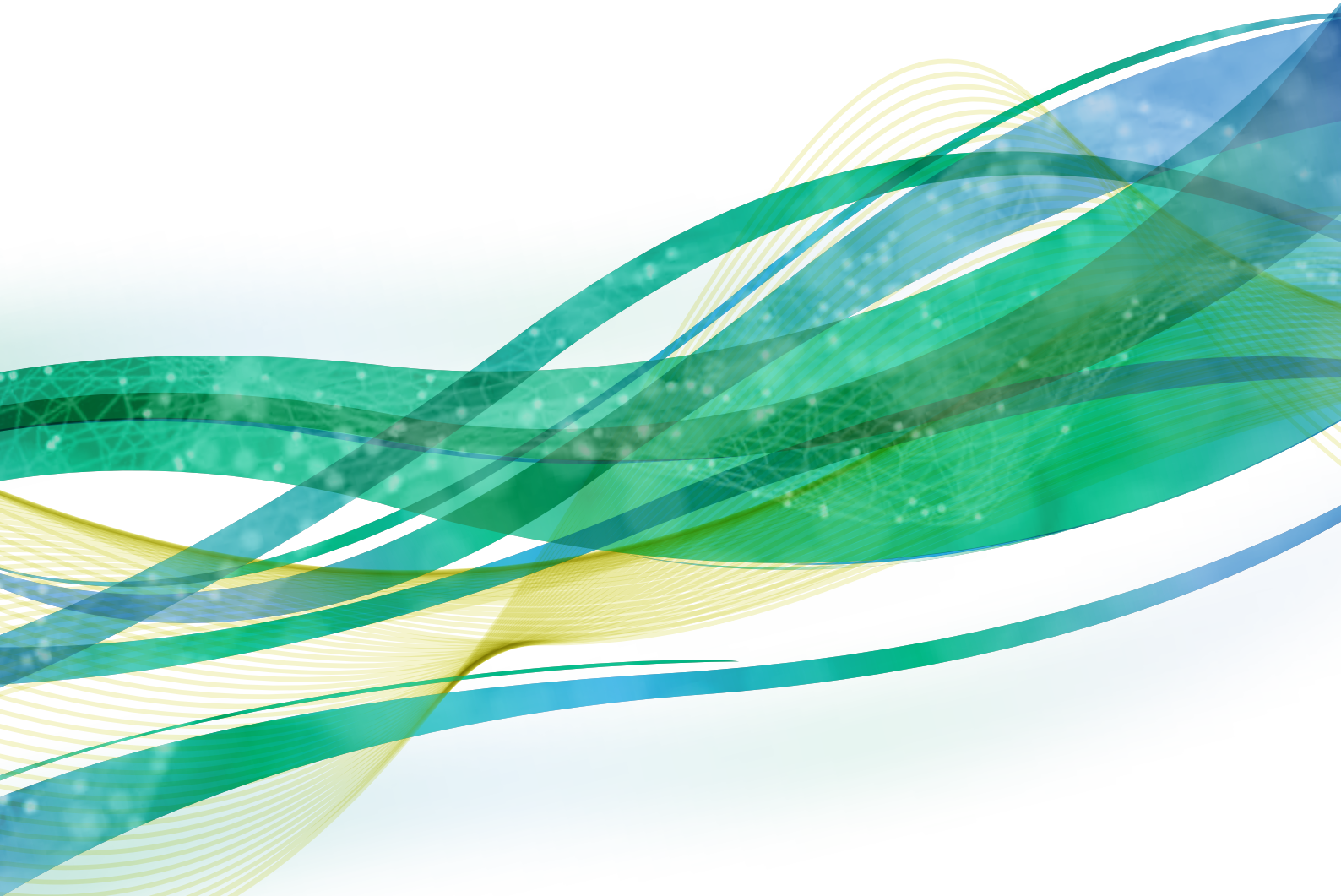


# Innovation in Healthcare Summit

11 December 2017

## Programme



#IIHS17



مؤسسة قطر  
Qatar Foundation



مؤتمر القمة العالمية للحكومات في الرعاية الصحية  
World Innovation Summit for Health



