



Department of
Political Economy

Global Biopolitics
Research Centre



US
University of Sussex
Centre for Global
Health Policy

RISING POWERS POLICY WORKSHOP

Global Biomedical Informatics: Innovation, Governance and Societal Engagement

Organised by members of the ESRC Rising Powers Research project 'State strategies of governance in global medical biotech innovation: the impact of China and India,' King's College London and University of Sussex.

18 February 2015

University of Sussex, Building Arts C, Room Number 333

The heralded revolutions in global medicine and healthcare fuelled by the life sciences and genomics require the harnessing of the ever-increasing waves of data that are being generated, through development and deployment of informatics tools, databases and data interpretation. There is a need to better understand the governance and steering of bioinformatics by national governments' and other governance actors' on the global stage. Social and scientific trends such as open access and consumerisation underpin developments in the field. This workshop addresses this challenge by bringing together a range of stakeholders from national and international bioinformatics initiatives, private sector bioinformatics services, genomic scientists and social scientists studying the field. Key topics for discussion include: Issues of disciplinary work and skills in bioinformatics and computational biology; Role of global centres of bioinformatics innovation; Educational and investment policies; Role of citizen and academic engagement; Data privacy; Open innovation, IP and data ownership; Outsourcing patterns; Genomic-clinical data linkage.

Programme

- 10.30** Arrival and refreshments
- 10.45** Welcome and Introductions
- 11.00 – 11.45** **Session 1. Bioinformatics/computational biology as professional work and industry sector**
- Dr C. Garattini, Intel Life Sciences "User experience and computing tools"
- Alexander Henzing, Knowledge Transfer Network Biosciences & Biotechnology 'UK Bioinformatics Landscape: Challenges and opportunities from an industry perspective'
- 11.50 – 12.45** **Session 2. State strategies for bioinformatics in BRICs and the UK**
- Professor B. Salter, King's College London
- 12.45 – 13.25** Lunch
- 13.30 – 14.20** **Session 3. Biomedical informatics hubs for translational medicine**
- Dr Chuck Cook, European Bioinformatics Institute
- 14.30 – 15.20** **Session 4. Open innovation and citizen engagement**
- 15.30 – 16.00** Final discussion and roundup
- 16.00** Refreshments and Departure