday this year

The Duke of Edinburgh was a former President  
of this Committee

# The Parliamentary and Scientific Committee

## An All-Party Parliamentary Group

### Office-holders 2020

#### President

The Lord Broers FRS FMedSci FEng

#### Chairman

Mr Stephen Metcalfe MP

#### Deputy Chairman

Ms Chi Onwurah MP

#### Past Presidents

The Lord Oxburgh KBE FRS

The Rt Hon the Lord Jenkin of Roding

The Lord Soulsby of Swaffham Prior

The Rt Hon the Lord Waldegrave of North Hill

The Earl of Selborne KBE FRS

HRH The Duke of Edinburgh KG KT FRS

#### Vice-Presidents

Mr Paul Ridout

Dr Stephen Benn

Mr Atti Emecz

Professor Ian Haines

Dr Guy Hembury

Ms Doris-Ann Williams MBE

Professor Francesca Medda

Sir Peter Bottomley

Chris Green MP

#### Hon Treasurer

Lord Willis of Knaresborough

#### Hon Secretary

Ms Carol Monaghan MP

#### Advisory Panel

Mr David Youdan

Dr David Dent

Ms Rebecca Purvis

#### Secretariat

Mr Leigh Jeffes

Mrs Karen Smith

3 Birdcage Walk, London SW1H 9JJ

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[www.scienceinparliament.org.uk](http://www.scienceinparliament.org.uk)

(new address from January 2021 –  
2nd Floor, 201 Great Portland Street,  
London W1W 5AB)

### Council

At the end of 2020 the following were members of the Council:

Dr Stephen Benn

Sir Peter Bottomley

Lord Broers

Commodore Barry Brooks

Colin Danson

Professor David Dent

Professor Michael Elves

Mr Atti Emecz

Chris Green MP

Professor Ian Haines

Dr Guy Hembury

Mr Paul Jackson

John Lowe BEM

Professor Francesca Medda

Mr Stephen Metcalfe MP

Ms Carol Monaghan MP

Dr Douglas Naysmith

Ms Chi Onwurah MP

Ms Rebecca Purvis

Mr Paul Ridout

The Earl of Selborne

Mr Ian Taylor MBE

Ms Doris-Ann Williams MBE

Lord Willis of Knaresborough

Dr Richard Worswick

Mr David Youdan



## Foreword from The President

**The Lord Broers FRS FMEDSCI FRENG**

May I welcome you to the first Annual Report of the Parliamentary and Scientific Committee in this new Parliamentary Session.

Following the December 2019 General Election, the Parliamentary and Scientific Committee was inaugurated as a new All-Party Parliamentary Group in January 2020 and I was delighted to accept the presidency of the Committee, succeeding Lord Oxburgh who served this Committee and the Lords Science and Technology Select Committee so well for many years.

We were saddened at the loss of our former previous Chairman, Andrew Miller who died in December 2019. He has been greatly missed by his many friends and colleagues .

Founded in 1939, the Committee is the oldest All Party Parliamentary Group and we marked the Committee's 80th Anniversary at our Annual Lunch, held in the House of Lords in January 2020, when we were delighted to welcome our Guest of Honour, Dame Jocelyn Bell Burnell.

At that time we were unaware of the impending Covid pandemic and the extent to which this would affect all our lives. For the past decade we have been aware of the need to have the resources and drugs available to deal with a pandemic such as this and we are extremely fortunate that vaccines have been developed and rolled out with such efficacy.

Covid-19 has meant that we have had to suspend our Discussion Meetings and Dinners in the Houses of Parliament but I am delighted that so many of our Members have been able to participate in the on-line webinars we organised to maintain our activities.

As well as dealing with the present Covid crisis, following Brexit the Government will be looking at strengthening our markets, increasing financial growth and productivity and meeting the challenges of Climate Change including hosting the COP 26 summit in November. Our programme of meetings this year will reflect these priorities.

A handwritten signature in black ink, reading 'Alex Broers'.

# Membership

## Parliamentary Membership

Any member of either House of Parliament including those hereditary peers in membership of the Committee on 8th November 1999 shall be eligible to be a member of the Committee.

### House of Lords

Baroness Andrews  
Lord Armstrong of Ilminster  
(deceased April 2020)  
Lord Boswell of Aynho  
Lord Broers  
Lord Clement-Jones  
Lord Craig of Radley  
Lord Davies of Coity  
Lord Deben  
Lord Fox  
Lord Framlingham  
Baroness Greenfield  
Baroness Hamwee  
Lord Haskel  
Lord Hennessy of  
Nympsfield  
Baroness Hilton of Eggardon  
Baroness Howe of Idlicote  
(to June 2020)  
Lord Howie of Troon  
(deceased June 2020)  
Lord Hoyle  
Lord Hunt of Chesterton  
Lord Hunt of Wirral  
Lord Jopling

