

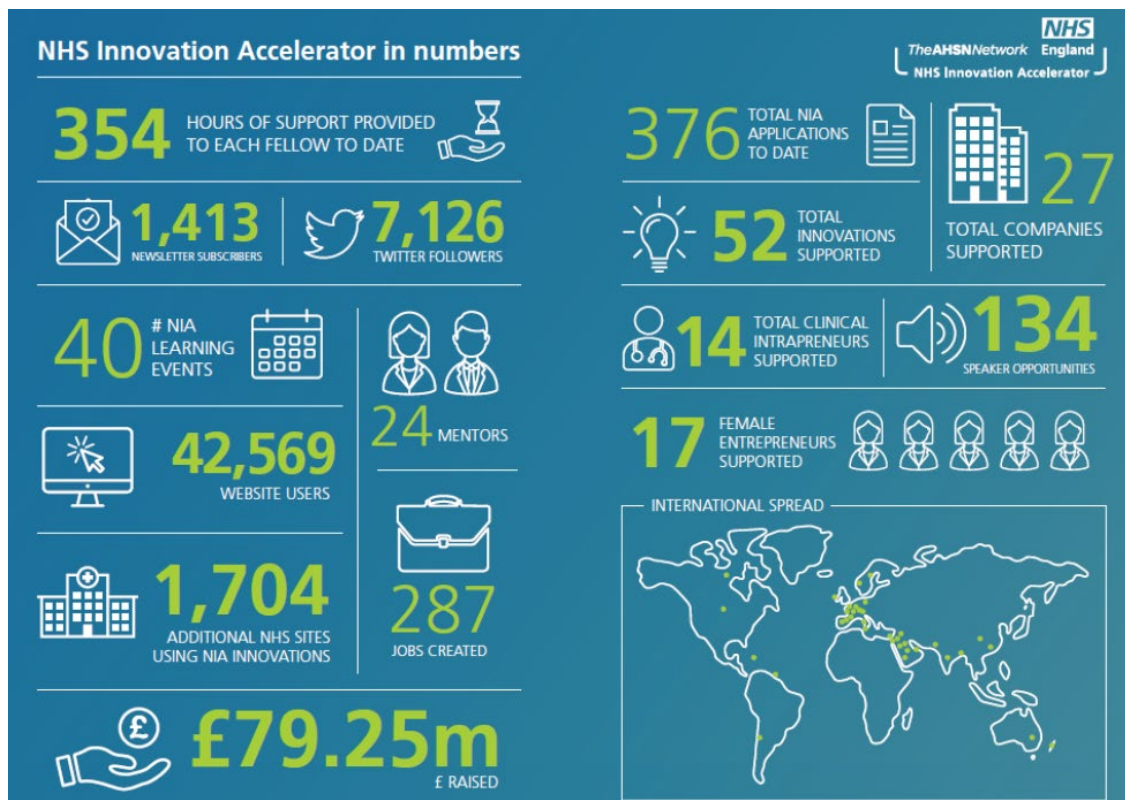
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Welcome to the March edition of the Health Innovation Manchester bulletin, bringing you news, events and insights from across Greater Manchester's academic health science system and life sciences sector.

#WeAreHInM

Health Innovation Manchester News



Software innovation selected for NHS Innovation Accelerator programme

IEG4's Digital Continuing Healthcare (CHC) Assessment Process is one of 13 innovations selected for the NHS Innovation Accelerator programme. The programme is an NHS England initiative delivered in partnership with England's 15 Academic Health Science Networks (AHSNs), to support the uptake and spread of high impact, evidence-based innovations.

The cloud-based software innovation is improving quality and productivity in CHC teams by eliminating paper assessments and automating the workflow and communication to speed up decisions around eligibility whilst reducing administration effort and time wasted on non-value adding activity.

In Greater Manchester, IEG4 are already working with Health Innovation Manchester and the GM Continuing Healthcare Collective to explore the potential quality benefits and cost saving from implementation of CHC2DST across the Greater Manchester commissioning landscape.

Find out more about the NIA programme and IEG4 in our latest innovation case study.