IMPERIAL COLLEGE  
HEALTH PARTNERS

Imperial College  
London  
Institute of  
Global Health Innovation

# Agenda

Time	Session Overview	Speaker(s)
09:00 - 09:20	Welcome and scene setting	<b>Professor Ara Darzi</b> , Director, IGHI and Executive Chair of WISH
09.20 – 09.50	Keynote address	<b>Lord O’Shaughnessy</b> , Parliamentary Under Secretary of State for Health
09.50 – 10.10	Keynote: Innovating in other industries – lessons for the NHS	<b>Professor Dr Adam Hill</b> , Chief Medical Officer, McLaren Technologies
10.10 - 10.50	Panel session: Innovation across the globe	<b>Greg Parston</b> , Executive Advisor to Director of IGHI <b>Eric Langshur</b> , CEO, Avia <b>Dr Matthew Harris</b> , Clinical Senior Lecturer, Imperial College and IGHI <b>Dr Walid Qoronfleh</b> , Director of Research and Policy, WISH
10.50 – 11.10	Coffee break	
11.10 – 11.30	Keynote: Cultivating the demand side of innovation	<b>Eric Langshur</b> , CEO, Avia
11.30 – 12.10	Panel session: Innovation in healthcare – the national picture	<b>Dr Jennifer Dixon</b> , CEO, The Health Foundation <b>Rachel Dunscombe</b> , CEO, NHS Digital Academy <b>Ian Dodge</b> , National Director, Strategy and Innovation, NHS England <b>Nicole Mather</b> , Director, Office for Life Sciences
12.10 – 12.50	Keynote: Creating innovation eco-systems	<b>Dr Victor Dzau</b> , President, U.S National Academy of Medicine
12.50 – 13.00	Reflections from the morning	MC ( <b>Nigel Edwards</b> , CEO, Nuffield Trust)
13.00 – 14.00	Lunch and networking	
14.00 -14.10	Introducing WISH Young Innovators	<b>Anwar Almojarkesh</b> with ‘Braci’ <b>Ahmad Nabeel</b> with ‘The virtual beam and the self-cleaning laparoscope’
14.10 -14.50	Keynote: Using behavioral insights to drive improvements in healthcare	<b>David Halpern</b> , CEO, Behavioral Insights Team
14.50 -15:45	Panel session: Implementing innovation – all your questions answered	<b>Dr Axel Heitmueller</b> , Managing Director, ICHP <b>Professor Mike Hannay</b> , Chair of the AHSN Network and MD, East Midlands AHSN <b>Dr Matt Prime</b> , Orthopedic surgeon, Imperial College Healthcare NHS Trust <b>Dr Caz Sayer</b> , Former Chair of Camden CCG <b>Shane Degaris</b> , CEO, The Hillingdon Hospitals NHS Foundation trust <b>Tessa Awe</b> , CEO, Council for Voluntary Services, Brent (TBC) <b>Lawrence Petalidis</b> , Head of Innovation and Impact, CW+
15.45 – 16.00	Closing remarks	MC ( <b>Nigel Edwards</b> )

# Foreword

**Innovation is often heralded as the answer to many problems facing healthcare today. Harnessing the benefits from innovation, however, is a shared challenge around the world.**

Today’s Innovation in Healthcare Summit will provide you with a unique blend of both inspirational talks and practical learning sessions to bridge the gap between what we know and what we do. We’ll be sharing our own lessons which may help you with implementation of innovation in your own organisations and regions. And you’ll also have the opportunity to listen to UK and international experts, covering topics ranging from the global picture of innovation and lessons from industry, to a range of perspectives on the adoption of innovation and some of the levers currently in place to support it.

This is a very practically focused event - we want to ensure that you and your colleagues have some actionable learnings to take away.

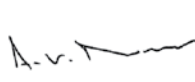
We hope you enjoy today’s event, and thanks again for participating!

#IHS17




  
Dr Axel Heitmueller  
Managing Director  
ICHP



  
Prof. Ara Darzi  
Director  
IGHI



  
Sultana Afdhal  
Acting CEO  
WISH



# Plenary speakers



## **Professor the Lord Darzi of Denham OM KBE PC FRS**

**Director of the Institute of Global Health Innovation at Imperial College London and Executive Chair of WISH**

Professor Darzi holds the Paul Hamlyn Chair of Surgery at Imperial College London, and the Institute of Cancer Research and is Executive Chair of the World Innovation Summit for Health in Qatar. He is a Consultant Surgeon at Imperial College Hospital NHS Trust and the Royal Marsden NHS Trust.