Baroness Jones of  
Whitchurch  
Lord Judd  
Lord Kakkar  
Lord Kirkhope of Harrogate  
Lord Krebs  
Lord MacKenzie of Culkein  
Lord McColl of Dulwich  
The Countess of Mar  
(to May 2020)  
Baroness Masham of Ilton  
Baroness Neville-Rolfe  
Baroness Nicholson of  
Winterbourne  
Lord Northbrook  
Baroness Northover  
Lord O'Neil of Clackmannan  
(deceased August 2020)  
Lord Oxburgh  
Lord Patel  
Lord Patten  
Lord Rea (deceased June  
2020)  
Lord Rees of Ludlow  
Lord Ribeiro  
Viscount Ridley

Lord Rooker  
Lord Sainsbury of Turville  
The Earl of Selborne  
(deceased February 2021)  
Viscount Simon  
Lord Stevenson of  
Coddenham  
Lord Stone of Blackheath  
Lord Taverne  
Lord Tebbit  
Baroness Thornton  
Lord Trees of the Ross  
Lord Trefgarne  
Lord Turnberg  
Lord Vinson of Roddam  
Dene  
Lord Waldegrave of North  
Hill  
Baroness Walmsley  
Baroness Warwick of  
Undercliffe  
Lord Willis of  
Knaresborough  
Lord Winston  
Baroness Young of Old  
Scone (from February 2021)

### House of Commons

Adam Afriye  
Bob Blackman  
Sir Peter Bottomley  
Andrew Bridgen  
Jo Churchill  
Dr Therese Coffey  
Ronnie Cowan  
Alex Cunningham

David Davies  
The Rt Hon David Davis  
Martyn Day  
Thangam Debbonaire  
Caroline Dinenage  
Nigel Evans  
Ruth Edwards  
George Freeman  
Mark Garnier

Rt Hon Cheryl Gillan  
Robert Goodwill  
Rt Hon Michael Gove  
Patrick Grady  
Chris Green  
Stephen Hammond  
Bernard Jenkin  
Gareth Johnson  
David Jones

Chris Lewis  
 Kerry McCarthy  
 Stephen McPartland  
 Shabana Mahmood  
 Stephen Metcalfe  
 Rt Hon Ed Miliband  
 Carol Monaghan

David Morris  
 Chi Onwurah  
 Chris Philp  
 Jonathan Reynolds  
 Alok Sharma  
 Alec Shelbrooke  
 Jeff Smith

Karin Smyth  
 Graham Stringer  
 Alison Thewliss  
 Stephen Timms  
 Ben Wallace  
 Matt Warman  
 Hywel Williams

## Hereditary Peers

Earl of Cranbrook  
 Lord Hacking  
 Lord Ironside (deceased January 2020)

Lord Kirkwood (deceased July 2020)  
 Lord Monkswell (deceased July 2020)  
 Lord Renwick (deceased August 2020)  
 Viscount Weir

## Honorary Members

The Committee may appoint honorary members who by virtue of their standing or their office may appropriately engage in the Committee's activities.

HRH The Duke of Edinburgh  
 The President, The Royal Society (Sir Adrian Smith)  
 The President, The Royal Academy of Engineering (Sir Jim McDonald)

Government Chief Scientific Adviser (Sir Patrick Vallance)  
 Chief Scientific Adviser, Ministry of Defence (Professor Dame Angela McLean)  
 Chief Scientific Adviser, Department for Environment, Food and Rural Affairs (Professor Gideon Henderson)  
 Chief Scientific Adviser, Department of Health (Professor Chris Whitty)  
 Chief Scientific Adviser, Home Office (Professor John Aston)  
 Chief Scientific Adviser, Department for Transport (Professor Phil Blythe)  
 Chief Scientific Adviser, Foreign and Commonwealth Office (Professor Carole Mundell)  
 Chief Scientific Adviser, Department for Business, Energy and Industrial Strategy (Professor Paul Monks)  
 Chief Scientific Adviser, Food Standards Agency, (Professor Robin May)  
 Chief Scientific Adviser, Met Office (Professor Stephen Belcher)

## Life Members

The Committee may also elect up to a maximum of twenty-five life members who, on retirement from Parliament or their institution, will qualify by having served the Committee either as officers or in some other capacity and given valuable service to it. It will be the responsibility of the Council to recommend such former members for this category.

Arthur Butler  
 Dr Ian Gibson  
 Dr Brian Iddon  
 Dr Tom Inch OBE

Professor Alan Malcolm  
 Dr Douglas Naysmith  
 Richard Page  
 Reg Sell

Ian Taylor MBE  
 Dr Desmond Turner  
 Dr Peter Warren CBE

## Individual Members

The Committee may also elect individual members who, on retirement from Parliament or their institution, wish to remain actively engaged in the Committee's activities. Individual membership shall have a term of five years, which shall be renewable. It will be the responsibility of the Council to recommend individuals for this category.

