How Do We Regulate & Govern AI Systems To Incorporate Ethical Decision Making & Maintain Public Trust?

What Will Research Ethics Look Like 10 Years From Now?

Enable social platforms in the public sphere to promote altruistic behaviour

Lack of ethics and improper use of data/chip technology could lead to loss of trust and technology controls humans

Science and technology are disrupting current ethical standards & norms

Difficult to regulate AI (machine learning algorithms)

People developing AI need to understand the flaws and limits of datasets. They need to "professionalize" their development

Will we lose the ability to derive the objective truth?

Support more diversity in research careers, areas that are funded and datasets that are collected

Greater utilisation of societal impact assessments

Technologies facilitating increased co-production of research

Gather best practice examples and share lessons learned about research funding

Social media segmentation and disruption of AI systems (combined with other unforeseen impacts) lead to societal fracture

Risk of fragmentation of research outcomes

Greater utilisation of societal impact assessments

What Measures Of Societal Impact Should Be A Priority In The Assessment Of Research And The Assessment Of Research Priorities?

BEYOND THE HORIZON - WHAT WILL THE WORLD OF RESEARCH LOOK LIKE 10 YEARS FROM NOW?

Interactive Session Outcomes

EQUITY

How Can We Ensure Equity Of Benefits Stemming From Research?

More public engagement with health research

Equity of innovation

Potential increase in health inequalities?

A shift to more centrally determined priorities? - social disadvantage patients/citizens

SOCIETAL IMPACT

What Measures Of Societal Impact Should Be A Priority In The Assessment Of Research And The Assessment Of Research Priorities?

Collaboration between open and equitable access and knowledgable control of knowledge

Public to contribute to science

End to end collaboration between participants, the public, academia, consumer, government, policymakers & health professionals

Supporting healthy competition and collaboration, globally

Better communication between industry, government, academia, civil society and policymakers

TRUST

How Do We Regulate & Govern AI Systems To Incorporate Ethical Decision Making & Maintain Public Trust?

How do we promote collaboration when there are conflicting interests in a competitive environment?

Different models to achieve access include collaboration & duplication of effort continues

Making a better understanding of the funding mix for research (private, public, philanthropic)

Reliability, interpretation, and access to data and information (CMR, access, telling, data)

Different incentives amount in academia, business, regulations, policy

Cultural and corporate barriers to information access and sharing

Does uncontrolled access to data lead to more useful knowledge?

Access to knowledge for the public (on the right level)

Changing journals - adding context

Increased availability of data and information to the general public, patients, health professionals, etc

Concerns around data: ownership, sharing, curation

DATA GOVERNANCE

How to keep up with the speed of knowledge production?
BEYOND THE HORIZON - WHAT WILL THE WORLD OF RESEARCH LOOK LIKE 10 YEARS FROM NOW?

Key Takeaways

PAST AND FUTURE: A DECADE AGO AND 10 YEARS FROM NOW

How much can change in ten years?

Diversity and inclusion must drive research going forward

We need to make sure that whatever the future, patients and populations are included in the decision-making

PUBLIC ENGAGEMENT & TRUST IN SCIENCE & RESEARCH

Will innovation be blocked due to risk averse beliefs and regulations?

Multi-disciplinary research focusing on the ethical, social & political challenges of AI is needed to address needs, maximise opportunities and minimise risks

THE VALUE OF RESEARCH IN AND OF ITSELF

Think about what kind of future you want and work back to identify suitable impact measures for research

Does uncontrolled access to data lead to more useful knowledge?

What measures of societal impact should be a priority in the assessment of research and the assessment of research priorities?

Don’t forget impact on culture and other social benefits from pure knowledge and blue skies research

EU research funding focuses on economic growth and jobs creation

How do we regulate & govern AI systems to incorporate ethical decision-making & engender public trust?

How can we ensure equity of benefits stemming from research?

I want to engage, but who can I trust?

We should recognise more than the individual “stellar” researcher and give credit to technicians, administrators and others who facilitate research

Collaboration is challenging...

BUT there are good examples where SMEs, academia and industry have come together to accelerate innovation and change

How Do We Promote Collaboration When There Are Conflicting Interests In a Competitive Environment?