



PARLIAMENTARY AND SCIENTIFIC COMMITTEE

An All-Party Parliamentary Group



ANNUAL REPORT FOR 2024

This is not an official publication of the House of Commons or the House of Lords. It has not been approved by either House or its committees. All-Party Parliamentary Groups are informal groups of Members of both Houses with a common interest in particular issues. The views expressed in this report are those of the group.

Membership

Parliamentary Membership

House of Lords

Baroness	Andrews	Lord	McNicol
Lord	Austin of Dudley	Lord	Mitchell
Baroness	Black of Strome	Baroness	Neville-Jones
Lord	Boswell of Aynho	Baroness	Nicholson of Winterbourne
Baroness	Brown of Cambridge	Lord	Northbrook
Lord	Clement-Jones	Baroness	Northover
Lord	Craig of Radley	Lord	Oates
Lord	Foulkes of Cumnock	Lord	Rooker
Lord	Fox	Viscount	Stansgate
Baroness	Freeman	Lord	Sterling of Plaistow
Baroness	Greenfields	Lord	Stone of Blackheath
Lord	Griffiths of Burry Port	Lord	Tarassenko
Lord	Hacking	Lord	Taylor of Holbeach
Baroness	Hamwee	Lord	Taylor of Warwick
Viscount	Hanworth	Baroness	Thornton
Professor Lord	Hennessy	Lord	Trees
Baroness	Jones of Whitchurch	Lord	Turnberg
Lord	Joplin	Baroness	Walmsley
Lord	Kakkar	Baroness	Warwick of Undercliffe
Lord	Kirkhope of Harrogate	Lord	Willis of Knaresborough
Lord	Krebs	Professor Lord	Winston
Lord	Lucas	Baroness	Young of Stone
Professor Lord	Mair CBE		
Lord	McColl of Dulwich CBE		

House of Commons

Sadik	Al-Hassan	MP	Rebecca	Long-Bailey	MP
Bob	Blackman	MP	Kerry	McCarthy	MP
Dawn	Butler	MP	Chris	McDonald	MP
Sam	Carling	MP	Chi	Onwurah	MP
Danny	Chambers	MP	Chris	Philp	MP
Ben	Coleman	MP	Steve	Race	MP
Lee	Dillon	MP	Jack	Rankin	MP
Dame Caroline	Dineage	MP	Dave	Robertson	MP
George	Freeman	MP	Sir Alec	Shelbrooke	MP
Dr Allison	Gardner	MP	Jeff	Smith	MP
Mark	Garnier	MP	Karin	Smyth	MP
Pippa	Heylings	MP	Jo	Stevens	MP
Paul	Holmes	MP	Graham	Stringer	MP
Sir Bernard	Jenkin	MP	Lauren	Sullivan	MP
Graham	Leadbitter	MP	Dr Adam	Thompson	MP
Clive	Lewis	MP	Chistian	Wakeford	MP
			Martin	Wrigley	MP

Honorary Members

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

The President, The Royal Society (Sir Adrian Smith)

The President, The Royal Academy of Engineering (Sir John Lazar CBE)

Chief Scientific Advisors:

Government Chief Scientific Adviser
Department for Business and Trade
Department for Culture, Media and Sport
Department for Education
Department for Energy, Security and Net Zero
Department for Environment, Food and Rural Affairs
Department for Levelling Up, Housing and Communities
Department for Science, Innovation and Technology
Department for Transport
Department for Work and Pensions
Department of Health and Social Care
Food Standards Agency
Foreign, Commonwealth and Development Office
Health and Safety Executive
His Majesty's Treasury
Home Office

Professor Dame Angela McLean
Professor Julia Sutcliffe
Professor Tom Crick
Professor Russell Viner
Professor Paul Monks
Professor Anjali Goswami
Professor Richard Prager
Professor Christopher Johnson
Professor Sarah Sharples
Catherine Hutchinson (interim)
Professor Lucy Chappell
Professor Robin May
Professor John Edmunds
Professor Andrew Curran
Jess Glover
Professor Jennifer Rubin