Professor John Allen (from January 2021)  
Professor Derek Clements-Croome  
Sir Frederick Crawford  
Dr John Dudeney OBE  
Philip Greenish CBE  
Professor Michael Elves  
Paul Jackson  
Professor Izzet Kale

Dr Ashley Lenihan (from January 2021)  
Ian Morris  
Professor Robert Pickard  
Professor Chris Rapley  
Dr Elizabeth Rollinson (from January 2021)  
Dr Anthony Whitehead  
Dr Keith Winters  
Dr Richard Worswick

## Scientific and Technical Organisations

An organisation or society shall be eligible for election to the Committee as a Scientific and Technical Organisation if the Council is satisfied that it is either:-

- (i) A National Institution or Association for qualifying scientists, engineers or technologists; or
- (ii) A Research Organisation which is not of a profit-making character, or part of an individual commercial or profit-making undertaking, and which is either directly engaged in natural or social science, pure or applied, or both providing funds for research to be conducted by other bodies and also taking a direct part in determination of the programmes of such research, or
- (iii) A body, the contribution of which to the scientific life of the country makes its membership, in the opinion of the Council, desirable in order to advance the agreed objects of the Committee.

In reaching a decision with regard to eligibility regard shall be had to the extent to which the branch of science, engineering or technology represented by the applicant organisation is already adequately represented on the Committee.

Note: No organisation which had been elected to membership by the Committee prior to January 1963, shall be rendered ineligible for membership under this sub-clause.

AIRTO  
The Alan Turing Institute  
Association of Consulting Scientists

Association of Management & Professional  
Staffs  
AWE  
The Babraham Institute  
Biochemical Society

Professor Richard Brook OBE FREng  
Sir Adrian Smith  
The Chairman, Dr Chris Chatfield,  
Stuart Guy

Tony Harding, Marijke Smith  
Colin Danson  
Director  
Kate Baille, Adam Hughes

## Scientific and Technical Organisations *(continued)*

Biotechnology and Biological Sciences Research Council	Chief Executive
British Antarctic Survey	Professor Jane Francis
British Computer Society	Paul Fletcher
British Council	
British Ecological Society	Mrs Camilla Morrison-Bell, Dr Dan Osborn
British Geological Survey	Professor John Ludden
British and Irish Association of Zoos and Aquariums	Dr Kirsten Pullen
The British Institute of Radiology	Ms Carole Cross
British Maritime Technology Ltd	
British Measurement & Testing Assn	Greg Ward
British Neuroscience Association	Professor Narender Ramnani
British Pharmacological Society	Anna Zecharia
British Society for Antimicrobial Chemotherapy	Mrs Tracey Guise
British Society for Immunology	Matthew Gibbard
British Society of Soil Science	Dr Kathryn Allton, Ian Brown
British Trust for Ornithology	Dr Andy Clements
British Veterinary Association	Carl Padgett
CABI	Dr Richard Shaw
Campden BRI	Chris Huscroft
Cavendish Laboratory	The Secretary
Chartered Institute of Ergonomics and Human Factors	David Noorzaman Rashid
Chartered Institute of Patent Attorneys	Dr Julian M Potter, R P Jackson, Lee Davies
Chartered Society of Forensic Sciences	Dr Anya Hunt
Chemring Technology Solutions Ltd	Pete Lockhart
Clifton Scientific Trust Ltd	Dr Eric Albone
Comino Foundation	
The Daphne Jackson Trust	Dr Katie Perry, Tim Julier
Diamond Light Source Ltd	Laura Male
Economic and Social Research Council	Tony McEnery, Ms Susie Watts
Energy Institute	Mrs Louise Kingham
Engineering & Physical Sciences Research Council	
Engineering Professors' Council	Rocy Squire, Ciara McLoone
EngineeringUK	Johnny Rich
Fera Food and Environment Research Agency	Mark Titterton
Foundation for Science and Technology	Dr Andrew Swift
Foundation for Science, Technology and Civilization	Gavin Costigan
Francis Crick Institute	Dr Anne-Maria Brennan
	Louise Wren, Helena Brown



