Gender Summit®
London 2018
United in Science and through Science

18–19 June 2018

PROGRAMME
About GS15

The 2018 Gender Summit in London is 15th in the series and the first for London. Like previous events it is led by influential science institutions, with the Science and Engineering South Consortium of leading universities as the principal partner.

GS15 builds on past discussions and recommendations and tackles fresh gender issues, in the context of new concerns such as: Brexit, impact of climate change, addressing societal challenges; opportunities and consequences of digital transformation, the 4th Industrial Revolution; strengthening societal responsibility and relevance of research and innovation; ensuring the success of the UN Sustainable Development agenda; and managing the interactions between scientific, political and policy agendas in a rapidly changing world.

Programme Format and Outline

The two day programme is organised under the theme: “United in Science and through Science”, and includes a mixture of keynotes, plenary panel sessions, and parallel sessions, as well as a poster exhibition, professional networking activities, and interlinked public engagement side-events. Speakers include world renown researchers, leaders in innovation, influential policy makers, and champions of evidence-led sustainable, socio-economic development. The goal is to use the ‘gender lens’ to identify gaps in knowledge, new applications for existing knowledge, discoveries that create new opportunities for innovation, and show how to achieve cross cutting benefits. The main themes are:

• Opportunities and methodologies for novel interdisciplinary and cross-sector collaborations, e.g. for more effective health treatment design and use; development of resilient and nutritious food crops; improved mobility and safety of infrastructures; better governance and use of technological systems;

• Measuring and monitoring research performance, quality, and impact, e.g. assessing excellence through better statistics, indicators and benchmarks; enabling systematic and systemic organisational change; creating stronger scientific human capital;

• Integrating the values of inclusion and sustainability into research and innovation agendas, and in projects, e.g. to support the UN call “leave no one behind”; to ensure ecosystem-level awareness of impact; to advance technologies and interventions that produce positive spill-over effects;

• Strengthening co-operation between key actors in and outside the science landscape, e.g. between science publishers and research funding agencies to improve peer review process; between universities, governments, and research funders to improve working conditions for researchers; between research and development communities to achieve SDG targets; and between technology executives and Civil Society to improve understanding of what society expects from innovation;

• Connecting the reality of the UN Sustainable Development targets with the vision of technology driven future to prevent digital inequality between the Global North and the Global South, and as an opportunity to advance practical approaches to “open science” and “open innovation”; and

• Science knowledge making and application in the context of political and policy drivers, e.g. international scientific collaborations and mobility of researchers after Brexit; societal expectations, responsibility and relevance of research and innovation; ensuring wellbeing of natural environment as part of economic progress; focusing innovation on the needs of the poorest and most overlooked groups in society.

About Science and Engineering South Consortium

The Science and Engineering South Consortium brings together the universities of Oxford, Southampton, King’s College London, Queen Mary University of London, University College London and Imperial College London, creating the most powerful hub of research-intensive universities in the UK. Our members invest in high quality science, essential for the sustained development of world-leading research that makes a positive difference to the UK economy, our wellbeing and to the world around us. We are united in our commitment to embed diversity, inclusion and equality at our institutions and in our research.
Day One – 18th June 2018

08:00 – 09:00  Arrivals, registration, networking

09:00 – 09:15  Welcome
Sarah Guerra, Director Diversity and Inclusion, King’s College

09:15 – 10:00  Keynotes
The Myth of Pink and Blue Brain
Lise Eliot, The Chicago Medical School of Rosalind Franklin University of Medicine & Science

10:00 – 11:15  Plenary 1: When sex matters for human and non-human species: the role of basic biology
This session will look at sex and gender from the perspective of the differences observed at a basic biological level to explain how and why such differences can impact on outcomes but also how they can be used to ask new questions, test existing theories, improve quality of research outcomes, and promote new markets for science knowledge.

Moderator: Ann Le Good, Nature Communications
The genetics of human complex traits, and what it means for diagnostics and things like ‘precision’ and ‘personalised’ medicine
Barbara Stranger, University of Chicago, USA
How to be sure what sex your cells are: Cell DB with sex description
Hee Young Paik, Gendered Innovations in Science and Technology Research (GISTeR), South Korea
Does sex really matter? Explaining intra-species variation in ocean acidification responses
Robert Ellis, University of Exeter

11:15 – 11:45  Coffee, Networking, Exhibition

11:45 – 13:15  Plenary 2: Rethinking risk and resilience: challenging accepted theories
This session examines how sex/gender differentiate the human experience and assessment of risk in different contexts, and if we need to revise the theories and models used to appreciate the full impact of the decisions made.

Moderator: Maryse Lassonde, Scientific Director Fondes de Recherche Nature et Technologie (FRQNT), Canada
Responsible AI: free from (human) bias, unfairness and discrimination
Natalia Criado Pacheco, King’s College London
Gendered findings on radiation and the community that uses radiation daily
Mary Olson, NIRS, USA
Engendering the Environment for Health Protection
Katrin Groth & Arn Sauer, German Federal Environmental Agency
Understanding the role of SDG5 within a network of SDG interactions for best use of resources
Jonathan Dawes, Institute for Mathematical Innovation, University of Bath
Gender dimension in environmental sciences
Giuliana Rubbia - Istituto Nazionale di Geofisica e Vulcanologia, Italy

13:15 – 14:00  Lunch, networking, exhibition

14:00 – 15:30  Plenary 3: Statistics, indicators and evidence for effective policy design and implementation
This session introduces new evidence and new advances in developing and harmonizing efforts to collect statistical information and methods for calculation and interpretation of statistical indicators of gender equality in research and innovation.

