

Wessex Health Innovation Forum: Portsmouth



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Wessex
Academic Health
Science Network

Harnessing bright ideas for patient benefit



Thank you for coming along tonight. We hope you are inspired and energised by tonight's presentations.

The NHS is changing. Health organisations, local authorities and universities are increasingly working together to help meet the challenges the NHS faces.

New innovations and technology will be part of the solution, and will transform healthcare, as they have all other aspects of society. But developing technology that meets healthcare needs, and works sustainably in a real world environment, takes multidisciplinary teams working across sectors.

Tonight is your opportunity to find out more from local healthcare innovators, academics and clinicians who are looking at new ways to tackle current (and future) problems.

The real value in tonight's forum is the new connections you'll make, conversations you'll have and follow-up actions you'll take.

If you'd like further information, or to follow-up on any points tonight, please email:
EnquiriesAHSN@wessexahsn.net

Agenda:

Wednesday, 29 November 2017

Time	Session	Speaker(s)
17:00	Registration and networking (Including tea and coffee)	
17:30	Welcome and opening	Bill Gillespie , CEO, Wessex AHSN Sue Harriman , Solent NHS Trust Chief Exec
17:35	The Problem at Scale	Discuss the gap in funding that the Health system is facing and STPs, i.e. the need for change
17:45	New Research Options for Innovators	Rebecca McKay , Chief Operating Officer, CRN Wessex
17:55	Digitally Defusing Diabetes	Michael Fergusson , CEO, Ayogo, Liz Williams , MSD, and a local CCG speaker
18:15	Virtual Reality for Physical Rehabilitation	Dr Wendy Powell , University of Portsmouth
18:25	The Derma Project	Dr Cressida Bowyer , Derma Research Fellow
18:35	Healios	Richard Andrews , CEO, Healios
18:45	GENIE	Liz James and Nick Sandison , Wessex CLAHRC
18:55	Innovative Models of Diabetes Management	Dr Partha Kar , Portsmouth Hospitals NHS Trust
19:05	From Inspiration to Income: Taking Innovation to Market	Nigel Clarke , Morgan IAT, CEO
19:15	Journey: From Start-up to Sales	Dr Tom Frame , CEO, Fourth State Medicine
19:25	Innovating and Scaling New Care Models	Paul Jennings , National Programme Manager, High Intensity Network
19:35	Closing remarks	Bill Gillespie , CEO, Wessex AHSN
19:40	Buffet and networking	

Speaker biographies



Bill Gillespie
CEO, Wessex AHSN

Bill is an experienced health manager who has worked at board level in health organisations in the UK and overseas for the last 15 years. Since returning to the UK in 2014, Bill has fulfilled a number of consultancy roles including support to the London Health Commission, South West London and St George's Mental Health Trust, Katie Piper Foundation (health charity) and as Interim Regional Director of Specialised Commissioning for NHS England South, before starting with Wessex AHSN in January 2016.



Sue Harriman
CEO, Solent NHS Trust

Trained as a nurse in the Royal Navy. Sue was a trained critical care nurse for a number of years and after completing a BSc in Infection Prevention at the University of Hertfordshire, joined the NHS in 2002 to become a Nurse Consultant in Infection Prevention.

Sue has been an Executive Board Director for nine years. Her executive roles have included Director of Nursing and Allied Health Professions, Chief Operating Officer and Managing Director. Sue was appointed to lead Solent NHS Trust as Chief Executive in September 2014.

Sue has lived and worked, locally, in Hampshire since her military career brought her here nearly thirty years ago. She is committed to bringing health and care services together so they work in partnership with the community, and those who use and work with them.



Rebecca McKay
Chief Operating Officer, CRN Wessex

Rebecca trained as a nurse at the John Radcliffe Hospital in Oxford and went on to work in the coronary care unit. Before embarking on a BA in Social Sciences and later a MSc in Social Research Methodology at London University.

Rebecca started working at Charing Cross Hospital in London as regional nurse co-ordinator on the UK Small Aneurysm Study for 2 years in 1991 before embarking on a 6 year career as a HIV senior research nurse at King's College Hospital, London. Rebecca joined the Barts and The Royal London Hospital in 1999 to set-up and manage the Clinical Research Facility.

In 2002 Rebecca moved to Miami in Florida for 5 years. During that time she worked for a private research company, Elite Research, as their Business Development Manager. On returning to the UK Rebecca started working for the Hampshire and Isle of Wight Clinical Research Network and was appointed the Senior Manager in April 2012. In January 2014

Rebecca was appointed the Chief Operating Officer for CRN Wessex.