## Scientific and Technical Organisations *(continued)*

Fraunhofer UK Research Ltd

The Geological Society

The Ground Forum

Hazards Forum

Institute of Acoustics

Institute of Biomedical Science

Institute of Corrosion

Institute of Food Science and Technology

Institute of Mathematics & Its Applications

Institute of Materials Finishing

Institute of Physics

Institute of Physics and Engineering  
in Medicine

Institution of Chemical Engineers

Institution of Engineering and Technology

Institute of Innovation and Knowledge  
Exchange

Institution of Mechanical Engineers

John Innes Centre

Learned Society of Wales

Knowledge Transfer Network

Linnean Society of London

Lloyd's Register Foundation

London Mathematical Society

Marine Biological Association

Materials UK

Medical Research Council

Met Office

Microbiology Society

National Institute of Social and Economic  
Research

National Oceanography Centre, Southampton

National Numeracy

National Physical Laboratory

Natural Environment Research Council

Natural History Museum

Nuffield Council on Bioethics

The Nutrition Society

Operational Research Society

Pembrokeshire Coastal Forum

Smon Andrews,

Professor Martin D Dawson

Richard Hughes

Ken Marsh

Nick Shaw

Allan Chesney

Nadine Rulliere

Dr Douglas Mills

Jon Poole

David Youdan

Professor Karl Ryder, Dr Trevor Crichton

Professor Paul Hardaker

Dr David Brettle, Fiona Wall,

Jon Pritchard, Miles Seaman

Ms Alison Carr, Paul Davies, FL Pitt,

Robert Beahan

Professor Sa'ad Medhat

Dr Colin Brown

James Piercy, Dr Eva Sharpe

Martin Pollard

Dr Alicia Greated

Professor Anjali Goswami

Ms Eileen Kinghan

Professor E Brian Davies, Lindsay Walsh,  
Dr John Johnston

Dr Matthew Frost

Professor Colin Seabrook MBE

Pauline Mullin, Frances Rawle

Professor Stephen Belcher

Dr Peter Cotgreave

Jagjit Chadha

Professor Edward Hill

Julia Day

Dr Peter Thomson, Professor John Pethica,  
Alex Connor

Professor Duncan Wingham

Sir Michael Dixon, John Jackson

Hugh Whittall, Catherine Joynson

Dr Mark Hollingsworth

Gavin Blackett, Dr Roger Forder

Steve Hall

## Scientific and Technical Organisations *(continued)*

The Physiological Society	Daniel Burdass, Henry Lovett
Plymouth Marine Laboratory	Professor Icarus Allen
Public Health England	Professor Virginia Murray
Quadram Institute Bioscience	Andrew Chapple
Radioactive Waste Management	Professor Cherry Tweed
Rosalind Franklin Institute	Laura Holland
Royal Academy of Engineering	Dr Hayaatun Sillem, Dr A M Neville, Professor Michael Wood, Barry Haseltine, Dr William 'Stan' Jones
Royal Astronomical Society	Professor Andy Fabian, Robert Massey
Royal Botanic Gardens, Kew	Professor Kathy Willis
Royal College of Pathologists	Michael Osborn, Janine Aldridge, Professor Diane Gaston
Royal College of Veterinary Surgeons	Dr Niall Connell
The Royal Institution	Professor Gail Cardew
Royal Pharmaceutical Society of GB	The President, Professor Luigi G Martini
The Physiological Society	Daniel Burdass
The Royal Society	Sir Adrian Smith, Dr Julie Maxton, Dr Stuart Taylor, Rebecca Purvis
The Royal Society of Biology	Dr Mark Downs, Dr Stephen Benn
The Royal Society of Chemistry	Dr Robert Parker, Matt Davies
The Royal Society of Edinburgh	Dame Ann Glover, Dr Rebecca Widdowfield
Royal Statistical Society	Dr Christl Donnelly
SCI Society of Chemical Industry	Sharon Todd
The Science Council	Helen Gordon
Science & Technology Facilities Council	Ms Natalie Bealing
Science Museum	Sir Ian Blatchford, Dr Oliver Carpenter
Society for Applied Microbiology	Professor Mark Fielder, Dr Lucy Harper
Society for Endocrinology	Rachel Evans, Laura Udakis
Society for Underwater Technology	Ralph Rayner, Peter Metcalf, Dr Cheryl Burgess
Society of Cosmetic Scientists	The President
Society of Dyers and Colourists	Dr Graham Clayton
Society for Radiological Protection	Ms Amber Bannon
TWI Ltd	Christoph Wiesner, John Wintle
The United Kingdom Accreditation Service	Hugh Taylor
UK Deans of Science	Professor Ian Haines
UKRI	Roxy Squire
Understanding Animal Research	Ms Wendy Jarrett
Universities Federation for Animal Welfare	Dr Robert Hubrecht OBE
The Wellcome Trust	Sarah Rappaport
The Worshipful Company of Engineers	Colonel D J L Swann CBE

## Commercial Members

The Council may also elect to the Committee up to a maximum of 100 Commercial Members, such maximum being subject to modification at any subsequent Annual General Meeting. Such members shall be Companies registered in the UK or UK nationalised Undertakings or organisations representing a sector of industry. In electing a Commercial Member, the Council shall have regard to the desirability of ensuring that the membership as a whole is representative of as wide a range as possible of activities involving Science, Engineering and Technology. In reaching a decision as to eligibility regard shall be had to the extent to which the applicant is engaged in scientific, engineering or technological research.

Abbeyvet Export LLP  
ABPI - Association of the British  
Pharmaceutical Industry  
Association of Marine Scientific Industries  
AstraZeneca PLC  
British In Vitro Diagnostics Association  
Chemical Industries Association  
The Cosmetic, Toiletry and Perfumery  
Association Ltd  
David Dent Associates  
First Group PLC  
Geomatrix Earth Science Ltd  
International Business Machines Corp  
Johnson Matthey PLC  
LGC Ltd  
OptiRisk Systems  
Oxitec  
Risk Solutions  
Rolls-Royce  
R S Clare & Co Ltd  
Society of Maritime Industries  
Varley Engineering Limited  
Vitabiotics Limited  
Yakult UK Ltd  
Zapgocharger Ltd

Dr Iain MacKellar  
  
Tracey Robins, Ali Hansford, Elliott Dunster  
Director  
Jon Elliott  
Ms Doris-Ann Williams MBE  
Simon Marsh  
  
Dr Emma Meredith  
Professor David dent  
Mac Andrade  
Tom Nicols  
Professor Jason Crain  
Ms Sally Jones, Ms Ellie Davison  
Dr Derek Craston  
Professor Gautram Mitra  
  
Dr Helen Wilkinson  
Helen Kennett  
Roy Coldwell, Ian Meadows  
Paul Ridout, Tom Chant  
David Slater  
Robert Taylor  
Science Director, Louise Rayne Wilson  
Stephen Voller, Dr Hugh Sutherland

## University Members

Universities of the UK, Institutions in Scotland and Northern Ireland equivalent to schools and colleges of individual universities where appropriate shall be eligible for election by the Council. In reaching a decision as to eligibility regard shall be had to the extent to which the applicant is engaged in scientific, engineering or technological research.

