Digital Health Competencies Launch Event

Organised by King's College London with the Digital Health Systems Collaborative

Friday 14 March 2025 | 13:00 – 14:35 GMT | Microsoft Teams

Agenda

Time	Session
13:00 – 13:05	**Welcome and opening remarks** Professor Josip Car, King's College London, UK
13:05 – 13:25	**Keynote Address** **Digital transformation in Health Systems** Professor Rifat Atun, Harvard University, US **Preparing for practice in a digital world: Imagining a digitally-informed, digitally-enabled health workforce** Mr Jim Campbell, Health Workforce, World Health Organization
13:25 – 13:40	**Presentation 1** **Unveiling DECODE framework: Consensus from a multinational Delphi study** Dr Ong Qi Chwen Angus, Nanyang Technological University, Singapore Professor Sola Aoun Bahous, Lebanese American University, Lebanon

13:40 – 14:10	**Panel discussion with Q&A**
	Building the future of digital health education: Opportunities and challenges
	Moderators:
	Professor Amir H. Sam, Imperial College London, UK
	Dr Tatiana Erlikh Fox, Onze Lieve Vrouwen Gasthuis, The Netherlands
	Panellists:
	Professor Niels Chavannes, Leiden University Medical Centre, The Netherlands
	Professor Sinéad Langan, London School of Hygiene & Tropical Medicine, and Heath Data Research UK England
	Professor Yodi Mahendradhata, Universitas Gadjah Mada, Indonesia
	Dr Abenezer Woyesa Turilo, Addis Ababa University College of Health Sciences, Ethiopia
14:10 – 14:25	**Presentation 2**
	AI for impact in a Learning Health System
	Professor Christopher A. Longhurst, UC San Diego Health, US
14:25 – 14:35	**Call to action, next steps, and closing remarks**
	Professor Josip Car, King's College London, UK

Speakers, panellists and moderators

Web profile

Professor Josip Car, MD, MSc, PhD, FFPH, FRCP

Professor of Population and Digital Health Sciences, King's College London

Head, School of Life Course & Population Sciences, King's College London

Director, King's Population Health Institute, King's College London

Director of Population Health, King's Health Partners

Professor Josip Car serves as the Head of King's School of Life Course & Population Sciences and holds the Chair in Population and Digital Health Sciences. With over 400 multidisciplinary experts, the School operates globally, pioneering world-changing discoveries and translating them into advances in medicine and health systems. Prior to joining King's, he served in a range

of leadership roles in Singapore and the UK including as the Founding Director of the WHO Centre for Digital Health and Health Education, Director of Public Health, Primary and Integrated Care at Imperial College Healthcare, Director of NIHR Primary Care Research Network for London (NW) and Director of Global Digital Health Unit.

Professor Car brings a triple-track record of academic, clinical, and executive leadership. He has been leading and advising on health systems, population and digital health, AI for health innovations, having worked in multiple health systems and with diverse organisations including with the WHO, Ministries of Health and industry. Professor Car is dedicated to advancing precision, personalised population health within a learning health system.

Professor Rifat Atun, MBBS, MBA

Professor of Global Health Systems, Harvard T.H. Chan School of Public Health & Harvard Medical School, Harvard University

Director, Health Systems Innovation Lab, Harvard T.H. Chan School of Public Health

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Dr Rifat Atun is Professor of Global Health Systems at Harvard University and the Director of The Health System Innovation Lab. In 2015-2023 he was the Faculty Chair for the Harvard Ministerial Leadership Program. He is a Faculty Affiliate at the Center for International Development at the Harvard Kennedy School, and Faculty and Member of the Harvard University Asia Center Steering Committee and Council.

Professor Atun is a Visiting Professor at Imperial College London, and a Distinguished Visiting Professor at Fukushima University in Japan. In 2006-13, Dr Atun was Professor of International Health Management and Head of the Health Management Group at Imperial College London. In 2008-12 he served as a member of the Executive Management Team of The Global Fund to Fight AIDS, Tuberculosis and Malaria as the Director of Strategy, Performance and Evaluation Cluster, where he chaired the panel that oversaw investments of around $4billion each year in more than 120 countries.

Professor Atun studied medicine at University of London as a Commonwealth Scholar. He subsequently completed his postgraduate medical studies and master's in business administration at University of London and Imperial College London. He is a Fellow of the Royal College of General Practitioners (UK), Fellow of the Faculty of Public Health of the Royal College of Physicians (UK), and a Fellow of the Royal College of Physicians (UK).