Professor Darzi leads a large multidisciplinary team across a diverse portfolio of academic and policy research. He has published over 1,000 peer-reviewed research papers to date, developing his status as a leading voice in the field of global health policy and innovation. In recognition of his achievements, Professor Darzi was elected a Fellow of the Academy of Medical Sciences, an Honorary Fellow of the Royal Academy of Engineering, a Fellow of the Royal Society and a foreign associate of the Institute of Medicine.

In 2002, he was knighted for his services in medicine and surgery, and was introduced to the United Kingdom's House of Lords as Professor the Lord Darzi of Denham in 2007. He has been a member of the Privy Council since June 2009 and was awarded the Order of Merit in January 2016.

## **Lord O'Shaughnessy**

**Lord O'Shaughnessy was appointed as a Parliamentary Under Secretary of State at the Department of Health and a Government Whip (Lord in Waiting) in December 2016.**

Lord O'Shaughnessy was a senior fellow at the Legatum Institute and at the Jubilee Centre for Character and Virtues at the University of Birmingham.

In 2013, he founded Floreat Education, a multi-academy trust of 3 primary schools in Wandsworth, Wokingham and Brentford that provides an 'academics and character' educational philosophy. He held a number of other education and advisory positions.

In his role as Director of Policy to the Prime Minister between 2010 and 2011, he was responsible for co-authoring the coalition's programme for government and overseeing the implementation of the government's domestic policy programme.

He was Director of the Conservative Research Department from 2007 to 2010 and authored the Conservative Party's general election manifesto.

He was made a life peer in 2015.



## **Professor Dr Adam Hill**

**Chief Medical Officer, McLaren Applied Technologies**

Dr Hill is the CMO for McLaren Applied Technologies, McLaren Groups' advanced technology, innovation and design company. In this role Adam is responsible for directing and defining the Health business, and creating intelligent products and processes to improve health outcomes and reduce health inequality spanning from digital therapeutics to human performance.

A dual-qualified Clinician and Mechanical Engineer, Adam graduated from Imperial College London, the Royal Military Academy Sandhurst and the Royal College of Surgeons of England. In recent the recent past, he has successfully founded an applied health research centre, strategically advised global life science companies for the UK government and lead a multinational, publicly-listed Health IT brand. In addition, Adam has contributed to over 100 publications, 12 academic awards and patents, and is a Visiting Professor in the Institute of Global Health Innovation at Imperial College London.



## **Dr Victor Dzau**

**President, National Academy of Medicine (NAM), USA**

Dr Victor J. Dzau is the President of the National Academy of Medicine (NAM), formerly the Institute of Medicine (IOM) in the United States. In addition, he serves as Vice Chair of the National Research Council. Dr. Dzau is also James B. Duke Professor of Medicine and Chancellor Emeritus at Duke University and the past President and CEO of the Duke University Health System.

Dr Dzau is recognised globally for a long and highly decorated career as a scientist, administrator and leader. His important work on the renin angiotensin system (RAS) paved the way for the contemporary understanding of RAS in cardiovascular disease and the development of widely used, lifesaving drugs. Dr.Dzau also pioneered gene therapy for vascular disease, and his recent work on stem cell paracrine mechanisms and the use of microRNA in direct reprogramming provides novel insight into stem cell biology and regenerative medicine.

In his role as a leader in health, Dr. Dzau has led significant efforts in health innovation. His vision is for academic health sciences centers to lead the transformation of medicine through innovation, translation, and globalization. In 2010, he advanced the concept of Discovery to Care Continuum. To create an Innovation ecosystem, he developed the Duke Translational Medicine Institute, the Duke Global Health Institute and the Duke Institute for Health Innovation. Dr Dzau is a leader in global health innovation and developed the Duke-National University of Singapore Graduate Medical School. In 2011, he led a partnership between Duke University, the World Economic Forum, and McKinsey, and co-founded the non-profit organization named Innovations in Healthcare (formerly International Partnership for Innovative Healthcare Delivery) which supports the growth and scaling of a global network of innovators and currently chairs its Board of Directors. Dr Dzau was also chair of the WISH 2016 Precision Medicine forum.