Anglia Ruskin University

Professor Roderick Watkins,  
Professor Eamon Strain  
Professor Jonathan Dawes,  
Dr Andrew Weyman

University of Bath

## University Members *(continued)*

University of Bedfordshire  
University of Birmingham

University of Bolton

Bournemouth University  
University of Bradford  
Brunel University  
Cardiff University  
University of Central Lancashire  
City, University London  
Cranfield University

University of Derby  
University of Dundee  
University of Durham  
University of East Anglia  
University of East London  
University of Edinburgh  
Edinburgh Napier University  
University of Essex  
University of Exeter  
Glasgow Caledonian University  
University of Greenwich  
Harper Adams University  
University of Hertfordshire  
University of Hull

Imperial College London

Keele University  
Kings College London

University of Lancaster  
University of Leicester  
University of Leeds  
Liverpool Hope University  
London School of Hygiene and  
Tropical Medicine  
London Metropolitan University  
London South Bank University

Professor Jan Domin  
Professor Tim Jones,  
Professor A Schofield,  
Professor Myra Nimmo  
Professor Patrick Mc Ghee,  
Professor Kondal Reddy Kandadi  
Professor John Vinney  
Professor John Bridgeman  
Professor Dame Julia Buckingham  
Professor Karen Holford CBE  
Professor StJohn Crean  
Professor Sir Paul Curran  
Professor Mark Richardson,  
Emma Butterwick  
Professor Kathryn Mitchell  
Dr Karen Petrie  
Neil Heckels, Lisa Hodgson, Dr Karena Yan  
Executive Dean of Science  
Professor Verity Brown  
Professor Peter Mathieson  
Professor Gary R Hutchison  
Dr Robert Singh  
Vice-Chancellor  
Professor Cam Donaldson

Dr David Llewellyn  
Vice Chancellor  
Professor Gilmartin,  
Professor Amar Ramudhin,  
Professor Lynne Frostick  
Professor Martin Blunt, John Neilson,  
Professor Paul French  
Professor Jonathan Westling  
Chris Mottershead, Dr Sarah Markham,  
Dr Richard Siow  
Professor Dame Sue Black  
Professor Martin A Bristow  
Professor Kurt Langfield  
Professor Andrew Foulkes

Professor Baron Peter Piot  
Professor Lynn Dobbs, Dr Elizabeth Opara  
Professor Patrick Bailey

## **University Members** *(continued)*

University of Loughborough  
University of Manchester  
Manchester Metropolitan University  
University of Northampton  
The Open University

University of Portsmouth  
University of Plymouth  
Queen Mary, University of London  
University of Reading  
Royal Holloway, University of London  
University of Salford  
University of Southampton  
University of South Wales  
University of Strathclyde  
University of Surrey  
Teesside University  
University College London

Ulster University  
University of Warwick  
University of West London  
University of Westminster  
University of the West of Scotland  
University of Wolverhampton

Professor Chris Linton  
Dr John Roberts  
Professor Steve Decent  
Professor Nick Petford  
Pro-Vice-Chancellor  
(Research and Enterprise)  
Dr Guy Hembury  
Professor Jerry Roberts  
Professor Sir Colin Berry  
Sir David Bell KCB

Gareth Giles  
Dr Stewart Eyres  
Professor Sir Jim McDonald  
Professor Michael Kearney  
Professor Simon Hodgson  
Professor Michael Arthur,  
Dr Michael Spence,  
Professor Francesca Medda,  
Sarah Chaytor  
Professor Cathy Gormley-Heenan  
Pro Vice-Chancellor  
Professor Peter John CBE  
Nicola Haines  
Professor Milan Radosavljevic  
Professor Geoff Layer,  
Professor Nduka Ekere,  
Professor Derek Walton

## **Associate Members**

The Council may elect to the Committee as Associate Members Bodies which, although not engaged in scientific research, represent the interests of those who are significantly affected by science and which, in the opinion of the Council, are in a position to contribute positively to the work of the Committee.

Penningtons Manches LLP  
The UK Innovation Science Seed Fund LLP

Christopher Shelley  
Dr Andrew Muir, Vernon Hunte

# Minutes of the Parliamentary and Scientific Committee - APPG

## Inaugural Meeting

Held on **Monday 13th January 2020** at 4.30 pm  
in the Grimond Room, Portcullis House.

