The British Science Association’s vision is a society in which people are able to access science, engage with it and feel a sense of ownership about its direction. We provide opportunities for people of all ages to discuss, investigate, explore and challenge science, through our annual programme of events and activities.

**PRESIDENT’S FOREWORD**

If I were to ask you to point out precisely where your own liver is, I suspect many of you would struggle.

But in any NHS clinic for a serious illness, you can be sure that every patient sitting in that waiting room could answer the question about the location of their liver with precision, and any other of their organs for that matter. They will also have, almost certainly, mastered a good deal of information about their condition and its treatment, regardless of the level of education they have had.

My point being: non-scientists will comfortably – and, in a short time, confidently – engage with an area of science if it impinges directly on them. And clinicians have learned the value of the informed conversations that follow. They may well make diagnosis easier, or at least quicker. They may enable the clinician to allay the patient’s fears, or to better match treatment to their circumstances.

So I dismiss the ‘deficit model’ of public understanding of science – the idea that non-scientists are empty of scientific content and understanding and must be ‘filled’ with appropriately pre-digested knowledge. Today, I suggest, the public at large is prepared (both in terms of intellectual training and inclination) to engage with science, so long as they can see something in it for themselves.

And of course, since our modern world is so underpinned by science and technology, it ought to be the case that that means they are generally open to engagement with science. If they are not, we need to think about the reasons why.

That is why it has been such a pleasure to have been the President of the British Science Association for the past year. The organisation has taken a step back from its usual day-to-day, and asked these big questions not just about the organisation’s purpose in the science communication sector, but also in society as a whole. It has questioned how it can work better to achieve its aims and objectives, and it has scoped out the current landscape of what does and doesn’t work in public engagement.

The next few years will be an incredibly exciting time for the Association and I look forward to seeing the results of the review in the coming weeks and months. There is a definite place for the Association in the sector, and it is fantastic to see that even the most established organisations are still willing to refresh and evaluate their goals.

**CHAIR’S STATEMENT**

It is an exciting and challenging time for the British Science Association – we have recently completed a period of reflection on what we do, who we serve, and why. This involved in-depth discussion not just with the staff, key stakeholders and audiences of the Association, but also with the wider science community including: industry, learned societies, professional bodies, scientific institutions and academia.

As part of this strategic review we examined our vision and renewed it to reflect what has been at the very heart of the Association since 1831 and how this fits in with the current landscape.

Our vision for the future is one where science is seen as part of – rather than set apart from – culture and society at large.

We want to give more people the opportunity to enjoy, explore, investigate and discuss science. We want to support, grow and diversify the community of people who are interested in and involved in science, technology, engineering and maths; and who contribute to its impact on UK culture, our society and the economy.

To achieve this, the Association will move its focus away from programme-led teams and re-focus on who is most important to us – the public. Now the teams will concentrate on giving more people the opportunity to engage with science, become ambassadors for science, and ultimately to be empowered to challenge and influence British science – whether they are a scientist or not.

My term as Chair of the British Science Association has now come to an end, but it has been a pleasure to see the growth and development of the organisation during the five years I spent at the head of the Council. I wish my successor all the best for the future – they are incredibly lucky to be taking on the role just as the Association embarks on its next chapter.

Finally, I would like to thank all the Trustees and board of the Association, the General Committee, the volunteers around the country and, above all our Chief Executive, Imran Khan and all the staff involved in the strategic review and who will be instrumental in making science a real part of the UK’s culture.
The British Science Festival is the flagship activity of the British Science Association. The Festival aims to bring together the very best in science and science engagement by discussing new research and its impact on society, whilst showcasing science as a part of culture through family activities, drama and comedy. It shines the spotlight on the host city, celebrating the scientific and technological heritage of the area, as well as exploring the current research being undertaken by local academic institutions and industries.

In 2013 we visited the North East, with our hosts Newcastle University and associate partners, Northumbria University and Newcastle City Council.

Festival success
We had over 75,000 attendances, plus 7,349 children who visited the Festival in school groups. We estimate that 19% of visitors came from outside the North East, with 2,470 people staying in Newcastle for at least three days to attend the Festival. Audiences reported that the most enjoyable aspects of the events were the quality of the speakers, the high level of interaction and debate and having the opportunity to learn.