# Plenary speakers



**Nigel Edwards**  
Chief Executive, Nuffield Trust

Nigel Edwards is Chief Executive at the Nuffield Trust. Prior to becoming Chief Executive in 2014, Nigel was an expert advisor with KPMG's Global Centre of Excellence for Health and Life Sciences and a Senior Fellow at The King's Fund.

Nigel was Policy Director of the NHS Confederation for 11 years and has a wealth of experience in health and social care. He joined the organisation from his former role as Director of the London Health Economics Consortium at the London School of Hygiene and Tropical Medicine, where he remains an honorary visiting professor.

Nigel has a strong interest in new models of service delivery and a practical focus on what is happening at the front line as well as a wealth of experience in wider health care policy in the UK and internationally.

Nigel is a well-known media commentator, often in the spotlight debating key policy issues.

Nigel is currently working with the WHO Regional Office for Europe and the European Observatory on Health Systems and Policies on developments in health care provision in Europe.



**David Halpern**  
CEO, Behavioral Insights Team

David Halpern is the Chief Executive of the Behavioural Insights Team and Board Director. He has led the team since its inception in 2010. Prior to that, David was the founding Director of the Institute for Government and between 2001 and 2007 was the Chief Analyst at the Prime Minister's Strategy Unit. Before entering government, David held tenure at Cambridge and posts at Oxford and Harvard. He has written several books and papers on areas relating to behavioural insights and wellbeing, including Social Capital (2005), the Hidden Wealth of Nations (2010), and co-author of the MINDSPACE report. David has recently written a book about the team entitled Inside the Nudge Unit: How Small Changes Can Make a Big Difference. He was also chair of the WISH 2016 Behavioural Insights Forum.



**Anwar Almojarkesh**  
CEO and founder of Braci Ltd

Syrian innovator Anwar Almojarkesh is CEO & Founder of Braci Ltd., which provides specialised technology solutions to the hearing impaired. During his career as an innovator, Anwar has won over 40 awards and prizes since the age of 14. Anwar's Braci device has received a range of awards at startup competitions, including 'Slush' in Finland and 'Starcube' in the Czech Republic. He was awarded incubation support for his company by an accelerator program in Denmark, and from the RubixLab program based in the Slovakian city of Bratislava. Now based in Birmingham, UK, Braci was named one of the top 50 most creative companies in England according to "Creative England's CE50" research.

Anwar has previously showcased his product at WISH 2016 in Doha and on the popular pan-Arabic TV show "Stars of Science".



**Ahmad Nabeel**  
Medical doctor at Amiri Hospital and Inventor at Qatar Foundation.

One of his inventions is the self-cleaning laparoscope. As a surgical intern, he saw the frustration on his mentors' faces every time they had to take out the laparoscope from inside a patient during surgery to clean it. Ahmad was convinced there had to be a better way - a device that would save time, reduce stress, and increase safety during surgeries. This prompted him to devise a method of cleaning the laparoscope lens without having to remove it from the patient, minimising infection and reducing the amount of surgery time spent on manual cleanup of tools during procedures. He now hopes to apply the method to other surgical tools in the future and significantly improve how surgeries are conducted. In autumn 2017, Ahmad showcased his invention on "Stars of Science" where he was mentored by Professor The Lord Darzi of Denham, WISH's Executive Chair.



# Panel speakers



## Greg Parston

**Executive Advisor to Professor Lord Ara Darzi, Director of the Institute of Global Health Innovation at Imperial College London.**

Greg helps lead IGHI's global research on diffusion of healthcare innovation, use of behavioural simulations in policy making and study of the efficacy of citizen engagement.

In 1988, Greg co-founded the Office for Public Management, a public service organisational development company, which he led as Chief Executive. Following OPM's conversion to an employee-owned trust in 2006, Greg was invited to establish Accenture's global Institute for Health & Public Service Value, which he directed until 2011.

Over the years, Greg has personally advised many organisation leaders, including in the National Health Service, the British Museum, the Audit Commission, the BBC, the Metropolitan Police, the Wellcome Trust, the Gates Foundation, and the World Bank.

Among other appointments, he has served on HM Treasury's Public Sector Productivity Panel and as non-executive director of the National Audit Office; he chaired the Barrow-Cadbury Commission on Young Adults and Criminal Justice and the English Touring Theatre. He initiated the Independent Commission on Good Governance in Public Services, contributed to creation of Community Interest Companies in England and co-founded Take Our Daughters to Work UK.