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**Present:** Stephen Metcalfe MP (Chairman),

Tom Addison	Julia Knights	Dr Peter Warren
Professor Ian Haines	Jonathan Shapiro	John Elliott
Chi Onwurah MP	Pete Bryant	Dr Julie Maxton
Dr Eric Albone	John Lowe	Professor Jonathan
Steve Hall	John Slater	Wastling
Mr F L Pitt	Carmen Chai	Professor Michael Elves
Dr Stephen Benn	Professor Terry Lyons	Professor Francesca Medda
Tony Harding	David Slater	Dr Anthony Whitehead
Stuart Pritchard	Gavin Costigan	Professor Shaun Fitzgerald
Dr Peter Blair-Fish	Ute Lynch	Carol Monaghan MP
Professor Jane Harrington	Marijke Smith	Doris-Ann Williams MBE
Professor Narender	Lord Craig of Radley	Dr Neil Gaspar
Ramnani	Andrew Mackenzie	Professor John Moriarty
David Bott	Tony Smith	Stephen Wilkins
Dr Mark Hollingsworth	Dr Derek Craston	Helen Gordon
Dr Noorzaman Rashid	Lord Mair	John Murray
Sir Peter Bottomley MP	Roxy Squire	John Wintle
Vernon Hunte	Colin Danson	Lord Hacking
Paul Ridout	Professor Alan Malcolm	Tom Nicols
Lord Broers	Ian Taylor	Dr Karena Yan
Tim Julier	Dr John Dudeney	Dr Lucy Harper
Emma Sandwell Saunders	Simon Marsh	Thao NguyenNguyen
Commodore Barry Brooks		David Youdan

Leigh Jeffes, Karen Smith and Dr Isabel Spence were in attendance.

The Chair welcomed all to the Inaugural Meeting of the Committee and advised that the sole purpose would be to elect the Officers. Once this had been done a formal application would be submitted for the Committee to be registered as an All-Party Parliamentary Group.

The Chair then went on to pay tribute to Andrew Miller, the previous Chair of the Committee, who passed away on 24th December 2019. He and the Committee's Chief Executive, Leigh Jeffes would be attending the funeral in Chester on 31st January.

A minute's silence was then observed in memory of Andrew Miller.

## **1. Apologies for Absence** were received from:

Robert Barrett	Dr Guy Hembury	Professor Welham
Chris Green MP	Professor Cherry Tweed	Lord Fox
Professor Mark E Smith	Dr Trevor Crichton	Carol Monaghan MP
Professor Julia Buckingham	Professor Henderson	Professor Mike Wood
Lord Haskel	Lord Waldegrave	Dr Matt Frost
Lord Tebbit	Lee Davies	Dame Lucy Neville-Rolfe
Dr Clements-Croome	Professor Peter Kopelman	Dr Richard Worswick
Lord Haskel	Professor Roderick Watkins	Sir Peter Gregson
Professor Mark Thompson	Dr David Dent	Lord Patel
Sir Frederick Crawford	Dr Nick Lambert	

## **2. MINUTES of the last Annual General Meeting (14th October 2019) for noting**

The Chair informed the Committee that the Parliamentary Registrar had advised that the Parliamentary and Scientific Committee was technically a new Group and as such, the Committee could not approve the old Group's minutes. Therefore, the Minutes had been published with the designation 'unapproved minutes'.

### **1. Matters arising not covered in the Agenda**

Mr John Lowe BEM advised that he had previously raised the issue of improving the profile of the Committee and he wished this to be progressed. The Chair confirmed that this matter would be passed to Council.

## **3. ELECTION OF OFFICERS**

### **3.1 Election of President**

The election of Lord Broers to the office of President was proposed by Sir Peter Bottomley, seconded by Dr Stephen Benn and agreed nem-con.

### **3.2. Election of Officers, Vice-Presidents, Advisory Panel and Council Members for 2020**

The list of those who have agreed to stand for election as Officers of the Committee, Vice-Presidents, members of the Advisory Panel and Council Members had been circulated:

**Chairman** - Mr Stephen Metcalfe MP

**Deputy Chairman** - Ms Chi Onwurah MP

**Hon Treasurer** - Lord Willis of Knaresborough

**Hon Secretary** - Ms Carol Monaghan MP

**Officer- Vice President**

Sir Peter Bottomley

Chris Green MP

**Vice-Presidents**

Mr Paul Ridout

Mr Atti Emecz

Dr Guy Hembury

Professor Francesca Medda

Dr Stephen Benn

Professor Ian Haines

Ms Doris-Ann Williams MBE

**Advisory Panel**

Mr David Youdan

Professor David Dent

Ms Rebecca Purvis

### **Members of Council**

Dr Stephen Benn	Sir Peter Bottomley
Lord Broers	Commodore Barry Brooks
Colin Danson	Professor David Dent
Mr Atti Emecz	Professor Ian Haines
Dr Guy Hembury	Mr Paul Jackson
Professor Francesca Medda	Mr Stephen Metcalfe MP
Ms Carol Monaghan MP	Dr Douglas Naysmith
Ms Chi Onwurah MP	Ms Rebecca Purvis
Mr Paul Ridout	The Earl of Selborne
Mr Ian Taylor MBE	Ms Doris-Ann Williams MBE
Lord Willis of Knaresborough	Dr Richard Worswick
Mr David Youdan	Chris Green MP

The election of the above candidates was proposed by Sir Peter Bottomley seconded by Dr Stephen Benn and agreed nem-con.

