PMAC PRINCE MAHIDOL AWARD CONFERENCE 2024

PL 3

EFFECTIVE GOVERNANCE OF HEALTH TECHNOLOGIES AND AI

| BACKGROUND

In the dynamic field of digital health and AI, strong governance, policy, and stewardship are essential for responsible and equitable implementation. Global frameworks promoting international collaboration and standardization are necessary, involving public and private sectors and civil society. A robust regulatory environment and effective data governance at the national level are crucial to protect data ownership, privacy, and sovereignty. These measures ensure the ethical and secure use of health data, mitigate risks, and build trust. Multilevel governance and collaboration will ensure that AI and digital health technologies contribute to improved health outcomes for all.

| OBJECTIVES

The main areas for further exploration under ST3 comprise global enabling ecosystem, national ecosystem, human capacity needs, and responsible use; cover the foundations for good governance, policy, and stewardship. digital technologies and AI for health should be ‘people-centered’ and inclusive. There is a critical need to ensure equitable access for all individuals, particularly for those who may be marginalized or vulnerable and face barriers related to gender, ethnicity, geographical location, socioeconomic status, native language, or internet connectivity. Even as advancements in technology may substantially improve healthcare delivery, they also pose significant risks to the exacerbation of health inequalities, weakening of data privacy, and environmental sustainability.



Moderator

Bilal Mateen

Chief AI Officer

PATH
United Kingdom

Bilal Mateen, MBBS, MPH, PhD, is the inaugural Chief AI Officer at PATH.

In this role, Dr. Mateen is responsible for developing and implementing PATH's AI strategy while overseeing a number of programs focused on developing first-in-class AI-based solutions for addressing key healthcare challenges, and regulatory system strengthening to ensure adequate safeguards for this novel technology.

He most recently served as Executive Director of Digital Square where he supported ministries of health across Africa and Asia with effective planning, procurement, and implementation of technology to help address the global health equity gap. In this post, he was the principal investigator on more than $250 million in grants and contracts focused on digital health transformation in low-resource environments.

Dr. Mateen is a physician by training with an academic background in health-related applications of data science and machine learning. Prior to joining PATH, he served as the Clinical Technology Lead and Senior Manager for Digital Technology at the Wellcome Trust, one of the world's largest philanthropic foundations supporting science and health research. Under his leadership, his team provided funding for digital public goods to address three key health challenges: mental health, the impact of climate change on human health, and emerging and escalating infectious diseases.

Alongside his role at PATH, he continues to hold an honorary professorial appointment at University College London. He was also a fellow of the Alan Turing Institute, the UK's national institute for data science and artificial intelligence. Dr. Mateen completed his Bachelor of Science in Neuroscience and Medical Sciences and his medical training at University College London. He subsequently completed his Master of Public Health at the University of Edinburgh, and his PhD at King's College London.