Mr Jim Campbell, FFPH (Hon), FRSCI (Hon), MPH, MSc

Director, Health Workforce, World Health Organization

[Web profile](#)

Mr Jim Campbell is the Director, Health Workforce at the World Health Organization. He oversees the development and implementation of evidence and tools to support countries in the education, employment and retention of the health and care workforce. He oversees collaborative networks and partnerships with academia, civil society, government institutions, professional associations, and unions, with particular focus on data exchange, digital technologies/AI and equality for women and youth. Mr Campbell is a graduate of the University of Bristol and the University of Leeds, and an Honorary Fellow of the Faculty of Public Health and the Royal College of Surgeons in Ireland.

Dr Qi Chwen Ong (Angus), MBBS, CHWC

Research Associate, Nanyang Technological University, Singapore

Dr Qi Chwen Ong (Angus) is a research associate in digital health at Lee Kong Chian School of Medicine, Nanyang Technological University, Singapore. He obtained his medical degree from Taylor's University, Malaysia and is currently pursuing a master's in public health at Imperial College London. His research focuses on multicomponent mobile health applications and digital lifestyle interventions for chronic disease prevention and self-management. He is co-lead of the international consensus statement on digital health competencies in medical education (DECODE).

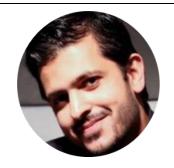## Professor Sola Aoun Baus, MD, PhD

Professor of Medicine, Department of Internal Medicine, Division of Nephrology, Lebanese American University

Dean, Gilbert and Rose-Marie Chagoury School of Medicine, Lebanese American University

Consultant Neurologist, LAU Medical Center

[Web profile](#)

Dr Sola Aoun Bahous is Professor of Medicine and Dean of the Lebanese American University School of Medicine. A nephrologist, pharmacologist, and medical educator, she has led innovations in medical curricula, including LAU's pioneering engineering pre-med program. Her research focuses on hypertension, chronic kidney disease, and medical education. She serves on the International Advisory Committee on Artificial Intelligence in medical education, and as Deputy Chair of the International Society of Nephrology Education Working Group. With a particular interest in workforce optimisation and adaptation, she has been actively engaged in discussions about medical workforce migration.

Dr Aoun Bahous is a member of the American Society of Nephrology, the European Renal Association, and the Association of Medical Education in Europe. She recently joined the International 24 Hour Aortic Blood Pressure Consortium.

Professor Amir H. Sam, MBBS, PhD, SFHEA

Head, School of Medicine, Imperial College London

Consultant Endocrinologist, Hammersmith and Charing Cross Hospitals

Director, Charing Cross Campus, Imperial College London

[Web profile](#)

Professor Amir Sam is Head of the School of Medicine at Imperial. He is a consultant physician and endocrinologist at Hammersmith and Charing Cross hospitals, and Director of the Charing Cross Campus at Imperial College London. He gained a First Class Honours BSc in Neuroscience from University College London (UCL) before completing his medical training with prizes in all preclinical and clinical subjects. During his undergraduate training he received a scholarship to study endocrinology at Harvard Medical School. His postgraduate medical training was in Oxford and London. He earned his PhD in neuroendocrinology as a Wellcome Trust Clinical Research Fellow at Imperial.

He has received the Imperial President's Medal for Excellence In Teaching and the Outstanding Teacher/Trainer of the Year Award from Health Education North West London. Professor Sam has authored several medical textbooks as well as numerous original research articles. He has led several national educational projects at the UK Medical Schools Council. He chairs the UK Medical Licensing Assessment (MLA) applied knowledge test exam construction group.

Professor Sam is the chair of 'London Medicine', which brings together the Heads of all the capital's medical schools to work collegiately with NHS England and the Office for Students (OfS) on improving the experience of London's medical students.

Dr Tatiana Erlikh Fox, MD, PhD

Consultant-in-training, Department of Internal Medicine, Onze Lieve Vrouwen Gasthuis (OLVG) Hospital, Amsterdam

Visiting Research Fellow, King's College London

Dr Tatiana Erlikh Fox is a consultant-in-training in the Department of Internal Medicine at the Onze Lieve Vrouwen Gasthuis (OLVG) Hospital in Amsterdam and a Visiting Research Fellow at King's College London. She currently focuses on clinical practice, providing care to both outpatient and hospitalised patients within the Department of Internal Medicine.