Currently, Greg Chairs the Dartington Hall Trust, a centre for progressive arts, learning and enterprise in Devon, and the Collaborate Foundation, which fosters cross-sector public service.



## Eric Langshur

**CEO, AVIA and Managing Partner, Abundant Venture Partners.**

Eric is the CEO and co-founder of AVIA and co-founder of Abundant Venture Partners, a purpose based incubator focused on improving the human condition by creating companies that improve Human Wellness, Human Performance and Human Engagement.

A values-based entrepreneur, Eric is also a co-founder and director of LIFE CrossTraining and is also currently a director of Healthfinch, PUSH Wellness, Transparent Media Partners, and PatientWisdom.

Eric was an early leader in the social media field, as the founder of CarePages sold to Steve Case. Eric also founded Rise Health, a venture-backed healthcare digital technology company sold to Best Doctors.

Before transitioning to values-based entrepreneurship, Eric held top corporate executive positions at United Technologies Corporation and Bombardier Aerospace.

Eric is also a New York Times best-selling author. His book "Start Here: Master the Lifelong Habit of Wellbeing" was published by Simon and Schuster: North Star Way in 2016.



## Dr Matthew Harris

**Clinical Senior Lecturer in Public Health Medicine, IGHI and the School of Public Health, Imperial College**

Dr Harris is also an Honorary Consultant in Public Health at Imperial College Healthcare Trust, and his research on Reverse Innovation explores the barriers and challenges to adopting healthcare innovations and models of care from low- and middle-income countries into the NHS, focussing in particular on the role of unconscious bias in knowledge diffusion. He has published over seventy research papers in journals such as NEJM, Health Affairs, BMJ Quality and Safety and Globalization and Health.

He has over 15 years experience supporting Low and Middle Income health systems through Primary Health Care, disease surveillance and HIV/AIDS activities and supporting UK NHS Public Health through health services and policy research. Matthew was formerly a family doctor in Brazil (1999-2003), WHO Polio Consultant in Ethiopia (2004-5), HIV Technical Consultant in Mozambique (2005-6). He was a Global Health Advisor to the UK Department of Health (2011-13) and a US Commonwealth Fund Harkness Fellow in Healthcare Policy and Practice, New York University (2014-15). He graduated in Medicine from UCL and obtained his DPhil from Oxford University.



## Dr M. Walid Qoronfleh, Ph.D., MBA

**Director of Healthcare Research and Policy, WISH**

Immediately prior to his WISH role, Dr Qoronfleh was Biotechnology Development Director at Qatar Biomedical Research Institute (QBRI). Dr. Qoronfleh's areas of research are biotechnology, diagnostics, and personalized medicine and he has over 20 years of scientific, technology, business, and commercial experience. He has held several senior management and executive positions with increasing responsibilities at GSK, Sanofi, NIH-NCI, NextGen Sciences (VP, Personalized Medicine) and SDIX (Exec. Dir., Diagnostics business, Nasdaq: SDIX).

Dr. Qoronfleh is the founder of three biotechnology companies and he is a co-founder and the managing director of the boutique consulting company Q3CG. He is an ad hoc reviewer for various scientific journals and a frequent speaker at international conferences. He is also editor of two journals: the Journal of Social & Economical Issues of Biotechnology and The Scientific World Journal – Proteins & Proteomics. He obtained his Ph.D. from The University of Louisville–School of Medicine, he received his MBA from Penn State University, and holds marketing certification from The University of Wisconsin–Madison.



**Dr Jennifer Dixon**  
**Chief Executive, Health Foundation**

Dr Jennifer Dixon joined the Health Foundation as Chief Executive in October 2013.

Jennifer was Chief Executive of the Nuffield Trust from 2008 to 2013. Prior to this, she was director of policy at The King's Fund and was the policy advisor to the Chief Executive of the National Health Service between 1998 and 2000. Jennifer has undertaken research and written widely on health care reform both in the UK and internationally.

Originally trained in medicine, Jennifer practised mainly paediatric medicine, prior to a career in policy analysis. She has a Master's in public health and a PhD in health services research from the London School of Hygiene and Tropical Medicine. In 1990, Jennifer was a Harkness Fellow in New York.