[Read more](#)



Translation Manchester Network launches to drive research into frontline care

Researchers, clinicians and academics gathered in Manchester as a new initiative to help overcome the obstacles to conducting translational research officially launched. Translation Manchester has created a research network as a one-stop-shop for all research support needs, spanning funding to biobanks, statistics to trial design.

As part of the official launch event, held at the Science and Industry Museum in Manchester on 12 February, members of the research network gathered to showcase the support they can offer. The event also featured a welcome address and speech on the importance of translational research by Professor Graham Lord, Vice President and Dean of the Faculty of Biology, Medicine and Health, The University of Manchester.

He said: “With its devolved healthcare system and unique patient populations, Manchester is a unique environment to conduct research and work in partnerships to deliver real improvements to people’s health. We already have major research infrastructure and a multitude of support systems for producing high quality research in Manchester.

“We now need a co-ordinated approach to successfully deliver research for patient benefit. Translation Manchester is bringing together or scientists, clinicians, support infrastructure and population in a way that maximises each aspects and translates into high impact research.”

[Read more](#)



Helping SMEs navigate EU Medical Device Regulations

Health Innovation Manchester hosted a free workshop for health technology SMEs to help them navigate and respond to the changes in the new EU Medical Device Regulations.

Delivered collaboratively with the Association of British HealthTech Industries (ABHI), who signed a landmark memorandum of understanding with HInM in 2018, this event marked the first in a series of joint working initiatives.

With high profile speakers representing industry, the NHS, regulatory bodies, and trade associations, attendees discussed a wide range of topics including the role of organisations such as the Medicines and Healthcare products Regulatory Agency (MHRA) and The National Institute for Health and Care Excellence (NICE) in the medical device regulations.

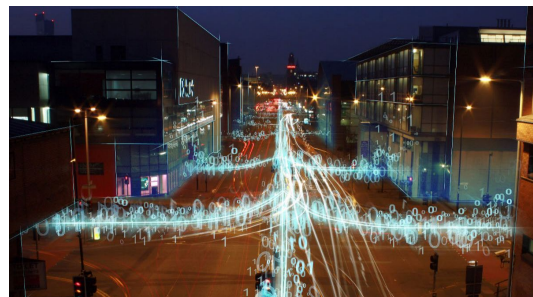
Delegates were also provided with an opportunity to have one-to-one surgery sessions with the speakers to discuss individual queries and seek advice on specific issues.

[Read more](#)



Improving digital reach through communications

The NIHR Manchester BRC and Health



Innovative companies progress in GM accelerator

Four companies have spent the past few months

Innovation Manchester held the first in a series of workshops looking at how to use Twitter and online opinion writing platforms to share research with a wider audience and facilitate discussion.

The event included top tips for Twitter from Professor Ian Bruce, NIHR Manchester BRC Director and Justin Wilson, Digital Marketing Officer, The University of Manchester.

Blog and opinion writing support was provided by Craig Whittall, Communications and Engagement Officer, Policy@Manchester while Scott Taylor, Research Services Manager, The University of Manchester discussed Altmetrics: tracking the online attention to research outputs.

The importance of creating a digital identity for research was highlighted by with Professor Rick Body, Professor of Emergency Medicine. The event was held at the Nowgen Centre on 15 February and welcomed a variety of attendees engaged in or supporting health research.

[Read more](#)

working with Health Innovation Manchester to develop and spread their digital health innovations as part of the Greater Manchester Digital Health Accelerator programme.

Run by Health Innovation Manchester, the accelerator is one of five schemes which launched in September, 2018, to help England's NHS meet current challenges.

The schemes aimed to build on the successful DigitalHealth.London Accelerator and marked the largest push yet to rapidly increase the speed of digital health product take up in the NHS.

The companies have been working with their digital navigator to progress their innovation and understand how the NHS in Greater Manchester could potentially benefit from what their product can offer. Companies taking part include digital mental health support system Brain in Hand, health-tech company Healthy.io, community workforce scheduling software Malinko and digital falls risk assessment tool Safe Steps.

[Read more](#)



Nurturing a safety culture in Greater Manchester and Eastern Cheshire

Perspectives from both patients and providers were shared with attendees who gathered together to discuss how we can nurture a safety culture across our health and social care system.

Greater Manchester & Eastern Cheshire Patient Safety Collaborative (GMEC PSC) held the learning system event on 7 February at King's House Conference Centre, Manchester.