In order to reignite this spirit of debate, we hosted the Huxley debate, “Epigenetics: Hype or hope?” with Tim Spector and George Davey-Smith. The debate was fierce, yet nuanced, with Tim suggesting that epigenetics explains how our bodies adapt to environmental changes that can be passed down through the generations in parallel to Darwinian evolution. George Davey-Smith countered with his theory that epigenetics is limited to single-generation modifications. He argued there is too much hype around epigenetics and that new techniques shouldn’t undermine hundreds of years of genetic research.

Impact
The evaluation for the Festival in 2013 focused on the impact hosting the Festival had on the city and partners. The findings suggested that the Festival in Newcastle had a positive impact on the profile and reputation of Newcastle both in terms of visitor experience and wider perceptions.

- Thirty-one percent of visitors stated their experience had been “much better than expected”
- Ninety-three percent felt that the Festival’s impact on the reputation and profile of Newcastle was “extremely positive” or “good”.

The Festival established a strong brand presence in the city, which helped establish a festival atmosphere and raise awareness of the event and as a consequence, it is estimated that almost one-third of visitors to the Festival were new audiences.

Media coverage was strong once again with:
- 210 pieces of national
- 289 pieces of regional
- 6 pieces of international print media coverage
- 169 pieces on radio
- 20 pieces on television
- 574 pieces of online coverage on UK websites.

During the Festival the BSF Facebook site increased its ‘likes’ by 10% and many popular posts were seen by over a thousand people. On Twitter, the Festival increased its followers by almost 500 people, resulting in 7,151 followers by the end of the Festival.

Festival attendees

| 1,268 pieces of media coverage |
| 93% |

felt that the Festival’s impact on the reputation and profile of Newcastle was ‘extremely positive’ or ‘good’
National Science & Engineering Week (NSEW) is an annual 10-day celebration of science, technology, engineering and maths that aims to inspire and support teachers, scientists, engineers, science communicators and the general public to produce and attend science and engineering events across the UK. Anyone can organise events and activities, the topics on which they focus or the audiences and venues; this ensures that the resulting programme is an eclectic mix suitable for all.

National reach on a local scale
We estimate that over 1.2 million people across the UK took part in NSEW 2014 via public events, private activities and national projects. We support grassroots events by providing friendly support and free resources, such as free online how-to guides, quizzes and activity packs – our activity packs alone were downloaded over 55,000 times this year. We work with partners to develop and promote national projects, such as the first National Demo Day, which reached an estimated 56,000 students, and Flusurvey, which engaged over 4,300 people. Our national PR campaign included lifestyle features and event stories, media coverage of which amounted to a value of over £1 million.

Lasting impact
NSEW events are diverse in terms of formats, topics and audiences. This national celebration engages people who may otherwise not attend science events; on average, public event attendees had visited either none or one other science or engineering event in the past 12 months. Ninety-three percent said they would attend another NSEW event in the future and 91% said they had learnt something new. On average, students gave the NSEW school event they attended a “star rating” of 4.3 out of 5 and 63% said that the NSEW event/activity increased their interest in science, technology, maths or engineering.

Future
Moving forward, NSEW will continue to increase interest and knowledge of science, technology, engineering and maths by developing new resources, supporting event organisers and by working with new regional and national partners. For 2015 we will also provide new national engagement projects and competitions for schools, families and the general public. We will strive to continue to fulfil our core values: community, participation, support and diversity.

Coding for all
In response to the underrepresentation of women in computer science, particularly black women, Community Perspectives ran “Girls, Learning Code”, a day-long computer programming workshop for black and minority ethnic (BME) girls aged 7-16 in inner-city Birmingham.

Working with researchers and STEM Ambassadors from the University of Birmingham, the event introduced the girls to computer science, programming and technology careers through an activity where they designed a game.

This inspiring event won our 2014 NSEW Community Event Award.

"[The students] were focused and engaged with the topics, learnt lots of new skills and were inspired to explore new areas of science.”

Amy Monaghan, event organiser, A Whole New World, Simmondley Primary School

"This is great – I want to be an engineer!"

Secondary school student, Lifting Aspirations and Accessing Engineering, M Shed Museum Bristol

200m+

audience for print and broadcast coverage

1.2m

participants

55K

free activity packs downloaded
The Science in Society (SiS) team run a number of small-scale, in-depth activities with three main audiences: researchers, the science communication community and non-experts. The programme develops researchers’ skills in public engagement and communication to increase the number and quality of the activities that they do. SiS share good practice among the science communication community and also organise public events to bring science to different audiences in a way that matters to them.