In 2009, Jennifer was elected a fellow of the Royal College of Physicians. She was awarded a CBE for services to public health in 2013. In October 2016, Jennifer became a member of the Parliamentary Review of Health and Social Care in Wales.



**Rachel Dunscombe**  
**CEO, NHS Digital Academy**

Rachel is also Director of Digital for the Northern Care Alliance NHS Group, CRO for Greater Manchester Datawell and Chair of the HIMSS UK Advisory Board. She has extensive experience of implementing successful technologies in healthcare, consumer and financial markets.

Rachel is no. 3 CIO in the CIO 100 2017 (all markets) and was awarded the most disruptive CIO in Europe 2016 in the Talent unleashed awards.



**Ian Dodge**  
**National Director, Strategy and Innovation, NHS England**

Ian Dodge joined the NHS England Board in July 2014. Ian is the National Director for Strategy and Innovation, and has been closely involved in developing the 'NHS Forward View', setting up new care models, STPs and accountable care systems. His portfolio includes: NHS England's strategy teams; stimulating personalisation and choice; the future development of primary care; commissioning policy; and supporting innovation. Previously Ian worked for many years in the old NHS Executive within the Department of Health, and also in No 10. He was head of Policy Profession at the Department of Health and led a cross government review of policy making across Whitehall. His interest in healthcare was stimulated by working voluntarily as a health care assistant in 1989-90 in Jerusalem and Kolkata. Ian became an Adjunct Professor at the Institute for Global Health Innovation, Imperial College London in May 2012.



**Dr Axel Heitmueller**  
**Managing Director, Imperial College Health Partners**

Axel has been involved with Imperial College Health Partners since its conception in 2011 as an Interim Director and joined the Partnership full-time in August 2013 as Director of Strategy and Commerce.

Prior to joining the Partnership, Axel was Executive Director of Strategy and Business Development at Chelsea and Westminster Hospital NHS Foundation Trust. He brings a broad range of experience from academia and central government where he was Deputy Director and Chief Analyst at the Prime Minister's Strategy Unit in the Cabinet Office and No 10.



**Nicole Mather**  
**Director, Office for Life Sciences**

Nicole works closely with industry and Ministers to enable development of a refreshed life sciences industrial strategy and to best position the UK to take advantage of the opportunities presented for life sciences by leaving the EU, working with DExEU. OLS works closely with DIT Life sciences and Healthcare UK and FCO teams around the world to support trade and inward investment in healthcare and life sciences.

Through OLS, Nicole chairs and leads delivery, via cross-government boards, of a range of programmes such as the Early Access to Medicines Scheme, the advanced therapies manufacturing task force, a digital health industrial strategy and development and delivery of a trade and inward investment strategy across life sciences. OLS joins up Life Sciences policy from Innovate UK and NIHR to MHRA, NICE and NHS England.

Prior to leading OLS, Nicole was a Director in Deloitte's Healthcare and Life Sciences Strategy Consulting practice, and an Associate at AT Kearney. She has an MA in Physiological Sciences and an MSc and DPhil in Neuroscience from the University of Oxford.



**Dr. Matt Prime**  
**Academic Orthopedic Surgeon, Chelsea and Westminster NHS Foundation Trust**

Matt recently finished a PhD in the Diffusion of Frugal Innovation in Healthcare, where he was based at the Institute of Global Health Innovation within Imperial College. As part of this work he evaluated the potential of the Arbutus Drill Cover System, a frugal innovation for Orthopaedic Surgery, to be introduced into the UK.

He is a keen advocate of digital healthcare and is the co-founder of Open Medical Ltd, a health technology start-up based in London. Open Medical has developed eTrauma, a cloud-based clinical coordination system, currently used by multiple hospitals across London & SE England to improve the management of patients with traumatic injuries.

Matt previously worked for 3 years as a clinical advisor to the HELIX Center for Design in Healthcare where he was involved in a range of projects including developing digital solutions for stroke victims, which won an Innovate UK grant of 100K, and a digital platform for end-of-life decision making, which received 600K in funding from SBRI.





