

# Annual Review

## July 2013 to June 2014

After a year packed with CaSE achievements, it's enjoyable to reflect on a few highlights.

July 2013 brought the spending review for 2015/16 during which CaSE highlighted the widening research funding gap with our international competitors. The CaSE Science and Engineering debate in October 2013 was a great platform for political debate and was enjoyed by the whole community. In the new year, CaSE published two reports: 'The Economic Significance of the UK Science Base' and 'Improving Diversity in STEM'. They were well received and opened doors for us to engage more closely than ever before with No. 10, Treasury, DfE and BIS as well as government and shadow science ministers from the major political parties.

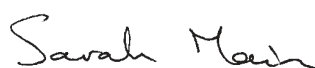
It has been a real pleasure working closely with our members over the last year. We have met with many of you, both individually and through our Opinion Forum series. This series of discussions has been invaluable in helping us to develop positions on our three key policy areas: research funding, education and skills, and scientific advice in policy-making. We will distil these discussions into briefings to use in our political engagement, setting out the actions the sector would like taken in the next term of Parliament.

The year ahead will bring national events that will impact upon the science and engineering community. These include the Scottish referendum, publication of the government's Science and Innovation Strategy, the General Election and, most likely, a comprehensive spending review for the next term of Parliament. We will champion science and engineering, providing information, careful analysis, and robust evidence. We will create platforms for public debate between political parties on their science and engineering policies.

We are looking forward to influencing political thinking at the highest level by making a robust and convincing case for science and engineering to be placed at the heart of the next Government's ambitions for the UK.



Professor Hugh Griffiths FREng  
**Chairman**



Dr Sarah Main  
**Director**



*CaSE Science and Engineering Debate, October 2013, (L-R), David Willetts MP (Conservative Science Minister), Dr Julian Huppert MP (Liberal Democrat scientist), Dr Sarah Main (CaSE Director), and Liam Byrne MP (Labour Shadow Science Minister).*

### Year at a Glance

- **Total research budget rise to £5.9bn over period 2010 — 2015**
- **£1.1bn capital spending by Government per year to 2020**
- **Reports published on 'The Economic Significance of the UK Science Base' and 'Improving Diversity in STEM'**
- **CaSE Science and Engineering Debate held between the main political parties**
- **CaSE Annual Lecture given by EU Chief Scientific Advisor**
- **Meetings with No 10 Downing Street, HM Treasury, and the Department for Business, Innovation, and Skills**
- **Opinion Forums held on immigration and scientific advice in policy-making**
- **Responded to inquiries on science A-levels, international students, capital, and business-university collaboration**
- **Increased engagement with members; 100 meetings and 25,000 followers on Twitter**

## Political Engagement

- CaSE met with the Universities and Science Minister, the Labour Shadow Science Minister, and the Liberal Democrat science spokesperson. CaSE also attended all three main Political Party Conferences.
- CaSE brought together the science spokespeople from the main political parties to debate the future direction of UK science and engineering. The event was hosted by the Royal Society, attended by over 300 guests, and chaired by the BBC Science Correspondent.
- CaSE fed into Labour's science and innovation green paper, ahead of the 2015 General Election and organised a number of roundtable events between CaSE members and the Shadow Science Minister.
- CaSE met with the Director of Research Funding at the Department for Business, Innovation and Skills (BIS), officials from HM Treasury, the Department for Education, and the Deputy London Mayor's office.
- CaSE met with the Chairs of the House of Lords and Commons Science & Technology (S&T) Committees.

## Devolved Nations

- CaSE attended parliamentary science events and met with members in Edinburgh, Cardiff and Belfast. CaSE's Director also met with the Chief Scientific Advisors for both Scotland and Wales.

## Europe

- Ahead of the 2014 EU elections, CaSE wrote to all political parties, asking them to set out their EU science and engineering policies. We then published the responses, alongside a briefing on UK and EU investment in science and engineering.
- The EU Chief Scientific Advisor, Professor Anne Glover, gave the 2013 CaSE Annual Lecture, hosted by the Zoological Society of London (see opposite).
- CaSE also met with the Director General of Research & Innovation at the European Commission.

## Innovation

- CaSE responded to the Commons BIS Committee inquiry into Business-University Collaboration, and contributed to the BIS Catapult Consultation.
- CaSE co-signed a letter to the Commons Public Bill Committee regarding the draft Intellectual Property Bill.
- CaSE welcomed the announcement made by the Government in the 2013 Autumn Statement to publish a Science and Innovation Strategy in 2015.

