

UK Health Data Research Alliance Symposium – December 2020

Draft

Date: 1 December 2020

Time: 09:30-17:00

Location: Virtual

Chair: Caroline Cake, CEO, Health Data Research UK

Plenary: Welcome and keynote	
09:30	Chair’s welcome and introduction Caroline Cake, CEO, Health Data Research UK
09:35	Opening: The importance of health data for research and innovation Ottoline Leyser, Chief Executive, UK Research & Innovation
09:45	Launching the HDR UK Black Internship Programme Caroline Cake, CEO, Health Data Research UK Ruth Agbakoba, Co-founder, BlackInData
09:55	Facing COVID together: the story and role of health data research Caroline Cake, CEO, Health Data Research UK Panellists: <ul style="list-style-type: none"> • Derek Stewart, Patient Representative, Health Data Research UK and PA Consulting • Jill Hopkins, Global Head, Ophthalmology Personalised Care, Roche-Genentech • John Danesh, Research Director, HDR UK Cambridge • Amitava Banerjee, Associate Professor in Clinical Data Science and Honorary Consultant Cardiologist, University College London Hospitals NHS Trust
10.35	BREAK

10:45	Breakout groups: Trustworthy access to health data (COVID and beyond)		
	Stream 1: Priority datasets to answer priority questions	Stream 2: Trusted (and productive) Research Environments for safe research	Stream 3: Streamlined access and authentication
	<p>Chair: Alison Pritchard, Deputy National Statistician and Director General for Data Capability, Office for National Statistics (ONS)</p> <p>Panellists:</p> <ul style="list-style-type: none"> • Laura Shallcross, Clinical Lecturer, UCL • Rich Fry, Senior Lecturer, Biomedical Sciences, Swansea University • Cathie Sudlow, Director, BHF Data Science Centre • Patient representative TBC 	<p>Chair: Susheel Varma, Director of Engineering, Health Data Research UK</p> <p>Panellists:</p> <ul style="list-style-type: none"> • Angela Wood, Senior Lecturer in Biostatistics, University of Cambridge • David Sibbald, CEO, Aridhia • James Zwiers, Senior Technical Architect, NHS Digital • Matthew Howard, International Lead, Healthcare Data Sciences & AI, AWS 	<p>Chair: David Ford, Professor of Health Informatics, Swansea University</p> <p>Panellists:</p> <ul style="list-style-type: none"> • Alex Bailey, Programme Manager, Medical Research Council • Sarah Henry, Director, Methods, Data & Research, Office for National Statistics (ONS) • Phil Booth, Coordinator, MedConfidential
11:35	Break		
11:45	Plenary: Innovation Gateway demo and drop-in session		
	<p>Creating the UK portal for data and tools in partnership: a demonstration of the UK Health Data Research Innovation Gateway</p> <p>Panellists:</p> <ul style="list-style-type: none"> • Peggy Barthes-Streit, Technology Partnership Director, Health Data Research UK • Susheel Varma, Director of Engineering, Health Data Research UK 		
	Plenary: Lightning talks		
12:05	<p>Lightning talks: Innovating together</p> <p>Chair: Peggy Barthes-Streit, Technology Partnership Director, Health Data Research UK</p> <ul style="list-style-type: none"> • <i>The use of AI to empower patients and enable self-management of key health care services</i> <ul style="list-style-type: none"> ○ Ron Burdis, EBO, Business Consultant • <i>Human Centric Drug Discovery in migraines using UK health data</i> <ul style="list-style-type: none"> ○ Zameel Cader, CSO, Human Centric Drug Discovery 		

	<ul style="list-style-type: none"> • 34,000 IBD patients. 176 hospitals. 8 days from idea to go-live: Helping both IBD patients and their clinical teams with COVID-19 risk assessments <ul style="list-style-type: none"> ○ Liz Dobson, CEO, IBD Registry • Improving outcomes for patients with high blood pressure through data driven therapy personalisation <ul style="list-style-type: none"> ○ Hakim Yadi, Co-Founder & CEO, Closed Loop Medicine Ltd 		
12:35	LUNCH		
	Breakout groups: Scaling up – COVID and beyond		
13:30	Stream 1: Scaling up computing for AI and data tools	Stream 2: Scaling up data services to meet national and global challenges	Stream 3: Data through our lifetimes
	<p>Chair: Indra Joshi, Director of AI, NHSX</p> <p>Panellists:</p> <ul style="list-style-type: none"> • Jim Hendler, Director and Head of Computer Science, Rensselaer Polytechnic Institute • Cian Hughes, Informatics Lead, Google Health Research • Laura Robinson, Health & Life Sciences Lead, Microsoft 	<p>Chair: Ben Gordon, Executive Director – Hubs and Data Improvement, Health Data Research UK</p> <p>Panellists:</p> <ul style="list-style-type: none"> • Blythe Adamson, Director, Quantitative Sciences, Flatiron • Irina Bolychevsky, Director, Operability & Standards, NHSX • Rosanna Fennessy, • Adrian Jonas, Associate Director - Data and Analytics, NICE 	<p>Chair: Neena Modi, Professor of Neonatal Medicine, Imperial College London</p> <p>Panellists:</p> <ul style="list-style-type: none"> • Mike Inouye, Principal Research Associate, Systems Genomics & Population Health, University of Cambridge • Nic Timpson, Professor of Genetic Epidemiology, University of Bristol • Angus Patrick, PPIE Representative, INSIGHT • Diana Kuh, Professor of Life Course Epidemiology, UCL
14:20	BREAK		
	Plenary: Federation and a look to the future		
14:30	<p>How will data transform the future of healthcare?</p> <p>Douglas Gurr, Head, Amazon UK</p> <p><i>In conversation with</i> Caroline Cake, CEO, Health Data Research UK</p>		

15:00	BREAK	
15:10	Breakout group: Federation – what’s next?	
	Stream 1: Federated analytics	Stream 2: International open research and data sharing
	<p>Chair: Dave Robertson, Interim Director, HDR UK Scotland</p> <p>Panellists:</p> <ul style="list-style-type: none"> • Roger Nobel, Founder & Chief Executive Officer, Zegami • Emily Jefferson, Director, Health Informatics Centre (HIC), University of Dundee • Mandy Chessell, Distinguished Engineer, IBM 	<p>Chair: Georgina Humphreys, Clinical Data Sharing Manager, Wellcome Trust</p> <p>Panellists:</p> <ul style="list-style-type: none"> • Phaik Yeong Cheah, Associate Professor, University of Oxford • Gary Saunders, Human Data Coordinator, ELIXIR • Tim Smith, Head of Collaboration, CERN • Rachel Plachcinski, Patient and Public Involvement Consultant
	Closing plenary	
16:00	Standards for genomic medicine, GA4GH and its use in research Ewan Birney, Director, European Bioinformatics Institute	
16:35	Closing remarks Andrew Morris, Director, Health Data Research UK	
16:40	Optional networking session	
17:00	Close	