Media Fellowships
Ten practising scientists are invited to work as journalists for a few weeks at media outlets such as the BBC and The Times. The Media Fellowships help bridge the communication gap between scientists and journalists and develop scientists’ communication and public engagement skills. In 2013, the Media Fellows wrote 192 articles, six blogs and contributed to 40 radio shows/podcasts and two TV programmes.

Engineers: engage!
SiS trained and mentored engineers from Thames Tideway Tunnel, Atkins, DNV GL and Buro Happold to develop their public engagement programmes. The engineers have engaged families and students in exciting events held in Bristol, Bath and London during National Science & Engineering Week. They will share their learning with the wider engineering community in a guide due to be published in November 2014.

Training scientists in communication skills
Quality public engagement activities can only occur if those who deliver them have the right set of skills. That is why SiS build capacity within the scientific community by training them in public engagement and communication skills. This year we have had a threefold increase in workshops delivered, a reflection of both the market demand as well as our established reputation.

Public Attitudes to Science Survey
The SiS team partnered with Ipsos MORI to deliver the 2014 Public Attitudes to Science Survey, funded by the Department for Business, Innovation and Skills (BIS). We published 17 blog posts from guest authors and provided four scientists to join the Day of Discovery, a day to find the best ways for the public to become more engaged with science, and to generate new ideas for scientists and policy makers to connect with the public.

Results included:
• Scientists and engineers are highly respected but people still do not know much about how scientists work
• Science is increasingly seen as important to the economy and the public widely support continued Government funding for science
• The public think it is important for them to know about science and want to hear more from scientists, Government and regulators.

Science Communication Conference
The 12th annual Science Communication Conference took place in May 2014 at the University of Surrey, Guildford. This two day event aims to share best practice by bringing together people from across the science communication field. Over 300 people attended, including both seasoned sci-commers and those who are new to the sector. The team worked closely with our partners, the Wellcome Trust, to create an exciting programme including sessions on women in science, science policy and engaging under-served audiences.

“Everything was very clearly presented. It made communicating science seem much more accessible and less daunting – I feel much more confident”
Communicating your science workshop attendee, March 2014

“There was a good range of topics discussed, from reaching under-served audiences to science comedy to the gap between science communication theory and practice and several conversations I wish could have lasted longer. Thanks once again to everyone involved for putting on a great Conference, and I hope to see lots of you again soon.”
Science Communication Conference Delegate
The Regions and Branches team support a UK-wide network of volunteers who deliver a wide array of events to engage and inspire the public with science and engineering.

The backbone of our branches are our 340 volunteers, without whom our programme would cease to exist. Our 32 branches spread across the UK deliver events that stimulate and facilitate debate; demonstrate that science is accessible to all; place scientists in direct contact with the public; deal with scientific issues relevant to local communities and importantly represent the Association at a local and regional level.

**Vital volunteers**

The Regions and Branches approach has been multi-faceted: from delivering a diverse array of events, to inspiring people to become involved with science. Our branches engage with people through a variety of informal settings, and by doing so, challenge the public to re-think science.

We consider our volunteers an important and valuable part of the Association’s future. Our priorities are to support branches to be self-sustaining and innovative by providing training opportunities in order to recruit and retain their volunteers. We also work with them to develop and deliver exciting new events and activities for a range of audiences in their local communities.

The British Science Association West Scotland Branch held a very successful “Middle of Scotland Science Festival” (MossFest) in the rural Perthshire village of Crianlarich. MossFest aimed to reach out to locals and visitors alike, with events spread across a weekend.

“We had a great mix of activities: exhibitions, hands-on workshops, lectures, quizzes and demonstrations, covering astronomy, physics, biology, chemistry, electronics...” said West Scotland Branch chair Professor Martin Hendry. “Our core funding from the British Science Association and the Scottish Government helped us deliver more than 30 activities across seven venues, including the Village Hall, Parish Church, Station Tea Room and Youth Hostel.”