## **Dr Caz Sayer**

### **Former Chair of Camden CCG**

Caz has had a long-standing and varied clinical career including experience as a partner in general practice for over 30 years, setting up a company (Haverstock Healthcare Ltd) to deliver community-based services and as the elected and appointed chair of Camden CCG from its commencement in 2011 from which she has recently stepped down on completion of her two terms. While Chair of Camden CCG she sought to establish a 'value-based' approach to commissioning healthcare leading the establishment of a range of community-based services integrating health and social care, underpinned by the development of a population health management tool segmenting the population by need and driven by patient-defined outcomes. The impact of this approach resulted in measurably improved outcomes for patients and reduced hospital usage with Camden performing above top decile for non-elective admissions.

She is currently developing a new role focusing on primary care workforce development and education and supporting implementation of new models of care alongside working through and establishing links with a range of organisations influencing health policy.

Caz's wider involvement has ranged across a number of contributions (through inclusion on London Health Commission Board), various publications (most recently NEJM Catalyst 'Towards Accountable Care: Achieving Value and Integration Via Population Health management') to numerous national and international presentations including Hong Kong Health Convention 2015, Scottish Parliament 2015 and Kings Fund 2016.



## **Professor Mike Hannay**

### **Chair of The AHSN Network and Managing Director of East Midlands AHSN**

Professor Mike Hannay has more than 25 years' experience of working in the pharmaceutical industry, with an excellent track record of building collaboration with healthcare. Mike joined EMAHSN in August 2016 from ThermoFisher Scientific, where he was Vice President for the UK BioPharma Services Division. That role built upon his significant experience both nationally and internationally, including Vice President of Medicines Development at AstraZeneca. He was appointed Chair of The AHSN Network in September 2017.



## **Shane DeGaris**

### **Chief Executive of The Hillingdon Hospitals NHS Foundation Trust**

Shane was appointed Chief Executive of The Hillingdon Hospitals NHS Foundation Trust following a period as acting Chief Executive in 2012.

He is an experienced NHS director having worked in a number of London trusts in senior management roles including Director of Operations and Deputy Chief Executive. Shane is also a Board member of the North West London Local Education and Training Board.



## **Tessa Awe**

### **CEO, Council for Voluntary Services, Brent**

Tessa Awe was born in Belize and completed a Bachelor's degree in Human Relations, a post-graduate degree in Educational Technology and a Master's Diploma in Change Management in Canada. Immediately after university she worked in the NGO sector leading a diverse range of projects to improve the lives of the most vulnerable.

Working strategically with organisations and communities in the UK in senior roles, she has been the CEO of an infrastructure body and heavily involved in patient and public engagement, partnership working with local government, civil society, funding agencies and the NHS across north west London. She is currently focused on providing consultancy in change management, patient and public engagement, monitoring and evaluation and financial sustainability.



## **Lawrence Petalidis**

### **Head of Innovation and Impact, CW+**

Lawrence focuses on the CW+ digital health innovation programme and the charity's impact. He is also a NHS navigator for the London Digital health accelerator, for which the CW+ charity is a delivery partner. A biochemist and neurobiologist by training, Lawrence holds a PhD in molecular neurooncology from Addenbrookes Hospital, Department of Pathology, University of Cambridge. He has over 10 years experience in business development and project management across corporate and academic settings.

Lawrence is particularly interested in interdisciplinary team co-creation towards complex clinical and scientific problem solution development, digital change management, technology commercialisation and impact measurement.

# Host organisations

## Imperial College Health Partners Imperial College Health Partners (ICHP) innovates and collaborates for a healthier population.

We turn the potential of innovation into reality to help solve pressing challenges by collaborating across the health sector. By connecting a unique network of health experts we can accelerate the adoption and spread of innovation amongst our member organisations.

Imperial College Health Partners is a partnership organisation bringing together NHS providers of healthcare services, clinical commissioning groups and leading universities across North West London.

We are also the designated Academic Health Science Network (AHSN) for North West London and members of The AHSN Network.

For more information visit.  
[imperialcollegehealthpartners.com](http://imperialcollegehealthpartners.com)

## WISH The World Innovation Summit for Health (WISH) is a global healthcare community dedicated to capturing and disseminating the best evidence-based ideas and practices.

WISH is an initiative of Qatar Foundation for Education, Science and Community Development (QF) and is under the patronage of Her Highness Sheikha Moza bint Nasser, QF's Chairperson.