The Chair invited further nominations for election to membership of the Council:

Professor Michael Elves was proposed by Professor Alan Malcolm and seconded by Mr John Lowe BEM and agreed nem-con;

Mr John Lowe BEM was proposed by Dr John Dudeney and seconded by Professor Ian Haines and agreed nem-con.

#### **4. ELECTION OF LIFE MEMBERS**

There were no proposals for new Life members

#### **5. FINANCIAL STATEMENT**

Karen Smith advised that the Annual Financial Statement for 2019 would be presented to Council at their next meeting in February.

#### **6. PROGRAMME for 2020**

The programme for 2020 had been circulated.

Topics would include Smart Energy, Noise, Autonomous Vehicles, Non-Tumour Cancers and Precision Medicine and Genome Mapping, Healthy Ageing, Quantum Technologies and Sector Deals for SMEs.

The Annual STEM for Britain poster competition and exhibition would be held on Monday 9th March.

#### **ANY OTHER BUSINESS - None**

The meeting closed at 17.05pm





## **Annual Report from The Chairman for 2020**

**Stephen Metcalfe MP**

2020 has been a turbulent year for us all. My heartfelt sympathies go out to all who have lost loved ones in this pandemic and I send warmest wishes for a full and speedy recovery to all who are still affected by Covid-19.

I was very pleased to be re-elected to serve the constituents of South Basildon & East Thurrock for the 4th time on December 12th 2019 and to have the opportunity to continue to promote science, technology, and engineering in my constituency and across Britain.

The Covid Pandemic has meant that meetings of the Parliamentary Scientific Committee have had to move on-line and we had a very successful programme of webinars looking at issues around Covid - the impact on older people as well as a global perspective, Non-Malignant Cancers, Science Education, Racial Inequality in the UK Science Community, Sources, health benefits and global challenges of Protein and Autonomous Transport.

The Committee's Annual STEM for BRITAIN competition, held on the 9th March, showcased the incredibly high standard of work being undertaken by our early-career researchers. This was the last opportunity we had to hold an event in the House but we are already looking forward to being back in the Attlee Suite for STEM 2022.

We have a very interesting and varied programme for 2021 which will include further updates on Covid-19, Quantum Technologies, the Natural Capital Initiative, Mathematics and Algorithms, Climate Change and COP 26.

It is hoped that with the easing of restrictions we may be able to hold our Annual Lunch in the House of Lords in November.

At the time of writing we have already held three very interesting meetings this year on UK Telecommunications and Infrastructure, Sector Deals for SME's and we partnered with the Royal Society for a very informative update on Brexit looking at 'What does the UK-EU deal mean for science?'

We will be continuing to work in partnership with the scientific community to help ensure parliamentary colleagues understand what needs to be done to maintain and grow UK research and innovation.

Last year we welcomed 30 new members to the Committee – please do get in touch with Leigh Jeffes if you would like information about joining.

I am grateful to Leigh Jeffes and to Karen Smith for all their work on behalf of the Committee and to the wider P&SC Team – Dr Isabel Spence, John Slater Ben Allen and Charlotte Hall for their help.

I am also grateful to Vice President Dr Stephen Benn for undertaking the chairing of the P&SC Council meetings and deputising for me at Discussion Meetings in my absence; to Carol Monaghan MP for chairing the Programme Committee and to Vice-President Doris-Ann Williams MBE for chairing the STEM for Britain Organising Committee meetings.

A handwritten signature in black ink, appearing to read 'Leigh Jeffes', with a horizontal line underneath.

# Addresses and Discussions 2020

See [www.scienceinparliament.org.uk](http://www.scienceinparliament.org.uk) for further information

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## **"Smart Energy"**

Monday 13th January 2020

Professor Malcolm McCulloch, Associate Professor in Engineering Science and Group Leader of the Energy and Power Group, University of Oxford;

Maria McKavanagh, CEO of VERV;

Dr Rebecca Ford, University of Strathclyde researcher and EnergyRev Research Director;

Professor Gioia Falcone, Rankine Chair, Professor of Energy Engineering, James Watt School of Engineering.

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## **Annual Lunch**

Tuesday 21st January 2020

Guest Speaker: Dame Jocelyn Bell Burnell

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## **"Noise, Sound and Acoustics"**

Monday 24th February 2020

Stephen Turner, President-Elect, Institute of Acoustics

Dr Benjamin Fenech, Group Leader Noise and Public Health, Public Health England

Professor Christopher Barlow, Professor of Acoustics, Solent University

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## **STEM for Britain**

Monday 9th March 2020

The STEM for Britain poster competition and exhibition was hosted by Stephen Metcalfe MP, Chairman of the Parliamentary and Scientific Committee and was well attended by members from both Houses.

The day was divided into two separate exhibitions, providing early-stage researchers with an opportunity to show to Parliamentarians the first-class research being undertaken in British universities and research institutions. The two exhibitions included posters on Physics and Chemistry, Engineering and Mathematical Sciences, Biological and Biomedical Sciences. Medals and cash prizes were awarded in each discipline.