Met Office
Ministry of Defence
Ministry of Justice
National Police Chiefs' Council
National Security
Northern Ireland Executive
Scottish Government
Welsh Government

Professor Stephen Belcher
Professor Tim Dafforn
Hugh Stickland (interim)
Professor Paul Taylor
Professor Danielle George
Professor Helen McCarthy
Professor Calum Semple
Professor Jas Pal Badyal

Life Members

The APPG Officers 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 Advisory Group to recommend such former members for this category.

Lord Broers
Arthur Butler
Tam Dalyell
Dr Brian Iddon
Dr T D Inch OBE
Professor Alan Malcolm
Stephen Metcalfe
Richard Page
R G Sell
Ian Taylor MBE
Dr Desmond Turner
Dr Peter Warren CBE

Individual Members

The APPG Officers 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 Advisory Group to recommend individuals for this category.

Professor John Allen
Dr Andrew Bodey
Rod Breen
Dr Stephen Byard
Dr Stephen James Byard
Roger Casale
Professor Derek J Clements-Croome
Sir Frederick Crawford
Dr William Duncan
Dr John Dudeney OBE
Professor Michael W Elves
Yousef Mohamed Yousef Elzidani
Philip Greenish
Joseph Greaves

Dr Ashley Thomas Lenihan
Professor Sarah Main
Denise McLverty
Professor Virginia Murray
Tom Nicols
Dr Radouane Oudrhiri
Professor Robert Pickard
Professor Dr Mini C Rai
Professor Narender Ramnani
Dr Elizabeth Rollinson
David Slater
Dr Adrienn Tomor
Dr Tobiasz Trawinski
Stephen Turner

Prof Ian Haines
Dr Bryan Hanley
Vernon Hunte
Professor Izzet Kale

Hans Walth
Dr Tony Whitehead
Dr Keith Winters
Doris-Ann Williams MBE

STEM Alumni Members

The Gold, Silver and Bronze Winners of the annual STEM for Britain Competition shall be eligible for membership

Dr Andrea Barbiero
Rosie Barrows
Dr Jose Cabezas Caballero
Dr Nathan Davison
Dr Francisco de Melo Virissimo
Karina De Almeida Lins
Kyle Greenland
Anneliese Hodge
Dr Harry Jarrett
Nidhi Kapil
Max Merrett
Rasma Ormane
Anna Weatherburn
Dr Edwina Yeo

Scientific and Technical Organisations

An organisation or society shall be eligible for election to the Committee as a Scientific and Technical Organisation if the APPG Officers are 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 APPG Officers, 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.