As an astrophysicist and lifelong Star Wars fan, a major highlight for Martin was a screening of “Star Wars Episode IV” on May the 4th at the Crianlarich Hotel. “It was great to see young and old enjoying the movie on Star Wars Day”, said Martin. “The Hotel really helped us make it a special occasion, and even laid on Star Wars themed food and drink for the evening!”

All in all, the events attracted a total audience of about 1000 people over the three days. “While the weather could have been better”, said Martin, “and the dreaded midges were out in force, it was great to share a weekend of science with so many people against a backdrop of stunning rural scenery.”

“Tonight’s SciScreen is all about genetic modification. And about a man who got superpowers from being bitten by a spider. A bit of action and a bit of science: Great way to finish your Easter weekend!”

Nico Kronberg, Edinburgh Branch

**MossFest: sciences and midges**

people attended our 276 branch events across the UK in 2013-2014

combined Facebook likes

combined Twitter followers
Our Young People’s Programme is formed of CREST Star and CREST Awards – the British Science Association’s range of science, technology, engineering and maths (STEM) enrichment activities that aim to inspire and engage 5-19 year olds.

CREST Awards
Over 31,000 young people achieved a CREST Award during 2013. The Awards recognise 11-19 year olds’ creative extra-curricular STEM projects by facilitating links with scientists and engineers, who mentor the young people throughout their project. Alongside UCAS endorsement, completed CREST Awards can now be put towards a Duke of Edinburgh’s Award via the skills section. Support from the Department for Education has enabled us to offer targeted support to schools that serve disadvantaged communities, alongside support from the Welsh Government, the Minerals Products and Qualifications Council, BP and Saudi Aramco.

CREST Star
In autumn 2013, CREST Star moved to an online system which has proved incredibly successful, with over 500 schools and individuals signing up prior to March 2014. The engaging hands-on activities are designed for teachers and parents to do with their primary-aged children. Practical Action, the Worshipful Company of Horners and Ernest Cook have contributed resources to the scheme, which the Welsh Government is supporting the translation of. A partnership with the British Council through their Connecting Classroom’s initiative led to us being part of the new EU Comenius project entitled MARCH ‘MAking science Real in sCHools’. We are also pleased to have the support of URENCO for CREST Star.

Alumni and Youth Panel:
Valuing young people’s perspectives
In recent years, the CREST Alumni and Youth Panel have provided valuable mechanisms to stay in touch with CREST Awardees. The CREST Alumni and Youth Panel offer further opportunities for young people to develop their passion for science, whilst providing a forum for young people to voice their opinions on the scheme and other broader STEM developments.

This year, our Youth Panel provided input to a report by Science is Vital, regarding the Government’s planned budget changes for 2013 during the biannual Youth Panel meetings. At the end of March 2014, the Alumni had over 1,000 members.

Case study:
Westminster City School was one of the first pilot schools for the CREST Discovery Award in autumn 2012. This new offering has been the catalyst for STEM project work in their school. They went on to repeat the CREST Discovery Community Garden Challenge with a second group of students in summer 2013 and have since embedded this approach to STEM for the following academic year.

Teachers, Miss Michaela Forsyth and Mr Jack White commented, “Our students loved the challenge that the CREST Discovery Award brought and the chance to work independently or as a team. Our students were highly successful in meeting the demands of the challenge and even surprised staff with their ingenuity.”

31k of the finalists for the National Science + Engineering Competition in 2014 had completed a CREST Award

68% of the young people achieved a Discovery, Bronze, Silver or Gold CREST Award during 2013

500+ schools and individuals joined CREST Star via our new online membership portal by March 2014

“Because of the CREST Award, I was granted an interview at Pfizer for a year-long placement. The interviewers were really impressed with all the work I had to show for four weeks of placement and gave me the job the next day.”

Kate Launder, 2010 CREST Awardee and Alumni member
The National Science + Engineering Competition celebrates the achievements of young scientists and engineers from across the UK. The 2013/14 Competition surpassed all previous records with nearly 4,000 young people, aged 11-18, entering over 1,500 team or individual projects.

The Competition celebrated the breadth of the UK’s science and engineering talent: with projects featuring clothes grown out of bacteria; a home-built arcade machine; graphene modelling and a 3D printer.

Around the country Young people showcased their project work to judges at 12 heats held at The Big Bang Near Me Fairs, across the UK in June and July 2013 or by submitting their work online. The best projects were invited to the National Finals.