## Funding Science and Engineering

- A new report for CaSE, 'The Economic Significance of the UK Science Base', was published in May 2014, examining the economic impact of public investment in the UK science base. The report's findings were discussed at an Opinion Forum event, hosted by BIS and attended by the Science Minister, and will help inform manifesto recommendations for the 2015 General Election.
- CaSE welcomed the Government's increase in the total research budget to £5.9bn over the period 2010-15, but warned that inflation will erode this investment by £1.1bn by 2015/16. CaSE also responded to the 2014 Budget and published a briefing ahead of the 2013 Autumn Statement.
- CaSE welcomed the Government's commitment to invest £1.1bn per year in capital up to 2020/21, but called on them to set out principles for investment and to tie capital with resource, both in a joint response with the Science Council to the BIS Capital Consultation, and by writing to the Science Minister.
- CaSE responded to the Government's annual SET statistics, warning that the UK remains in the bottom half of G7 nations for R&D spending, and urged the Government to put science at the centre of growth.
- Building on research in 2012, analysis by CaSE found that Government departments have cut their R&D budgets to their lowest levels in ten years. This analysis received coverage in *The Financial Times* and *Research Fortnight*.
- CaSE also expressed concerns in the media over proposed cuts to the Food and Environment Research Agency, and the Royal Botanic Gardens in Kew.



*The CaSE Annual Lecture 2013, given by the EU Chief Scientific Advisor Prof. Anne Glover (R), alongside CaSE Director Dr Sarah Main (L), and CaSE Chair Prof. Hugh Griffiths (C).*

## Education and Skills

- CaSE welcomed Government plans to protect funding for apprenticeships and high cost STEM subjects, as well as programmes to widen participation.
- CaSE responded to Ofqual's consultation into science A-levels. Following Ofqual's decision to remove practical experiments from final A-level marks, CaSE lobbied on the issue, appearing before the Commons S&T Committee, and co-signing a letter to *The Times*.
- CaSE also responded to Ofsted's report on science education in schools, and the PISA 2013 survey results.

## Diversity Agenda

- CaSE published its report 'Improving Diversity in STEM', setting out actions to improve diversity, from education to the workforce. Members and collaborators fed into the draft report at our Opinion Forum, hosted by King's College London. The launch of the report received coverage in *The Times*.
- The report's findings will inform manifesto recommendations for the 2015 General Election, and CaSE met with the Number 10 Policy Unit and the Deputy Prime Minister's office to discuss the report.
- CaSE responded to the Commons S&T Committee inquiry into Women in Scientific Careers.

## Immigration

- CaSE held an Opinion Forum on UK immigration policy, hosted by the law firm Fragomen. The event brought together over 40 CaSE members and collaborators with the Home Office to discuss on-the-ground experiences and help inform our manifesto recommendations for the 2015 election.
- CaSE also responded to the Lords S&T Committee inquiry into international STEM students.

## Scientific Advice in Policy-Making

- CaSE organised an Opinion Forum, hosted by the British Library, bringing together key figures from across government, parliament and the scientific community, to discuss scientific evidence in policy-making. Along with CaSE member survey responses, the discussion from the roundtable will inform manifesto recommendations for the 2015 election.
- CaSE met with the Government Chief Scientific Advisor (CSA), and the Government Office for Science.
- CaSE used a Freedom of Information request to highlight a lack of departmental consultation with their relevant CSAs over changes to R&D budgets.

## Membership and Engagement

- Our policy work has been shaped by engaging with the whole science and engineering sector — in the last year we've held over 100 meetings with organisational members, as well as collaborators, and the media.
- CaSE held a discussion roundtable with members and collaborators in December 2013, to share our plans for the 2015 General Election and gain an awareness of what others are doing.
- CaSE has attended over 70 events and given numerous presentations, including to the University of Sussex, Scottish Deans of Science, University College London, Scientists for Labour, Bath Royal Literary and Scientific Committee, and the UK Science Park Association.



*CaSE staff (L-R), Jenni Lacey (Membership Engagement and Development Manager), Naomi Weir (Assistant Director), Dr Sarah Main (Director), and Nick Hall (Operations and Comms Manager)*

## Communications

- CaSE commented in the media more than 60 times over the last year, including on the proposed takeover of pharmaceutical company AstraZeneca by Pfizer, and the need for a strong UK pharmaceutical industry.
- The CaSE website covers all our work and hosts guest articles by members and others including the Royal Academy of Engineering, Research Councils UK, and Women in SET (WiSET). The website received over 95k visitors last year: [www.sciencecampaign.org.uk](http://www.sciencecampaign.org.uk).
- CaSE's monthly e-bulletin, giving a summary of all our activities, is sent out to nearly 3.5k contacts and rising. You can sign up via our website.
- In the last year our Twitter followers have grown from 16k to 25k, further expanding the reach of CaSE's work. Follow us at: [@sciencecampaign](https://twitter.com/sciencecampaign).