STEM for Britain continues to be the largest meeting of young scientists and their MPs worldwide.

More information can be found at <https://stemforbritain.org.uk/>

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## **"COVID-19 – The Statistics and the Science Underlying It"**

Monday 29th June 2020

Professor Sylvia Richardson CBE, Director of the MRC Biostatistics Unit and President-elect of the Royal Statistical Society;

Dr Daniela De Angelis, Deputy Director of the MRC Biostatistics Unit;

Professor Oliver Johnson is Professor of Information Theory and Director of the Institute for Statistical Science, School of Mathematics, Bristol University;

Professor Jo Martin, President of the Royal College of Pathologists, Professor of Pathology, Queen Mary University of London and Director of Academic Health Sciences, Barts Health NHS Trust.

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**"Non-Malignant Cancers, Precision Medicine and Genome Mapping"**

Monday 14th September 2020

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Sarah McDonald, Director of Research and Patient Advocacy, Myeloma UK;

Dr Karthik Ramasamy, Consultant Haematologist at the Oxford University Hospitals NHS Foundation Trust;

Dr Inês Cebola, Department of Metabolism, Digestion and Reproduction, Imperial College London;

Dr Ian M Frayling, Honorary Consulting Genetic Pathologist to St Mark's Hospital, London & St Vincent's Hospital, Dublin; Honorary Senior Clinical Research Fellow, Inherited Tumour Syndromes Research Group, Cardiff University and President Elect, Association of Clinical Pathologists.

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**"Science education: supporting the UK as a science superpower"**

Sponsored by STEM Learning UK Ltd

Monday 28th September 2020

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Donald Morrison, Senior Vice President and General Manager for People & Places Solutions, Europe, Middle East & Africa, Jacobs;

Baroness Brown of Cambridge (Professor Dame Julia King) DBE FREng FRS Chair of STEM Learning ;

Allie Denholm, Headteacher, Heworth Grange School.

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**"Racial Inequality in the UK Science Community"**

Monday 12th October 2020

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Professor Ijeoma Uchegbu, Pro Vice Provost – Africa and The Middle East. Chair in Pharmaceutical Nanoscience, UCL School of Pharmacy;

Professor Rachel Oliver, Professor of Materials Science, University of Cambridge;

Professor Dawn Edge, Professor of Mental Health and Inclusivity, University of Manchester. University Academic Lead for Equality, Diversity and Inclusivity.

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**"Sources, health benefits and global challenges of protein"**

Sponsored by the Nutrition Society

Monday 26th October 2020

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Dr Jorn Trommelen, Assistant Professor, Department of Human Biology, Maastricht University;

Professor Ailsa Welch, Professor of Nutritional Epidemiology, Norwich Medical School, University of East Anglia;

Professor Andy Salter, Professor of Nutritional Biochemistry, School of Biosciences, University of East Anglia.

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**"Preparing for the long-term impacts of COVID-19 on older people"**

Sponsored by the Physiological Society

Monday 9th November 2020

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Alison Giles, Joint Associate Director for Healthy Ageing at the Centre for Ageing Better and Public Health England;

Dr Claire Steves, Clinical Senior Lecturer at King's College London;

Professor Paul Greenhaff, Professor of Muscle Metabolism, Faculty of Medicine & Health Sciences, University of Nottingham.

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**"Global perspectives: How UK and international researchers are working together to tackle COVID-19 across developing countries"**

Sponsored by UKRI

Monday 23rd November 2020

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Professor Helen Fletcher, Director of International Development, UKRI;

Professor Toby Peters, University of Birmingham, leader of a UKRI funded project in Bangladesh to create a blueprint to help ensure that medics can get a COVID-19 vaccine to everyone who needs it across the Global South;

Dr Katherine Gallagher, Assistant Professor of Epidemiology, London School of Hygiene and Tropical Medicine.

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**"Autonomous Transport"**

Monday 7th December 2020

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David Hamson, The Centre for Connected and Autonomous Vehicles;

Kevin Daffey, President, Institute of Marine Engineering, Science and Technology, Director, Marine Systems & Automation, Naval and Marine at MTU (Rolls Royce Solutions);

Nick Valentine, Trials and Experimentation Engineer, Defence Equipment Support, Ministry of Defence; Vice-President IMechE Young Members Board;

Lucy Crane, Senior Geologist at Cornish Lithium.

# Science in Parliament

*The Journal of the Parliamentary and Scientific Committee*

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## Science in Parliament has two main objectives:

- To provide for the scientific community an insight into the information and briefings supplied to Members of Parliament on scientific subjects.
- To keep Members of both Houses of Parliament abreast of developments in science and engineering.

## Published four times a year, each issue includes:

- Authoritative addresses to the Parliamentary and Scientific Committee. Recent addresses have covered issues around Covid - the impact on older people as well as a global perspective, Non-Malignant Cancers, Science Education, Racial Inequality in the UK Science Community, the sources, health benefits and global challenges of Protein and Autonomous Transport.
  - Reports on the activities of the Select Committees on Science and Technology in the House of Commons and House of Lords
  - The Science Directory which is a source of expert advice or impartial opinion on scientific and technological subjects.
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