Academy for the Mathematical Sciences	Institution of Engineering and Technology
AIRTO	Institution of Mechanical Engineers
The Alan Turing Institute	Isaac Newton Institute for Mathematical Sciences
Applied Microbiology International	John Innes Centre
Association for Science and Discovery Centres	Kidney Research UK
Association of Management & Professional Staffs	Knowledge Transfer Network
AWE	Linnean Society of London
The Babraham Institute	Liverpool School of Tropical Medicine
Biotechnology and Biological Sciences Research Council	London Mathematical Society
British Antarctic Survey	Medical Research Council
British Geological Survey	Met Office
British Institute of Radiology	Microbiology Society
British Measurement & Testing Association	National Oceanography Centre, Southampton
British Neuroscience Association	National Physical Laboratory
British Pharmacological Society	Natural Environment Research Council
British Society for Animal Science	Natural History Museum
British Society for Antimicrobial Chemotherapy	Noise Abatement Society
The British Society of Soil Science	Nuclear Waste Services
British Society for Immunology	Nuffield Council on Bioethics
British Specialist Nutrition Association Limited	The Nutrition Society
Cavendish Laboratory	The Pandemic Institute
Chartered Institute of Ergonomics and Human Factors	Photonics Leadership Group
Chartered Institute of Forensic Scientists	The Physiological Society
Chartered Institute of Patent Attorneys	Plymouth Marine Laboratory
Clifton Scientific Trust Ltd	Quadram Institute Bioscience
CPI	The Rosalind Franklin Institute
The Daphne Jackson Trust	Royal Academy of Engineering
Diamond Light Source Ltd	Royal Astronomical Society
Economic and Social Research Council	Royal Botanic Gardens, Kew
Engineering & Physical Sciences Research Council	Royal College of Pathologists
Engineering Professors' Council	Royal College of Veterinary Surgeons
Engineering UK	Royal Horticultural Society
Foundation for Science and Technology	Royal Meteorological Society
Foundation for Science, Technology and Civilization	Royal Society of Chemistry
Francis Crick Institute	The Royal Society of Edinburgh
Fraunhofer UK Research Ltd	The Science Council
The Geological Society	Science & Technology Facilities Council
The Ground Forum	Society for Endocrinology
Hazards Forum	Society for Radiological Protection
Health Innovation Network South London	Society for Underwater Technology
Institute of Acoustics	Society of Chemical Industry (SCI)
Institute of Biomedical Science	Society of Cosmetic Scientists
Institute of Corrosion	Society of Dyers and Colourists
Institute of Innovation & Knowledge Exchange	The Royal Society
Institute of Materials Finishing	The Royal Society of Biology
Institute of Mathematics & Its Applications	UK Health Security Agency
Institute of Measurement and Control	UKRI
Institute of Physics	Universities Federation for Animal Welfare
Institute of Physics and Engineering in Medicine	Warwick Manufacturing Group
Institution of Chemical Engineers	Worshipful Company of Engineers

Commercial Members

The APPG Officers 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 APPG Officers 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
AbbVie Ltd
AstraZeneca PLC
British In Vitro Diagnostics Association
The Cosmetic, Toiletry and Perfumery Association Ltd
Dent Associates
Fertility Dietician UK
LGC Ltd
R S Clare & Co Ltd
Trident Sensors Ltd

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 APPG Officers. 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	Liverpool John Moores University
Aston University	London South Bank University
Bangor University	University of Loughborough
University of Bath	Middlesex University
University of Bedfordshire	Newcastle University
University of Birmingham	University of Northampton
University of Bradford	Northumbria University
Brunel University London	Open University
University of Buckingham	Oxford Brookes University
Cranfield University	Plymouth University
University of Derby	University of Portsmouth
University of Dundee	Queen Mary, University of London
Durham University	University of Reading
University of East Anglia	Roehampton University
University of East London	Royal Holloway, University of London
University of Edinburgh	University of Southampton
University of Essex	University of St Andrews
University of Exeter	University of Strathclyde
University of Greenwich	University of Surrey
Harper Adams University College	Teesside University
Imperial College London	University College London

Kings College London
University of Leeds
University of Leicester
University of Liverpool
Liverpool Hope University

Ulster University
University of Warwick
University of Westminster
West London University
University of York

Sixth Form College

The National Mathematics and Science College

Associate Members

The APPG Officers 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 Officers, are in a position to contribute positively to the work of the Committee.

The UK Innovation Science Seed Fund LLP

Parliamentary and Scientific Committee - APPG

Minutes of the Annual General Meeting

Held on Monday 15th April 2024 at 5.00pm

The meeting was Chaired by the Rt. Hon. Caroline Noakes MP

Present: Parliamentary Members

Lord Bassam
Lord Berkeley
Lord Craig of Radley
Viscount Hanworth
Lord Mair CBE
Stephen Metcalfe MP
Carol Monaghan MP
Baroness Neville-Jones
Lord Northbrook
Baroness Northover
Lord Rooker
Viscount Stansgate
Lord Taylor of Holbeach CBE
Daniel Zeichner MP