Before returning to clinical practice in 2023, she conducted research in digital health education for medical professionals as part of the WHO Centre for Digital Health and Health Education and the Digital Health Systems Collaborative. She initiated and developed the methodology and conducted the rounds of the eDelphi study leading to the creation of the DECODE framework.

A passionate educator, she led two courses (Digital Health and Health Coaching) at Nanyang University, Singapore, successfully integrating them into the undergraduate curriculum. She continues to pursue her research interests in digital health education as a Visiting Research Fellow at King's College London under the supervision of Professor Josip Car.

Dr Erlikh Fox holds a dual MD/PhD degree from Vrije Universiteit Amsterdam.

Professor Niels H. Chavannes, MD, PhD

Professor of Family Medicine, Department of Public Health and Primary Care, Leiden University Medical Centre

Chair, eHealth Applications in Population Health Management, Leiden University Medical Centre

Founder, National eHealth Living Lab (NeLL)

Web profile

Niels Chavannes is Professor of Family Medicine, head of research and founder of the National eHealth Living Lab (NeLL) at the Department of Public Health and Primary Care, Leiden University Medical Centre, The Netherlands. He is also Visiting Professor at the Respiratory Research Institute of Zhongshan Hospital, Fudan University Shanghai, China. In March 2018 he opened the National eHealth Living Lab (www.nell.eu), a patient-centred multidisciplinary Open Science platform to scale up a large number of eHealth initiatives in an evidence-based manner, currently running 92 studies, using innovative eHealth methodology and stimulating public-private partnerships.

Professor Chavannes published over 400 peer-reviewed articles on topics like eHealth and mHealth, medication adherence, rehabilitation, asthma, COPD, smoking cessation, self-management and chronic disease management programs in primary care and hospital to home

setting. He contributed to 18 books as first author and 7 books as second or last author. He has been a member of over 60 different committees and raised over €55 million in funding over the past 15 years.

Professor Sinéad Langan, MB BCh BAO (Honours), MSc, PhD, FRCP

Professor of Clinical Epidemiology, The London School of Hygiene & Tropical Medicine

Co-Director, Heath Data Research UK London

[Web profile](#)

Dr Sinéad Langan is a Professor of Clinical Epidemiology at the London School of Hygiene & Tropical Medicine (LSHTM). She is Co-Director for HDR-UK London, leading on behalf of LSHTM. She also works as an honorary consultant dermatologist at St John's Institute of Dermatology, Guy's and St Thomas' Hospital, London.

Professor Langan trained in Medicine at the Queen's University of Belfast, completed her PhD at the University of Nottingham and gained post-doctoral experience at the University of Pennsylvania, USA. She led a large collaborative international programme of work using the power of electronic medical record and administrative data to provide answers for important research questions related to a range of skin diseases. She has also led programmes focusing on understanding gene-environment interactions in eczema and is contributing to programmes on stratified medicine in eczema.

Professor Langan is co-founder and co-Chair of the Reporting of studies Conducted using Observational Routinely collected Data (RECORD) initiative and has a range of active local, national and international collaborative projects using data from Denmark, Norway and the USA. She is on the Executive Committee of the Association of Physicians of Great Britain and Ireland, and former Chair of the European Dermatoepidemiology Network Steering committee.

Professor Yodi Mahendradhata, MD, PhD

Professor in Health Policy and Management, Universitas Gadjah Mada, Indonesia

Dean, Faculty of Medicine, Public Health and Nursing, Universitas Gadjah Mada, Indonesia

[Web profile](#)

Dr Yodi Mahendradhata is Dean and Professor in Health Policy and Management and of the Faculty of Medicine, Public Health and Nursing, Universitas Gadjah Mada, Indonesia. He leads the South East Asia Regional Training Center for Health Research, supported by the Special

Programme for Research and Training in Tropical Diseases (TDR). Dr Mahendradhata is a member of the Evidence-informed Policy Network (EVIPNet) Global Steering Group. He is Scientific Advisory Board member of the Institute of Tropical Medicine, Antwerp, Belgium and member of the WHO Technical Advisory Group of Experts on NCD-related Research and Innovation. Dr Mahendradhata currently serves as Chair of the Indonesia One Health University Network (INDOHUN) he is also a member of the Governing Board of the Southeast Asian Ministers of Education Organization Tropical Medicine and Public Health Network (SEAMEO TROPMED). Dr Mahendradhata is also a member of the BMJ Asia Pacific Regional Advisory Board.