WISH gathers its community at a major summit in Doha every two years, with the next summit scheduled for 13-14 November 2018. Away from the main biennial summit, WISH continues to have impact throughout the year through its participation in international summits, by conducting novel research, and by organising a wide range of community-based initiatives.

WISH is committed to creating a global network of leading innovators in healthcare policy, research and industry. Working together, WISH's community members are harnessing the power of innovation to overcome the world's most urgent healthcare challenges and inspire other stakeholders to action.

For more information, visit  
[www.wish.org.qa](http://www.wish.org.qa)

## IGHI The Institute of Global Health innovation (IGHI) is one of six global challenge institutes established by Imperial College London to address some of the most important issues facing today's society.

The Institute's vision is to support the identification, development and widespread diffusion of healthcare innovation, and in doing so to sustainably reduce inequalities in global healthcare for generations to come. Aligned with the College's strategic aims, the Institute focuses on the delivery of high quality and internationally pertinent research in the areas of global health policy development, technological innovation, medical robotics, healthcare design, nutrition and the gut microbiome, international child health and health research across Africa.

For more information, visit  
[www.imperial.ac.uk/ighi](http://www.imperial.ac.uk/ighi)

# Exhibitors

## Virtual Beam and the Self-Cleaning Laparoscope

**Kuwaiti inventor Ahmad Nabeel will be showcasing a self-cleaning laparoscope – a method which enables surgeons to clean a laparoscope lens without having to remove it from the patient.**

This minimizes risk of infection, along with cutting significant time from the surgery spent on side tasks like the manual clean-up of tools during procedures.

Ahmad's adapted laparoscope automates the clean-up process for surgical tools, reduces time spent on surgeries, and facilitates the process by making it easier for the surgeon to operate. Surgery students and their mentors also benefit from the fact that Ahmad's invention incorporates a useful internal laser pointer. In autumn 2017, Ahmad showcased his invention on "Stars of Science" where he was mentored by Professor The Lord Darzi of Denham, WISH's Executive Chair.



## Braci

**Syrian innovator Anwar Almojarkesh will be showcasing his development Braci - an assistive pillow for the hearing impaired. His innovation uses advanced sound recognition**

**technology, and involves teaching a pillow how to 'hear' fire alarms, home security alarms, doorbells, and other sounds.**

Using vibration, light, and smell (as well as a smartphone app), the pillow gently and firmly wakes the user when various situations arise. The strength of vibrations and other effects automatically adjust to the severity of the situation in which users find themselves.

Anwar serves as CEO & Founder of Braci Ltd., which provides specialized technology solutions to the hearing impaired. After securing investments of over \$1 million from the UK and Denmark, Anwar is operating in both countries. Tested and approved, the Braci product is now being rolled out to city councils, educational institutions, and hearing clinics. Braci will soon hit international markets – and has recently been tested and ordered by Qatar Assistive Technology Center (MADA).



## Orbis

**Orbis is an international charity that transforms lives by working to eliminate avoidable blindness.**

There are 253 million people in the world who are blind or visually impaired, yet 75% suffer unnecessarily from conditions that are preventable or treatable. Most of these people live in developing countries where access to eye care is scarce.

Providing access to quality eye care is one of the most effective and cost-efficient ways to reverse the cycle of poverty. Orbis train and equip local doctors, nurses and the wider eye care team with the skills they need to prevent and treat avoidable blindness in their communities. Orbis operate the world's only Flying Eye Hospital, a fully accredited ophthalmic teaching hospital aboard an MD-10 aircraft. Its award-winning telemedicine platform, Cybersight digitally extends our mission, giving eye health professionals access to training and support at the click of a button

By partnering with local hospitals, public health agencies, NGOs and governments, Orbis strengthen eye health systems and advocate to make fighting blindness a priority.

Globally, Orbis have more than 60 long-term programmes in 18 countries across Africa, Asia and Latin America.

To learn more, please visit  
[www.orbis.org](http://www.orbis.org) or follow us @ukorbis.





**Imperial College Health Partners**  
<https://imperialcollegehealthpartners.com/>  
@Ldn\_ICHP

**World Innovation Summit for Health (WISH)**  
<http://www.wish.org.qa/>  
@WISHQatar

**Institute of Global Health Innovation (IGHI)**  
<http://imperial.ac.uk/ighi>  
@Imperial\_IGHI