The event explored what we mean by a 'safety



National health innovation leaders gather for the launch of DiTA

Manchester University NHS Foundation Trust (MFT) and Health Innovation Manchester recently launched a new Diagnostics and Technology Accelerator (DiTA).

Delegates from across the NHS, healthcare, industry and universities heard how DiTA will support evidence generation and commercialisation between the NHS and industry across In Vitro Diagnostics (IVDs) and medtech. Panel discussions focused on

culture' and how we can enable individuals to work safely within a healthcare system, identify the principles inherent in a 'good' safety system, and showcase examples of good practice as a means of stimulating discussion and change.

Speakers included patients, AQuA, NHS Improvement and Suzette Woodward, National Clinical Director, Sign up to Safety Team. Attendees also had the chance to browse an innovation showcase, featuring organisations and companies aiming to improve care for patients before round-table discussions to learn from each other.

[Read more](#)

how DiTA can foster effective collaboration between the NHS, industry and other sectors.

Health Innovation Manchester Chief Executive, Ben Bridgwater said: "DiTA is a fantastic initiative that illustrates the intrinsic value placed on innovation within the Greater Manchester health and social care system and the acknowledgement that collaborating with industry to leverage their expertise and know-how is critical to transforming health and wellbeing and improving patient experience."

[Read more](#)

Greater Manchester System News



Greater Manchester has world-class strengths but still has work to do, according to top economist report

An expert panel chaired by Cambridge public policy officer, Diane Coyle, has shown results of an independent prosperity review on the current state and the future of Greater Manchester's economy. The review found that the city-region has "world-class strengths" but still has work to do to reduce social disparities, boost wages and improve productivity.

The resulting report produced by the independent panel highlights Greater Manchester's strengths in health innovation and world-leading advanced materials such as Graphene. It also emphasises the city-region's strengths in manufacturing, digital and creative industries, and professional services.

Alongside the positive findings, however, the review report stresses that there are clear challenges for the

city-region's leaders: it concludes that more needs to be done to reduce social inequality, drive up wage growth, and boost productivity. The report will be used to drive Greater Manchester's economy forward and underpin the ambitious Local Industrial Strategy being developed jointly by Greater Manchester and central government.

[Read more](#)



New app turns smartphone into medical device for detecting infection in transplant patients

Patients who have had a kidney transplant are benefitting from the latest smartphone technology to improve the way infections are detected and treated at Salford Royal NHS Foundation Trust, part of Northern Care Alliance NHS Group.

A cohort of 22 post-transplant patients – who are particularly prone to urinary tract infections (UTIs) – is trialling home-testing kits that are linked to a unique and clinically-approved phone app. Patients undertake a dipstick test in the comfort of their own home and use their smartphone's camera to capture readings and transmit them to the hospital's kidney transplant team,

The trial has been developed by Salford's kidney transplant and Future Digital teams in partnership with clinical technology specialists, Healthy.io, and will be formally evaluated later this year. Healthy.io is also one of four innovative companies selected by Health Innovation Manchester to improve care in the NHS through the Greater Manchester Digital Health Accelerator.

[Read more](#)



Patient says her life has been changed by ground-breaking research at Manchester Royal Eye Hospital

A Greater Manchester glaucoma patient has told how taking part in a ground-breaking research study has “freed her” from the condition.

Michele Steventon was among the first two patients in Europe to participate in the Summit study, which is trialling the use of a tiny stent designed to reduce the eye pressure caused by advanced glaucoma.

The 56-year-old from Saddleworth was treated by the Department of Eye Research at Manchester Royal Eye Hospital (MREH), where she underwent surgery to insert the device in her left eye in February 2018.

Michele said: “I’m very pleased I took part in the research trial. It’s worked tremendously; I couldn’t have asked for better.”

The study is on the National Institute for Health Research (NIHR) Clinical Research Network (CRN) portfolio, managed locally by CRN Greater Manchester.

[Read more](#)

Drug prices based on success could speed up cancer patients' treatment

A new report reveals that paying for cancer drugs based on how well they work in practice could help patients get new treatments faster.

