

Research culture: changing expectations

The Royal Society, 6-9 Carlton House Terrace, London SW1Y 5AG, 29-30 October 2018

Agenda

Monday 29th October 2018

- 9.15am **Registration and refreshments**
- 10.00am **Welcome from the Society**
Sir John Skehel FRS FMedSci, Biological Secretary and Vice-President of the Royal Society
- 10.05am **How the conference is going to work**
Professor Mark Miodownik FEng, University College London
- 10.15am **Plenary 1: Changing research culture**
Professor Dame Julia Slingo DBE FRS
- 10.35am **Panel Session 1: What are the key features of a future ideal research culture?**
Chair: Professor Georgina Mace DBE FRS, University College London
Dr Eugenia Cheng, Scientist in Residence, School of the Art Institute of Chicago
Dr Heide Hackmann, The International Council for Science, Executive Director
Dr Richard Massey, Royal Society URF, University of Durham
Dr Adam Rutherford, BBC, Broadcaster, Scientific Writer, Comedian and Presenter
- 11.35am **Inspiring ideas 1: Diversity in organisations and ways it can be improved**
Professor Susan Wessler ForMemRS, Home Secretary, National Academy of Science
- 12.05pm **Working group session 1: What does an ideal future look like?**
- 12.55pm **Lunch**
- 1.45pm **Lightning talks**
Encouraging open science
Professor Marcus Munafò, University of Bristol
Flexible working and role modelling
Andrew Smyth, Rolls Royce and previous Great Bake Off contestant
Creating a strong supportive work environment
Professor Leanne Hodson and Pippa Gunn, University of Oxford
Recognition of women in STEM
Dr Jess Wade, Imperial College
Recognition of a range of individuals in the system
Fergus Brown, Head of HR, College of Medical, Veterinary and Life Sciences, University of Glasgow
- 3.00pm **Plenary 2: The performance of the collective and the success of UK Sport**
Liz Nicholl CBE, Chief Executive, UK Sport
- 3.20pm **Break**

3.40pm **The Pitch – competition final**

Judging Panel

Chair: Professor Dame Wendy Hall DBE FRS FREng, Professor of Computer Science in Electronics and Computer Science, Director of the Web Science Institute, University of Southampton

Rebecca Endean, Director of Strategy, UK Research and Innovation

Dr Steven Hill, Director of Research, Research England

Dr Magdalena Skipper, Editor in Chief, Nature

Professor Paul Walton, Professor in Bioinorganic Chemistry, University of York

4.55pm **Reflections on the day**

5.00pm **Networking drinks and announcement of the Pitch winners**

7.00pm **Day close**

Tuesday 30th October 2018

9.15am **Registration and refreshments**

10.00am **Welcome back to the Society**

Professor Richard Catlow FRS, Foreign Secretary and Vice-President of the Royal Society

10.10am **Plenary 3: The ambitions of UKRI for research culture**

Sir Mark Walport FRS FMedSci, Chief Executive, UK Research and Innovation

10.30am **Panel Session 2: What role do attitudes and beliefs of individuals across the system play in creating the culture of research?**

Chair: Professor Jim Al-Khalili OBE FRS, University of Surrey

Professor Andrea Brand FRS FMedSci, Cambridge University

Professor Tom McLeish FRS, University of York

Dr Jenny Rohn, University College London

Robert-Jan Smits, Open Access Envoy of the European Commission

11.50am **Inspiring Ideas 2: Beyond measure – the big impact of small changes**

Dr Margaret Heffernan, entrepreneur, Chief Executive and author

12.20pm **Lunch**

1.20pm **Working group session 2: What changes can individuals make to reinforce the culture of research?**

2.10pm **Plenary 4: Research culture: a personal viewpoint**

Sir Venki Ramakrishnan PRS, President of the Royal Society

2.30pm **Panel session 3 How do research leaders define a positive research culture?**

Chair: Professor Richard Catlow FRS, Vice President of the Royal Society

Professor Ian Boyd, Chief Scientific Adviser, DEFRA

Carol Monaghan MP, Shadow SNP Spokesperson (Education) and member of the House of Commons Science and Technology Committee

Dr Danuta Mossakowska, Senior Director, Discovery Partnerships with Academia Leader, GSK

David Sweeney, Executive Chair, Research England

4.00pm **Plenary 4: The 2.4% challenge: where will our researchers come from?**
Sir John Kingman FRS, Chair, UK Research and Innovation

4.20pm **Thank you and close**

Session overviews

Plenary talks

Hear from research leaders and leaders in other sectors providing different perspectives on key research culture themes, reflect on how cultural change has been instigated at different organisations, and elaborate on what will be done to further build on progress that has been made.

Panel discussions

Listen and take part in discussions with the panellists focused on '*What are the key features of a future ideal research culture?*' '*What role do the attitudes and beliefs of individuals across the system play in creating the culture of research?*' and '*How do research leaders define research excellence?*'.

Inspiring ideas

Be inspired by a duo of TED-style talks over the two day event. Speakers will highlight how changes in research culture can be instigated by individuals as well as large organisations, as well as take questions from the audience on how these ideas can be translated into different contexts.

Working group sessions

Create your own cohort of people to discuss and develop ideas highlighted throughout the course of the two days. Sit down with people you have never met before, hear different perspectives on research culture and foster new relationships and networks. The first session will focus on the features of a future ideal research culture. The second working group session will focus on what individuals can do, so that we can move closer to those ideals as a community.

Lightening talks

A series of quick fire talks will provide examples of how individuals and organisations across the research system are already trying to make positive changes to research culture. The talks will cover better recognition of individuals in the system, the challenges of braided careers, the creation of supportive work environments, the benefits of open science, and the recognition of women in STEM.

The Pitch

A competition to find new ways to positively improve research culture. See the selected finalists to pitch their idea live to the judges. Judges will then question and challenge the idea, as well as giving the audience the chance to pose questions. After the session, the judges will deliberate and decide which proposal(s) deserve(s) to receive a monetary award to implement their idea at their institution. The winner(s) will be announced at the networking event at the end of the first day.