National Finals Nearly 200 projects were showcased to over 75,000 people, aged 11-18, entering over 1,561 projects in total.

The winners said: “We’re so excited to have won and it’s definitely a bit of a shock. It’s a really big role to fill and an important one but we’re very happy to be doing it. Hopefully, it will encourage other people, especially girls, to get involved and get into science. We’re only 18 and you never think of 18 year olds doing cancer research.”

Sir Tim Hunt, Nobel Prize winner, biochemist and one of the judges of the Young Scientist of the Year award, said: “We were all charmed by Ameeta and Aneeta. Their grasp of what they were doing and the ease of their understanding of such a complex project was truly impressive. They are a great partnership and are truly deserving of being named this year’s Young Scientists of the Year.”

The Competition has increased my confidence and has strengthened my passion for science.”

Ruth Tulloch, 16, Alva Academy

UK YOUNG ENGINEER OF THE YEAR

Rebecca Simpson, 19, a former pupil of Dame Alice Owens School, was named UK Young Engineer of the Year. She impressed judges by building and coding an arcade machine to help young people revise STEM subjects.

UK YOUNG SCIENTIST OF THE YEAR

Twins, Ameeta and Aneeta Kumar, 18, from the Abbey School, were named the UK Young Scientists of the Year. They won the title for their project in which they studied the possibility of developing an early diagnostic cancer tool, which could ultimately reduce deaths caused by late diagnosis. The twins were featured on BBC Breakfast, Radio 4’s Today programme and on the BBC World Service.

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Ruth Tulloch, 16, Alva Academy
The summarised financial statements are not the statutory accounts but a summary of information relating to the statement of financial activities and the balance sheet derived from the full audited trustees’ report and financial statements of the charity, which were approved by the board of trustees on 25 June 2014. The auditors’ statement as prescribed by the Charities Act 2011 was unqualified. Copies of the full annual financial statements will subsequently be filed with the Charity Commission, and the Office of the Scottish Charities Regulator. These summarised financial statements may not contain sufficient information to gain a complete understanding of the financial affairs of the charity. The full audited trustees’ report and financial statements are available on our website www.britishscienceassociation.org or may be obtained on application to our London office.

Valerie Marshall, Treasurer
14 August 2014

Independent auditors’ statement to the trustees of the British Association for the Advancement of Science.

We have examined the summarised financial statements of The British Association for the Advancement of Science for the year ended 31 December 2013 which comprise the extracts from the Statement of Financial Activities and the Balance Sheet set out on page 17.

This statement is made solely to the trustees, as a body in order to meet the requirements of Accounting and Reporting by Charities: Statement of Recommended Practice revised 2005. Our work has been undertaken so that we might state to the trustees those matters we have agreed to state to them in this statement and for no other purpose. To the fullest extent permitted by law, we do not accept or assume responsibility for anyone other than the charity’s trustees as a body, for our work, for this statement, or for the opinions we have formed.

Respective responsibilities of trustees and auditor

The trustees are responsible for preparing the summarised financial statements in accordance with the requirements of the Charities Act 2011 and regulations made thereunder and recommendations of the Charities Statement of Recommended Practice.

Our responsibility is to report to you our opinion on the consistency of the summarised financial statements on page 17 within the Annual Review with the full financial statements and trustees’ report and its compliance with the relevant requirements of the Charities Act 2011 and the regulations made thereunder. We also read the other information contained in the Annual Review and consider the implications for our report if we became aware of any apparent misstatements or material inconsistencies with the summarised financial statements.

Basis of opinion

We conducted our work in accordance with Bulletin 2008/3 ‘The auditors’ statement on the summary financial statement’ issued by the Auditing Practices Board for use in the United Kingdom. Our report on the full annual financial statements for the year ended 31 December 2013 describes the basis of our opinion on those financial statements.

Opinion

In our opinion the summarised financial statements set out on page 17 are consistent with the full financial statements and the Trustees’ Report of British Association for the Advancement of Science for the year ended 31 December 2013 and complies with the relevant requirements of the Charities Act 2011 and regulations made thereunder.

We have not considered the effects of any events between the date on which we signed our report on the full annual financial statements (11 August 2014) and the date of this statement.