The report, jointly commissioned by Cancer Research UK and the Greater Manchester Health and Social Care Partnership consulted experts in government, NHS England, Health Innovation Manchester, NICE, the pharmaceutical industry, and people affected by cancer to develop agreement on the treatment outcomes that should form the basis of an OBP approach

This flexible way of paying for cancer medicines, known as outcome-based payment (OBP), would mean a drug's price could be adjusted based on how well it works for patients in the NHS.

Dr Richard Preece, medical director and executive lead for the Partnership, said: "Partnering with Cancer Research UK is a phenomenal opportunity to continue working towards reducing the use of medicines that are not giving people the benefits they need, ensuring that patients are able to access new and innovative medicines as early as possible and delivering better value for money."

[Read more](#)

Innovative Greater Manchester stroke project shortlisted for prestigious BMJ award

The innovative ABC-ICH Stroke project has been shortlisted in the Stroke and Cardiovascular category for the prestigious BMJ Awards 2019.

The team, made up of experts from the Greater Manchester Connected Health City (GM CHC) programme at The University of Manchester and Salford Royal NHS Foundation Trust (part of the Northern Care Alliance NHS Group), have designed an app to assist in the delivery of an innovative 'ABC care bundle' to improve care for stroke patients.

Since the care bundle and app have been implemented, two lives have been saved every month. The 'ABC care bundle' improves care by rapidly reversing blood thinning drugs (Anticoagulants), lowering patients' blood pressure in the emergency department (Blood pressure) and ensuring that the patients in need of neurosurgery are taken there as quickly as possible (Care pathway).

The project originated following funding from the cardiovascular research domain within Manchester Academic Health Science Centre (MAHSC), now part of Health Innovation Manchester.

[Read more](#)

National News

Introducing the 2019 Fellows...



www.nhsaccelerator.com/fellows



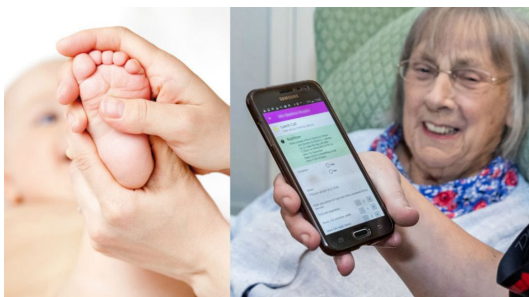
World-best innovations selected to join NHS Innovation Accelerator

An app empowering people to monitor their skin for early signs of skin cancer and a secure messaging service that puts young people directly in touch with healthcare professionals are among the latest technologies selected to join the NHS Innovation Accelerator (NIA).

The 13 innovations joining the NIA were announced on 5 March as part of an event to launch the fourth year of this award-winning national accelerator. An NHS England initiative delivered in partnership with England's 15 Academic Health Science Networks (AHSNs), the NIA has supported the uptake and spread of 37 high impact, evidence-based innovations across more than 1,700 NHS sites since it launched in July 2015.

Each of the new innovations joining the NIA this year offer solutions supporting priority areas for England's NHS: Mental Health, Primary Care and early diagnosis and prevention of cancer.

[Read more](#)



New case studies show how the AHSN Network support healthcare innovation

The AHSNs, including Health Innovation



SBRI Healthcare awards £1.25 million to pioneering health innovations

SBRI Healthcare has awarded £1.25 million to

Manchester, are catalysts working to spread innovation, improve health, drive down the cost of care and stimulate economic growth.

'Bridging the gap' between providers, commissioners and industry, the AHSN Network is developing an innovation pipeline from research through to commercialisation.

AHSNs invest time and resources into collaborating with industry and not-for-profit innovators to support and develop value propositions for proven products and services, and to make introductions to the NHS.

Latest examples of this work have been showcased on the AHSN Network "Atlas of Solutions in Healthcare".

Case studies include point of care blood testing devices, ECG devices to detect irregular heart rhythms and smartphone technology to deliver care in people's homes.

[Read more](#)

help fund the development of 13 separate innovations relating to musculoskeletal disorder and dentistry, oral health and oral cancers. The pioneering projects were discovered through a nationwide call by SBRI Healthcare for innovations to tackle healthcare problems in these fields.