His research interests are knowledge translation, implementation science, tropical medicine, global health, health policy and management. Dr Mahendradhata was a Humboldt scholar at Heidelberg University, Germany. He has authored and co-authored numerous articles published in high impact journals. Dr Mahendradhata serves as Editorial Board member for PLoS Global Public Health, Frontiers in Tropical Diseases and BMC Health Services Research.

Dr Abenezer Woyesa Turilo

Medical Intern, Addis Ababa University College of Health Sciences

External Affairs Regional Assistant for Africa, International Federation of Medical Students' Association (IFMSA)

Dr Abenezer Woyesa Turilo is a final year medical student at Addis Ababa University College of Health Sciences practicing his internship at Tikur Anbessa Specialized Hospital. He is working as the External Affairs Regional Assistant for Africa under the International Federation of Medical Students' Association (IFMSA). He facilitates the engagement of medical students from over 26 African countries by leading regional partnerships aligning with African regional priorities of IFMSA- digitalisation of health systems and SRHR education.

Dr Woyesa Turilo also serves as the Chair for Human Development at the European Union Delegation to Ethiopia's Youth Sounding Board. He co-founded a local civil service organisation called UniHealth Organization that works to achieve universal health coverage and equitable access to health care services in Ethiopia. Under UniHealth Organization, Abenezer is working on expanding his initiative that works on providing persons with disabilities basic SRHR education through utilisation of inclusive digital toolkits, braille, audiobooks and easy to read materials.

Professor Christopher A. Longhurst, MD, MS

Professor of Medicine and Pediatrics, Department of Pediatrics & the Department of Medicine's Division of Biomedical Informatics, UC San Diego School of Medicine

Chief Clinical and Innovation Officer, UC San Diego Health

Executive Director, Jacobs Center for Health Innovation

Associate Dean, UC San Diego School of Medicine

[Web profile](#)

Dr Christopher Longhurst is the Chief Medical Officer (CMO) and Chief Digital Officer (CDO) at UC San Diego Health. This unique dual and complementary role provides leadership to medical staff, ensuring that standards and protocols are in place to provide the highest quality of care to patients, and positions digital transformation as a key tool in these efforts. As the executive Director for the Joan & Irwin Jacobs Center for Health Innovation, Dr Longhurst also has responsibility for the artificial intelligence (AI) portfolio across the health system, managed through the development and hire of the inaugural Chief AI Officer for UC San Diego Health.

Within the UC San Diego School of Medicine, Dr Longhurst serves as an Associate Dean to help align education and research missions within the clinical environment and lead the journey to become a highly reliable, learning health system. As a faculty member in the Departments of Biomedical Informatics and Pediatrics, Dr Longhurst also maintains an active clinical practice as a newborn hospitalist and vigorously pursues scholarship in care quality, patient safety, and informatics, especially healthcare AI.

Relevant publications

1. Car J, Ong QC, Erlikh Fox T, et al. The Digital Health Competencies in Medical Education Framework: An International Consensus Statement Based on a Delphi Study. JAMA Netw Open. 2025;8(1):e2453131. doi:[10.1001/jamanetworkopen.2024.53131](#)

2. Car J, Topol EJ. Advocating for a Master of Digital Health Degree. JAMA. Published online January 16, 2025. [doi:10.1001/jama.2024.27365](#)

3. Nazeha N, Pavagadhi D, Kyaw BM, Car J, Jimenez G, Tudor Car L. A Digitally Competent Health Workforce: Scoping Review of Educational Frameworks. J Med Internet Res 2020;22(11):e22706. [doi:10.2196/22706](#)

About the Digital Health Systems Collaborative (DHS Collab)

What is the DHS Collab

An international, multidisciplinary team of academic, clinical, enterprise, and policy stakeholders in both the public and private sectors. Grown out of Digital Health Education Collaboration, Digital Health Systems Collaborative (DHS Collab) has expanded its scope beyond digital health education to seize the wide potential and promise of digital health. Its members are based in more than 50 countries across six WHO regions.

What it does

The DHS Collab generates evidence for and promotes value-based digital transformations for health care for better patient health outcomes at the population level. Our activities include research, capability building, innovation and translation.

Why join

Contribute to the international research collaboration on digital health systems and join the global learning community.

To join, register at: https://forms.gle/BZ8FhHtU5P2Ux8Xk8

For enquiries

Contact for Digital Health Competencies Launch Event: kphi@kcl.ac.uk

Contact for collaboration with the DHS Collab: dhscollaborative@gmail.com