Michael Fergusson,
CEO and Founder, Ayogo Health Inc.

Michael is immensely proud to be part of a company acknowledged as one of the 100 most innovative mHealth companies in the world, and that is widely recognised for helping patients take control of their treatments. Over past few years, Michael won many kudos: he was Ernst & Young's Social Entrepreneur of the Year, and named to the PharmaVOICE 100, a peer-nominated list of the 100 most inspiring people in Life Sciences. What he is most proud of, though, is his work creating an environment where he and his colleagues can live the Ayogo motto: to do our best work, to change the world, and to laugh every day.





Liz Williams, MSD

Elizabeth Williams is a Regional Health Care Lead for MSD UK, as part of her regional leadership role, Elizabeth leads projects with a range of partners to help the NHS further its understanding of how data analysis technology can best help healthcare professionals with earlier identification and management of illnesses.

One goal of this work is to help medical professionals identify long term conditions earlier, manage them better and reduce unplanned hospital admissions, with the goal of helping patients to live healthier lives for longer, while also seeking to deliver savings and efficiencies to the healthcare system.



Dr Wendy Powell University of Portsmouth

Dr Wendy Powell is a reader in Virtual Reality at the University of Portsmouth and a subject matter expert in the engineering of virtual reality systems, with 12 years' experience in creating and studying virtual environments and interactive applications. She directs the Virtual Interactions and Applications Research Group at the University of Portsmouth and is also Deputy Director of the Centre for Health Modelling and Informatics.

Dr Powell is a VR Technical Expert for, and Senior Member of, the Institute of Electrical and Electronics Engineers (IEEE). Wendy has a particular research interest in the way in which VR alters our perception and behaviour, and implications for the design of VR for rehabilitation.



Cressida Bowyer Research Fellow, Enterprise & Innovation Faculty of Creative and Cultural Industries, University of Portsmouth

Cressida joined Professor Farrer's Enterprise & Innovation team in the Faculty of Creative and Cultural Industries in 2016 and works on international research projects and in the development of new bids focussed on the University research theme health and well-being.

Projects include DERMA, a €2.7M three year project supported by ERDF Interreg2Seas to develop innovative technologies for the prevention and management of chronic non-healing dermal wounds; and the AIR (Action for Interdisciplinary Air Pollution Research) Network, supported by the MRC-AHRC Global Challenges Research Fund. The AIR network will develop an interdisciplinary research partnership of African and European researchers and community members, with the long-term aim of co-creating innovative, participatory solutions to air pollution in low-resource settings in Sub-Saharan Africa.



Richard Andrews Founder, Chairman and CEO of Healios

Having close family and friends who've suffered from mental illness and dementia, Richard experienced first-hand the challenge of accessing support for both those affected by the illness and the families involved. In 2013, he founded Healios to transform the way mental health care is delivered through technology; helping people with mental illness or neurodevelopmental conditions, families and carers effectively move forward and achieve their goals - providing a better quality of life.

His passion for combining overall wellbeing, science and technology has led him to develop world-leading innovative services that fit around the lifestyles and circumstance of the whole family - improving lives by bringing healthcare easily to those in need.

Richard is a healthcare advisor to The Economist and has been the recipient of 'Best UK Mental Health Executive Award' and 'Excellence Award for Suicide Prevention Initiatives'.





Liz James
Senior Researcher within CLAHRC Wessex
(Collaboration for Leadership in Applied Health
Research and Care)

Liz has a research focus on engagement with self-directed support in chronic illness/long-term condition management. Liz's background is predominantly in qualitative research within health and educational settings. She has worked on evaluative research projects for national charities (e.g. the British Heart Foundation & the Stroke Association) in addition to current academic research within the Faculty of Health Sciences at the University of Southampton.

Liz's research focuses on the development and implementation of interventions which facilitate engagement in the collective process of self-management support. She has a particular interest in how social networks and personal relationships can help people living with chronic illness connect with community resources and local activities whilst providing support to manage their health and everyday lives. Liz values the involvement of patients and members of the public in all stages of applied health research from design to dissemination.



Nick Sandison
Projects Manager with CLAHRC Wessex
(Collaboration for Leadership in Applied Health
Research and Care)

He is responsible for managing a number of implementation and research projects within the programme, fulfilling an overall co-ordination, monitoring and project management role.

