



Wilton Park

Final programme

Equitable health futures in AI

Monday 19 October 2020 | WP1839V

Held virtually at 1400 British Summer Time (180 minutes)

In the public domain, artificial intelligence (AI) interventions are assumed neutral and separate from human error, but this view fails to scrutinise the political nature of science, technology, and knowledge and the stakeholders shaping these data sets. In so doing, AI risks reproducing bias, discrimination, and inequity – a tool considered at the forefront of a new, machine learning age could in fact replicate the world exactly as it is today, with only a few global leaders charging the way.

Equitable health futures in AI means rethinking innovation and scientific practices to support inclusion, participation, and diversity of populations, especially those that are most vulnerable. This special Wilton Park session with The Lancet & Financial Times Commission *Governing health futures 2030: Growing up in a digital world* will dive into approaches to data and AI for equitable health and health futures, with the aim of expanding the current concept of AI and identifying data governance models to meet global public needs and shape attitudes toward equity, democracy, and solidarity.

This dialogue will consider the following broad questions:

- Who is leading advances in AI today?
- What are the potential health harms caused by AI and how do we mitigate them?
- What are the opportunities and examples of equitable AI for health?
- What global regulatory and ethical frameworks are necessary to promote equitable AI architectures for health?
- What tensions may arise between these key policy frameworks and their implementation?
- Can AI be used as a tool to promote health equity?

The objectives of this dialogue are as follows:

- To explore the ways in which data and AI may lead to the discrimination, exploitation, or invisibility of certain groups and sectors of society

Organised in partnership with:



- To identify the impacts or future impacts of biased AI on health and health futures; especially with regards to equity, human rights, and global goals like UHC and the SDGs
- To determine ways in which inequities can be addressed through governance and design

The issues and themes raised in these discussions will feed into the work of the Commission to shape governance pathways for better health futures.

Format

This is a 3-hour virtual meeting involving Commissioners, key influencers, academics, policy makers, and civil society.

The meeting will involve a mixture of round-table discussions and focused breakout small group sessions.

A written report summarising the themes of the discussion will be made available after the meeting for participants.

Monday 19 October 2020

1400 British Summer Time (180 minutes)

1400-1410

Welcome and introduction

Nancy Lee

Programme Director, Wilton Park, Steyning, UK

Ilona Kickbusch

Co-chair, The Lancet & Financial Times Commission; Chair of the International Advisory Board, Global Health Centre at the Graduate Institute of International and Development Studies in Geneva, Switzerland

Precious Matsoso

Director, Health Regulatory Science Platform, Wits Health Consortium, University of the Witwatersrand, Johannesburg, South Africa

1410-1500

1. Biased frameworks for AI

In what ways can algorithms, data, machine learning, and other aspects of AI development and application lead to bias, exploitation, and discrimination of certain populations? What are some issues that have arisen and what governance responses have there been, if any? Consider examples of bias in AI development that impact health, especially in low- and middle-income countries.

Chair: Dykki Settle

Chief Digital Officer, PATH, Seattle, USA

Each participant will be asked to introduce themselves and provide a brief answer to the following question:

How do you define Artificial Intelligence (AI) in the context of its application for health futures?

Each participant will be permitted a strict maximum of 2 minutes to respond.

1500-1520

2. Impact of biased data and AI

What are the current and likely future impacts on equity and human rights with regards to AI for health?

Chair: Kristen Sandvik

Professor, Faculty of Law, University of Oslo, Norway

Michel Girard

Senior Fellow, Centre for International Governance Innovation, Gatineau, Canada

Renata Avila

Race & Technology Fellow, Stanford University, Berlin, Germany

1520-1600

3. Impact of biased data and AI: breakout groups

Given what has been raised in Sessions 1 and 2, consider the following:

- What are the opportunities and examples of equitable AI for health?
- What global regulatory and ethical frameworks are necessary to promote equitable AI architectures for health?

Facilitators:

Olivia Banner

Associate Professor, Critical Media Studies and Networked Cultures, University of Texas at Dallas, USA

Richard Dzikunu

Facilitator, Young Expert Tech 4 Health, Brussels, Belgium

Sebastian Garcia Saiso

Director, Department of Evidence and Intelligence for Action in Health, Pan American Health Organization (PAHO), Washington DC, USA

Tabitha Ha

Strategic Adviser, Stopaids, London, UK

1600-1610

Break

1610-1655

4. Tactics and solutions to address bias in data and AI for health

How can these impacts be addressed through governance frameworks and governance pathways? In what ways could data and AI become tools for health equity?

Chair: Chris Fabian

Co-founder, Innovation Unit; and Senior Advisor on Innovation, UNICEF, New York, USA

Given what has been discussed in breakout groups, consider some solutions to address the impacts raised in the earlier session.

What can the future for equitable AI look like and how can it be achieved?

Facilitators:

Kweku Opuku-Aguemang

Research Economist, Machine Learning by Doing, Toronto, Canada

Claudia Lopes

Research Fellow, United Nations University International Institute for Global Health, Kuala Lumpur, Malaysia

Juan Ortiz-Freuler

Affiliate, Berkman Klein Center for Internet and Society, Buenos Aires, Argentina

***Chris Fabian**

Co-founder, Innovation Unit; and Senior Advisor on Innovation, UNICEF, New York, USA

1655-1700

5. Conclusion and next steps for the Commission

Ilona Kickbusch

Co-chair, The Lancet & Financial Times Commission; Chair of the International Advisory Board, Global Health Centre at the Graduate Institute of International and Development Studies in Geneva, Switzerland

Precious Matsoso

Director, HRSP, Wits Health Consortium, University of the Witwatersrand, Johannesburg, South Africa

This is an invitation only conference.

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