



Conference on

Surveying Galton's Legacy

Wellcome Trust Lecture Hall

The Royal Society

6-9 Carlton House Terrace, London SW1Y 5AG

on

Wednesday, 15th November, 2017

Admission is free, but strictly by ticket, available from:

www.eventbrite.co.uk

or

The General Secretary, the Galton Institute
19 Northfields Prospect, London SW18 1PE

executiveoffice@galtoninstitute.org.uk

Speakers and Chairmen

Professor John Beardmore	Professor Emeritus of Genetics, Swansea University and Trustee of the Galton Institute
Professor Han Brunner	Department of Human Genetics, Nijmegen and Department of Clinical Genetics, Maastricht
Professor Ian Deary	Director, Centre for Cognitive Ageing and Cognitive Epidemiology at the University of Edinburgh
Professor Dian Donnai	Manchester Academic Health Science Centre, University of Manchester, Centre for Genomic Medicine, St Mary's Hospital, Manchester and Trustee of the Galton Institute
Professor Mark Jobling	Department of Genetics, University of Leicester
Professor Bartha Knoppers	Director, Centre of Genomics and Policy, McGill University, Canada
Professor Melinda Mills	Nuffield Professor of Sociology, University of Oxford and Trustee of the Galton Institute
Dr Christoffer Nellåker	Nuffield Department of Obstetrics and Gynaecology, Institute of Biomedical Engineering, Big Data Institute, University of Oxford
Professor Gregory Radick	Professor of History and Philosophy of Science, University of Leeds
Professor Tim Spector	Professor of Genetic Epidemiology and Director of the TwinsUK Registry at Kings College London
Professor Veronica van Heyningen, FRS	President of The Galton Institute, Institute of Ophthalmology University College London and MRC Human Genetics Unit, IGMM, Edinburgh
Professor Nicholas Wood	Galton Professor of Genetics and Research Director of the UCL Genetics Institute and Trustee of the Galton Institute

Conference organisers:

Professor Veronica van Heyningen and Professor John Beardmore and Professor Dian Donnai

Surveying Galton's Legacy

09.50-10.00 **Welcome and Introduction**

10.00-10.40 **Chair: Professor Melinda Mills**

Professor Gregory Radick
The Meaning of the Quincunx

10.40-11.10 **COFFEE**

11.10-11.50 **Chair: Professor John Beardmore**

Professor Ian Deary
*Quantitative phenotyping and population genomics
of cognitive function and ageing*

11.50-12.30 **Dr Christoffer Nellåker**
Facial measurements and analysis

12.30-13.30 **LUNCH**

13.30-14.10 **Chair: Professor Nicholas Wood**

Professor Mark Jobling
Fingerprinting and identity

14.10-14.50 **Professor Tim Spector**
Lessons from twin studies

14.50-15.20 **TEA**

15.20-16.20 **Chair: Professor Veronica van Heyningen, FRS**

The Galton Lecture 2016
Professor Bartha Knoppers
Eugenics: The (Un)Ethical Trump Card?

**Presentation of the Galton Plate by Professor Veronica van Heyningen, FRS
President of The Galton Institute**

16.20-17.00 **Professor Han Brunner**
Intellectual ability and disability: genes and genetics

The Galton Institute was established in its current form in 1989 in memory of Sir Francis Galton (1822-1911), one of the UK's most distinguished Victorian scientists and a cousin of Charles Darwin. The scientific study of human heredity was one of Galton's many areas of endeavour, and The Galton Institute was set up to promote research and understanding in all aspects of this field.

There have been huge advances in the scientific understanding of heredity and genetics over the last century. Partly informed by these insights, there has been a concurrent revolution in social attitudes in considering the contributions of 'nature' and 'nurture' – Galton's terms for today's genes and environment – to human development and achievement. Consequently, the Galton Institute of today reflects the multidisciplinary nature of current research, with geneticists, clinicians, demographers, bioinformaticians, sociologists, psychologists, statisticians, teachers and other professionals working together with the aim of improving knowledge of our species and its challenges.

The Galton Institute is committed to stimulating and informing public debate on human heredity and associated questions, and seeks to promote public engagement with, and communication of, these topics.

Aims

The Institute promotes and supports the scientific exploration of all aspects of human heredity through:

1. Education and communication with all interested individuals and groups.
2. Stimulating and informing public debate on the social and ethical implications and relevance to human well-being.
3. The study and understanding of the historical origins and development of the topic.

Activities

The Institute has a wide range of interdisciplinary interests relating to the scientific study of human inheritance and promotes communication of these investigations through:

- An annual conference in which a topic of current and international importance relating to human heredity is explored by experts from different disciplines. The conference is the occasion for the delivery of the annual Galton Lecture by an eminent invited speaker.
- Support for conferences and other activities of kindred organisations relevant to its aims.
- Publication of the *Galton Review*, available on the website and received free of charge by Members, Fellows and most UK university libraries.
- Publication of occasional booklets on subjects relevant to its aims.
- Support for work on reproductive health and fertility control in the UK and elsewhere under the aims of the Artemis Trust.

www.galtoninstitute.org.uk