Moderator: Jane English, Head of Department, Cape Town University, South Africa
The statistical and policy role of EU She Figures, and of MORE and MORRI Surveys
Ana Arana Antelo, EU Commission, Research & Innovation Head of Unit for Science & Society
Policy impact of the SAGA project: lessons from roll-outs
Ernesto Polcuch, Chief of Section for Science Policy and Partnerships in the Natural Sciences Sector of UNESCO
Doing gender mainstreaming the feminist way
Fredrick Bondestam, Head of Operations, Research Coordinator, Swedish Secretariat for Gender Research, Sweden.
Advancing gender and STEM statistics for the LAC countries
Charlotte Guillard, Strasbourg University and UNU-MERIT
The Global Research Council: Commitment to Equity and Integration of Gender Dimension in Research
Roshni Abedin, UKRI (TBC)
Day One – 18th June 2018 (Continued)

15:30 – 16:00  Coffee, Networking, Exhibition

16:00 – 17:30  Plenary 4: Leadership: Re-evaluating the meaning of leadership for excellence and effectiveness in science

Good science requires good leadership. This session will ask what leadership means today to individuals, to institutions, to scientific fields and to society.

Moderator: Alison Wall, UKRI-EPSRC

Effective research and professorial leadership

Linda Evans, Manchester University

Leadership in Open Science: overcoming gender and structural inequalities

Rana Dajani, Hashemite University

The importance of understanding the experiences of those we lead

Stephen Curry, Imperial College London

The challenges of leading projects with diverse disciplines and stakeholder interests

Roxana Carare, University of Southampton

17:30 – 19:00  Reception

Day Two – 19th June 2018

08:30 – 09:00  Arrivals, registration, networking

09:00 – 09:45  Plenary 5: The mission, impact and future of the Gender Summit

Since it was established in 2011, the Gender Summit has migrated from Europe to different global regions, and has influenced local gender discourse in science, and led to new actions and initiatives, including a 7000 strong global community of gender experts and practitioners.

Why the perils of not having female crash test dummies epitomise the Gender Summit mission

Elizabeth Pollitzer, Portia

The transformation of gender attitudes in STEM in Japan

Miyoko O. Watanabe, Deputy Executive Director, Japan Science and Technology Agency (JST); Director, Office for Diversity and Inclusion, JST, Japan; Chair, Gender Summit 10 Asia-Pacific

Singapore as host of the next Gender Summit - Asia Pacific

Vandana Ramachandran, Institute of Medical Biology and Lakshmi Ramachandran, Mechanobiology Institute, Singapore

Advancing the mission of the Gender Summit – Africa through partnership with the Next Einstein Forum

Dorothy Nyambi, African Institute for Mathematical Sciences, Rwanda

The importance of plurality: reflections on GS11-NA

Maryse Lassonde, Scientific Director Fondes de Recherche Nature et Technologie (FRQNT), Canada

09:45 – 11:15  Plenary 6: Changing attitudes and cultures in organisations

This session looks how gender equality is being pursued by key actors and stakeholders in science endeavours, at regional, national and sectoral levels, and what lessons are there for policy makers and institutions.

Moderator: Nick Perkins, CABI

Working with Gender Equality at NordForsk

Arne Flåøyen, Director NordForsk, Norway

Progress on gender equality in research and innovation in Germany

Christina Hadulla-Kuhlmann, Federal Ministry of Science and Education

Towards gender balance in mining

Jean E. Des Rivières, V-P Exploration, BHP, Chile

Transforming the role of science publishers and scientific information providers

Ron Mobed, CEO, Elsevier, The Netherlands

Gender diversity on boards in the UK: Are we making progress?

Elena Doldor, Queen Mary University of London, UK

11:15 – 11:45  Break, Networking, Exhibition
Day Two – 19th June 2018 (Parallel Sessions)

Parallel 1: Best Practice from different programmes and projects
Chair: Lotte Strandberg, Nordforsk, Norway
When making gender research from gender equality and diversity

Parallel 2: Fair and systematic scholarly peer review
Chair: Ylven Schnorr, Elsevier
What makes a good research from a gender perspective?

Parallel 3: Research for SGK targets
Chair: Ylven Schnorr, Elsevier Foundation
Why is Physics Different? Deutschland-Amerika-Bridge on Gender and Science, USA

Parallel 4: GE(P) Tools from Physicists and for Others
Chair: Thomas Bergoefer, DESY, Germany
Gender in Physics - A Global Approach to Gender Gap in Science, Germany

Parallel 5: Improving the scope and reliability of evidence
Chair: Nigel Birch, EPSRC, UK
Understanding impacts of social policy on health: the EPHIP project, USA

Parallel 6: Constructing better inclusion and advancement conditions
Chair: Wendy Hansen, GERA
Equity in Engineering

Parallel 7: More about the scope and reliability of evidence
Chair: Nigel Birch, EPSRC, UK
Equity in Engineering

Plenary: Reports from parallel sessions
Chair: Hendrik Schön, Max Planck Institute for the Science of Light, Germany
Plenary: More about the scope and reliability of evidence
Chair: Nigel Birch, EPSRC, UK
Equity in Engineering

Closing keynote and refreshments
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