Present: Non Parliamentary Members

Dr Peter Blair-Fish	Dr William Duncan	Dr Elizabeth Rollinson
Dr Natasha Boulding	Liane Farrer	Liz Rowsell OBE
Professor Dawn Bonfield		
MBE	Olivia Gaitonde	Christina Ruiz Villena
David Bott	Daniel Gardham	Professor Michael Short

Dr Julian Braybrook	Kyle Greenland	Peter Styring
Roger Brown	Professor Ian Haines	Sharon Todd
Sarah Brown	Dr Guy Hembury	Dr Adrienn Tomor
Tim Brundle	Alfie Hoar	Luise Vassie
Gareth Cairns	Mark Hollingsworth	Daphne Vlastari
Charlotte Christison	Paul Jackson	Maciej Walerowski
Dr James Claverley	Tim Julier	Dr Kathryn Walsh
Joseph Clift	Michael Keating	Anna Weatherburn
Gillian Collinson	Harry Kelly	Dr Anne Westcott
Gavin Costigan	John Lowe BEM	Sue Wharton
Muriel Cozier	Jim Monaghan	Michael Williams
Colin Danson	Tom Nicols	Professor Jeremy Woods
Helen Dent	Dr Katie Perry	
Dr John Dudeney	Professor Narender Ramnani	

Leigh Jeffes, John Slater and Karen Smith were in attendance.

1. Welcome and Introduction from the Chair

The Rt. Hon Caroline Nokes welcomed all present to the Annual General Meeting and confirmed that the meeting was quorate.

2. Apologies for Absence - were noted

3 Minutes of the Annual General Meeting held on Tuesday 25th April 2023 had been circulated.

Viscount Stansgate proposed that the Minutes should be accepted, this was seconded by Stephen Metcalfe MP and agreed nem-con by the Parliamentary Members in attendance.

4 Minutes of the Extraordinary Meeting held on Monday 18th March 2024 had been circulated.

Viscount Stansgate proposed that the Minutes should be accepted, this was seconded by Stephen Metcalfe MP and agreed nem-con by the Parliamentary Members in attendance.

**5 The election of Chair and three other officers to the Parliamentary and Scientific Committee
(All- Party Parliamentary Subject Group)**

Stephen Metcalfe MP, Carol Monaghan MP, Chi Onwurah MP and Viscount Stansgate had confirmed their willingness to stand as Officers of the APPG.

Stephen Metcalfe proposed that they should be elected:

Stephen Metcalfe MP - Chair and Registered contact.

Viscount Stansgate - President

Carol Monaghan MP - Officer

Chi Onwurah MP - Officer

This was seconded by Carol Monaghan MP and agreed nem-con by the Parliamentary Members in attendance.

- 6 Income and Expenditure Statement for 2023** - the statement had been circulated together with the Management Accounts for 2023.

A copy of the Statement is available on the Committee's website:

<https://www.scienceinparliament.org.uk/publications/annual-reports/>

Stephen Metcalfe MP proposed that the Income and Expenditure Statement should be approved, this was seconded by Viscount Stansgate and agreed nem-con by the Parliamentary Members in attendance.

- 7 Annual Report for 2023** – the Annual Report had been circulated.

A copy of the Annual Report is available on the Committee's website:

<https://www.scienceinparliament.org.uk/publications/annual-reports/>

Stephen Metcalfe MP proposed that the Annual Report should be approved, this was seconded by Lord Rooker and agreed nem-con by the Parliamentary Members in attendance.

- 8 To approve the Due Diligence Statement in relation to foreign government funding** – the statement had been circulated.

Viscount Stansgate proposed that the Statement should be approved, this was seconded by Stephen Metcalfe MP and agreed nem-con by the Parliamentary Members in attendance.

The meeting ended at 5.08pm.

Addresses and Discussions 2024

See www.scienceinparliament.org.uk for further information

Monday 15 January

Creating healthy, safe and sustainable indoor environments.

held in partnership with The Institution of Mechanical Engineers.