## Organisational Summary

### ■ New CaSE Assistant Director

Naomi Weir joined CaSE as the new Assistant Director in November 2013. Naomi formerly worked as Senior Policy Analyst at University Alliance. She replaced Beck Smith, who has taken up a position with the Labour Shadow Treasury Minister.

### ■ New CaSE Membership Manager

Jenni Lacey joined CaSE as the new Membership Engagement and Development Manager in June 2014. CaSE also said goodbye to Member Liaison Dave Hawksett and we thank him for all his work.

### ■ Sponsorship and Hosting

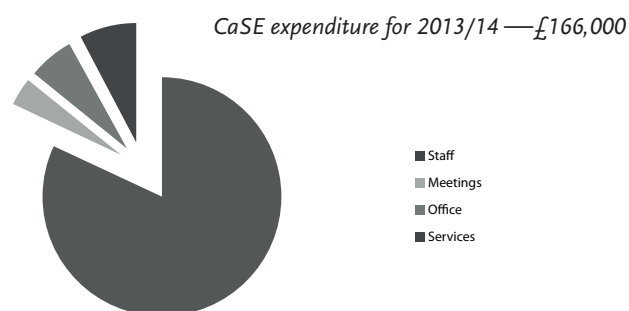
CaSE would like to thank The Zoological Society of London for hosting our 2013 Annual Lecture. Many thanks also to The Royal Society, The Physiological Society, King's College London, Fragomen LLP, The British Library, The Wellcome Trust, and BIS for hosting our events.

### ■ Interns

Our thanks to Dr Ed Blandford for his work as our Administrative and Communications Intern.

### ■ Finances and Staffing

CaSE is a lean organisation which operates with four members of staff and provides exceptional value for money for members. Our income was £166,000 and our expenditure £140,000 for 2013/14. CaSE is never limited by the scale of its ambition, but only by its resources.



## Organisational Members

### Companies

Airbus  
AstraZeneca  
BASF  
Bayer  
Crocotta R&D  
Electroimpact  
GlaxoSmithKline  
Google  
Johnson Matthey  
Norwich Research Park  
Optimise Oil and Gas  
Oxford Instruments  
Rolls-Royce  
Wiley-Blackwell

### Learned and Professional

BCS – The Chartered Institute of IT  
The Biochemical Society  
The British Ecological Society  
The British Library  
The British Machine Vision Association  
The British Pharmacological Society  
The British Psychological Society  
British Society for Immunology  
Engineering Professors' Council  
Experimental Psychology Society  
The Genetics Society  
The Geological Society

Heads of Chemistry UK  
Institute of Physics  
The Institute of Physics and Engineering in Medicine  
The Institution of Chemical Engineers  
The Institution of Engineering & Technology  
The Institution of Mathematics and its Applications  
Institution of Mechanical Engineers  
London Mathematical Society  
National Farmers' Union  
The Physiological Society  
Prospect  
Royal Astronomical Society  
The Royal Pharmaceutical Society  
Royal Statistical Society  
The Royal Society of Chemistry  
Society for Applied Microbiology  
Society for Experimental Biology  
Society for General Microbiology  
Society of Biology  
Society of Chemical Industry  
The UK Deans of Science  
Zoological Society of London

### Universities and Institutes

Aberystwyth University  
Brunel University  
Cardiff University  
Heriot-Watt University  
King's College London  
Kingston University  
Lancaster University  
London Metropolitan University  
London School of Hygiene and Tropical Medicine  
London School of Pharmacy  
Loughborough University  
Newcastle University  
Plymouth University  
Queen Mary, University of London  
Queen's University Belfast  
Royal Holloway  
Sheffield Hallam University  
The John Innes Centre  
The Open University  
University College London  
University of Aberdeen  
University of Birmingham  
University of Bradford  
University of Brighton  
University of Bristol  
University of Cambridge

University of Dundee  
University of Durham  
University of Edinburgh  
University of Essex  
University of Exeter  
University of Glasgow  
University of Hertfordshire  
University of Kent  
University of Leeds  
University of Leicester  
University of Liverpool  
University of Manchester  
University of Northampton  
University of Nottingham  
University of Oxford  
University of Sheffield  
University of Southampton  
University of St Andrews  
University of Strathclyde  
University of Surrey  
University of Ulster  
University of Warwick  
University of Westminster

### Charities

Association of Medical Research Charities  
Cancer Research UK  
Wellcome Trust

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