Mazars LLP
Chartered Accountants and Statutory Auditors, Times House, Thorney Way, Sutton, Surrey SM1 1AQ. 14 August 2014

Statement of Financial Activities

<table>
<thead>
<tr>
<th>Unrestricted funds (£)</th>
<th>Restricted funds (£)</th>
<th>Total 2013 (£)</th>
<th>Total 2012 (£)</th>
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<td><strong>INCOMING RESOURCES</strong></td>
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<td>Income from voluntary</td>
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<td>Income from charitable</td>
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<td><strong>TOTAL</strong></td>
<td>2,240,537</td>
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<td><strong>INCOME</strong></td>
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<td><strong>TOTAL</strong></td>
<td>2,240,537</td>
<td>5,266,403</td>
<td>7,516,936</td>
</tr>
</tbody>
</table>
The 16 Scientific Sections of the British Science Association are at the very heart of the Festival. Since the first days of the Association, the Scientific Sections have provided original and inventive content for the Festival and have been called upon by the Association as experts on topics in their respective scientific disciplines.

Our Sections are run on an entirely voluntary basis. Section members volunteer their time with the public in order to share their scientific expertise and inspire others to engage with scientific research and the excitement of discovery. In turn, the Section members help the British Science Association achieve its aims and share our vision and aims.

Section committees range from a small number of individuals to larger committees including representatives from learned societies and research councils. Each Section committee is chaired by a nominated Recorder. To volunteer to become a Section member, all that is needed is expertise in the Section’s scientific discipline and a desire to help the Association achieve our aims and vision through creating exciting and innovative events.

The British Science Association would very much like to extend our thanks to the 16 Sections, for all the hard work carried out by members.

**THE SECTIONS**

- Agriculture and Food
  - Nicola Stock
- Archaeology and Anthropology
  - Victoria Park
- Biological Sciences
  - Penny Fletcher
- Chemistry
  - Stephen Ashworth
- Economics
  - David Dickinson
- Education
  - Elie Donnett
- Engineering
  - Colin Wilkinson
- General
  - Susan Watt
- Geography
  - Richard Water
- Geology
  - Jo Wright
- History of Science
  - Rob Jenkins
- Mathematical Science
  - Peter Giblin
- Medical Science
  - Andy Holding
- Physics and Astronomy
  - Kate Lancaster
- Psychology
  - Rob Jenkins
- Sociology and Social Policy
  - Rob Meadows

**OUR AFFILIATES**

The British Science Association is proud to have a strong network of affiliates including universities, companies, research councils, professional societies, science centres, charities and a range of other organisations who all share our vision and aims.

Aberystwyth University
- Academy of Medical Sciences
- Anglia Ruskin University
- Aston University
- Biochemical Society
- British Psychological Society
- British Society for Immunology
- British Sociological Association
- Cardiff University
- Centre for Life
- City of Westminster College
- Edinburgh Napier University
- Geological society
- Graphic Science
- James Hutton Institutes
- John Innes Centre
- Keele University
- London Mathematical Society
- National Museums Scotland
- Natural History Museum
- Nutrition Society
- Mineral Products Qualifications Council
- Our Dynamic Earth
- Physiological Society
- Prospect
- RCUK
- Robert Gordon University
- Royal Academy of Engineering
- Society for General Microbiology
- The British Library
- The Society of Professional Engineers
- University College London
- University of Aberdeen
- University of Bath
- University of Birmingham
- University of Brighton
- University of Cambridge
- University of Durham
- University of Huddersfield
- University of Leeds
- University of Leicester
- University of Liverpool
- University of Newcastle
- University of Portsmouth
- University of Surrey
- University of Westminster
- University of York

**COUNCIL & GENERAL COMMITTEE**

All Council members also sit on General Committee

**COUNCIL**

Chair
- Professor Dame Julia Goodfellow
  - DBE, CBE, FMedSci, Hon. FBA, ASC
- President
  - Professor Lisa Jardine
  - CBE
- President Elect
  - Sir Paul Nurse
- Past President
  - Lord Krebs
  - Kt MA DPHIL, FRs, FMedSci
- Treasurer
  - Valerie Marshall
- Vice-President
  - Revd Professor Michael Reiss
  - MA, PhD, PSCE, MBA, FHEA
  - Vivienne Parry
  - OBE, BSc
- Appointed Members
  - Professor Lord Robert Winston
  - Hon FRsep, FMed Sci, OSt, Hon. FBA, ASC
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