Guest Speakers were:

Dr Alexandra Smyth, Head of Policy - Physical and digital infrastructure, health and resilience, Royal Academy of Engineering

Prof Nicola Carslaw, Professor in Indoor Air Chemistry, University of York

Michael Ralph, Principal Engineer, NHS Scotland Assure

Monday 26 February

The future of battery technologies: Developing a UK sustainable battery industry.
held in partnership with Imperial College.

Guest Speakers were:

Dr Billy Wu, Reader in Electrochemical Design Engineering, Director of Research at the Dyson School of Engineering, Imperial College London

Martin Dowson, Chief Engineer for Electrification, Warwick Manufacturing Group & Electrification Director, High Value Manufacturing Catapult

Dr Valentina Gentili, Vice President of Global Research and Development at Agratas

Monday 4th March**STEM for BRITAIN**

STEM for Britain is a poster competition to showcase scientific research carried out by early career researchers across 5 disciplines of STEM: Chemistry, Biological and Biomedical Sciences, Physics, Mathematics and Engineering and to give members of both Houses of Parliament an insight into the outstanding research work being undertaken in UK universities by early-career researchers.

Monday 15th April

Creating lasting value from science – the policy interventions needed for the UK to build a world-leading industrial strategy that unlocks economic growth, rivals global competitors and delivers skilled jobs

Held in partnership with the Society of Chemical Industry

Guest Speakers were:

Sharon Todd, CEO of SCI

Dr Natasha Boulding, Founder and CEO of Low Carbon Materials

Liz Rowsell OBE, Chief Technology Officer, Johnson Matthey

Daphne Vlastari, Head of Communications and Government Relations, UK & Ireland, BASF

Tiffany Wood, CEO of Dyneval

Tuesday 10th September

'In the next Parliament and beyond, how can engineers contribute to achieving a more sustainable world?'

Held in partnership with the Institution of Chemical Engineering.

Guest Speakers were:

Mark Aspey MBE, President, Institution of Chemical Engineers

Chris McDonald MP

Maddie Dinwoodie, Director for Engagement Programmes, Engineering UK

Nick Starkey, Director of Policy, Royal Academy of Engineering

Tuesday 15th October

'Reuse, Repair or Replace?'

Held in partnership with the Institute of Corrosion.

Guest Speakers were:

Stephen Tate, President Institute of Corrosion
Gareth Hinds, Science Area Leader in the Electrochemistry Group at the National Physical Laboratory
Christian Stone, Loughborough University and Concrete Preservation Technologies Ltd
David Parker, Environmental Consultant
Izabela Gajewska, Corrosion Engineer of Intertek CAPCIS Consultancy Services

Tuesday 5th November

Annual Lunch – Guest Speaker Lord Willetts

Tuesday 12th November

'Can an App deliver positive nutrition and health outcomes?'

Held in partnership with the Nutrition Society

Guest Speakers were:

Professor Philip Calder, University of Southampton
Professor Clare Llewellyn, University College London
Professor Sarah Berry, King's College London and Zoe

Tuesday 3rd December

'How to tackle Contaminants or Emerging Concern (CECs) in water'

Held in partnership with the Royal Society of Chemistry

Guest Speakers were:

Dr Leon Barron, Reader in Analytical and Environmental Sciences, Imperial College London
Professor Tamara Galloway, Professor of Ecotoxicology at the University of Exeter
Tanya Sheridan, Head of Policy and Evidence, Royal Society of Chemistry
Barbara Kasprzyk-Hordern, Professor in Environmental and Analytical Chemistry, University of Bath

Wednesday 11th December

The Christmas Parliamentary Science Reception

Arranged by the Parliamentary & Scientific Committee APPG on behalf of the science and engineering community

The Parliamentary and Scientific Committee is an All-Party Parliamentary Group funded by Membership – for details go to <https://www.scienceinparliament.org.uk/publications/annual-reports/>
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