Nick's background is engineering and project management. Of the many CLAHRC projects, he is particularly interested and excited about GENIE, a social network tool designed to assess, engage and link people with social activities and support. This provides tailored help to those with long-term conditions to enable them to manage their health and everyday lives.



Dr Partha Carr
Portsmouth Hospitals NHS Trust

Has been a Consultant in Diabetes and Endocrinology at Portsmouth Hospitals NHS Trust since 2008. He has been the Clinical Director of Diabetes from 2009-2015, being part of a multiple national award-winning department (HSJ Awards / BMJ Awards) due to its services and care provided.

One of his main areas of passion is in helping to redesign diabetes care in an attempt to integrate chronic disease management across primary and secondary care. He is the pioneer of the Super Six Diabetes Model which aims to deliver diabetes care differently. He is an avid user of social media such as twitter (@parthaskar) to engage with patients - and been recognised as a "Social media Pioneer" by HSJ in 2014. Recent innovations have involved the Hypoglycaemia Hotline, which was recognised in the Guardian Healthcare Awards 2013.

He is also the co-creator of TAD talks (Talking About Diabetes) and the Type 1 Diabetes comic ("Origins") - while also involved in setting up a Type 1 Diabetes information portal (T1resources.uk).

He is also Associate National Clinical Director, Diabetes with NHS England leading on digital innovation.



Nigel Clarke
CEO, Morgan Innovation & Technology

Nigel joined Morgan Innovation & Technology in early 2015, and is the son of the company's founders, Howard and Sue Clarke, and continues the family tradition of nurturing innovative ideas to commercial success. An experienced entrepreneur, Nigel had previously established his own sportswear company in Hong Kong and developed it into a highly successful brand.

After ten years in the Far East gaining considerable knowledge of international trading across four continents, Nigel sold his company and returned to the UK. With his extensive background in sales and international business, Nigel joined Morgan IAT to manage key clients and projects, and now oversees the strategic development of the company.





Dr Tom Frame CEO, Forth State Medicine

Began his career as a professional engineer having spent his career in the pharmaceutical and medical sectors, developing X-ray machines and instrumentation before moving into the space sector where he has been influential in a broad range of satellite missions and technology developments across Europe and the US.

In December 2012 after identifying an opportunity inspired by technology widely used in the control of satellites, he founded Fourth State Medicine Ltd to take advantage of a proprietary platform technology developed with his co-founders. Fourth State is a manufacturer of medical devices and healthcare solutions built on a portfolio of proprietary technologies that find application in a broad range of sectors. The products encompass a broad range of solutions, first of which is a new cosmetic enhancement tool, with significant benefits over existing treatments including reduced scarring, quicker recovery times and less discomfort for the patient. The technology is also being launched as a wound sterilisation system, which significantly reduces bacterial load leading to improved recovery times whilst also reducing scar formation.

In this venture, he has raised significant capital, grown the business from the ground up, generated a portfolio of international patents and translated it into both veterinary and food sectors. This venture has seen equity investment from NHS organisations, being supported as the next big thing in Wound-Care, as well as a range of awards for innovation in engineering and technology development. It is also supported by awards from the British Skin Foundation, MedCity and the Royal Academy of Engineering in recognition of the technological innovations.



Paul Jennings SIM Lead

Has 18-years policing experience and led Operation Serenity, the UK's first Street Triage response car on the Isle of Wight in 2012. The work of the Serenity team identified a small number of service users with repeat demand patterns and behaviours too complex for reactive services. Serenity Integrated Mentoring (SIM) provides intensive support teams of a mental health nursing and a specialist police officer and has helped reduce police mental health detentions from 180 in 2012 to 25 this year. This frees up police and ambulance resources, A&E attendances, NHS beds, saving the IOW NHS £80,000+ a year.

In 2016, SIM was endorsed by NHS England as one of the top 8 innovations across health and won an NHS Innovation Accelerator fellowship as well as 4 national awards. There are now over 15 SIM teams setting up in 3 different countries with a strategy currently being written for 32 teams across London.

SIM teams connect via www.highintensitynetwork.org, a digital platform that provides a video based team set up course, online SIM courses and case study webinars. Now funded by NHS RightCare and backed by the National Police Chiefs Council, Paul now works for the NHS as the High Intensity Network – National Programme Manager.

Paul was one of the speakers at TEDxNHS 2017 is now co-leading the mental health programme for the Law Enforcement and Public Health Conference 2018 in Toronto, Canada.



Coming in 2018...

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