SBRI Healthcare works with businesses to identify, co-create and develop health tech solutions for the NHS through competitions geared around solving healthcare challenges.

Innovations from the July 2018 competition call range from AI-based smartphone apps and virtual reality programmes, to technologies designed to improve the diagnosis, surgical outcomes and pain relief related to oral cancers.

SBRI Healthcare will also provide consultancy services to help ensure these innovations are swiftly adopted by the NHS.

[Read more](#)

New report maps the MedTech landscape for innovators

A new report from the AHSN Network provides an essential guide for companies looking to successfully develop and roll out innovations in healthcare's complex and diverse industry, focused around the MedTech innovation pathway.

The NHS spends approximately £6 billion a year on medical technology, such as medical devices, equipment and digital tools.

The MedTech Landscape Review will be launched formally at an event to be held jointly with the Association of British HealthTech Industries (ABHI), on 20 March and introduced by Piers Ricketts, Chief Executive of Eastern AHSN and Vice Chair of the AHSN Network.

The report is available for download online now, featuring case studies, statistics and practical advice for navigating each step of the MedTech Innovation pathway.

[Read more](#)

New code of conduct for data-driven innovations

A new code of conduct has been launched to enable the development and adoption of safe, ethical and effective data-driven health and care technologies.

The 'Code of conduct for data-driven health and care technology' recognises that a combination of new digital technologies and data-sharing across the NHS has the potential to improve diagnosis, treatment, experience of care, efficiency of the system and overall outcomes across the health and care system.

The need for a code of conduct was highlighted in the state of the nation Accelerating AI in health and care report published by the AHSN Network, NHS England and DHSC in September last year.

It has been developed in discussion with industry experts, academics, regulators and patient representative organisations.

[Read more](#)

NHSX: new joint organisation for digital, data and tech

A new joint unit, NHSX, will be created to bring the benefits of modern technology to every patient and clinician. It will combine the best talent from government, the NHS and industry.

NHSX will aim to create the most advanced health and care service in the world to diagnose diseases earlier, free up staff time and empower patients to take greater control of their own healthcare.

The organisation will use experts in technology, digital, data and cyber security to deliver on the Health Secretary's tech vision and the Long Term Plan for the NHS.

Health Secretary Matt Hancock said: "NHSX will combine some of the best minds from among the NHS, leading innovators, and government into one unit to set national policy, remove red tape and create a culture of innovation to allow the best innovations to flourish."

[Read more](#)

Health Secretary: Email must replace paper in the NHS

The NHS must stop relying on pen and paper and should use modern, secure forms of communication instead, Health and Social Care Secretary Matt Hancock has said.

In a speech at an NHS England conference, he outlined an ambition for healthcare staff to email patients directly with information on appointments to reduce delays, boost cyber security and cut wastage.

NHS organisations will be able to use any secure email provider – not just NHSMail – if it meets the required security settings. This is so that NHS organisations can choose the best service for their needs and email providers are encouraged to innovate.

In a separate announcement, Matt Hancock has also ordered the removal of pagers for non-emergency communications in the NHS by the end of 2021.

[Read more](#)

Opportunities and support

Funding competition: Digital health technology catalyst

UK businesses can apply for a share of up to £5 million to develop new digital health solutions. The Digital Health Technology Catalyst (DHTC) is a £35 million fund run over 4 years as part of the Industrial Strategy Challenge Fund. Innovate UK, as part of UK Research and Innovation, is to invest up to £5 million in industrial research and experimental development projects. These must develop new digital technology solutions to healthcare challenges. Details [here](#)

Translation Manchester: Access to Expertise award

The Access to Expertise award will enable researchers to access appropriate expertise to help unblock specific bottlenecks associated with translational research. Projects of 6-12 month duration will be awarded up to £25,000. The funds are part of The University of Manchester's Wellcome Trust (WT) funding in the form of an Institutional Translational Partnership award (ITPA). Details [here](#)

Expert Blogs



How research is transforming cystic fibrosis care

As part of Rare Disease Day (28 February) Dr Alex Horsley, leading expert in cystic fibrosis (CF) and Deputy Director, Manchester Clinical Research Facility at Wythenshawe Hospital research has reflected on the challenges of CF; how research has transformed CF care, and how Manchester CRF is leading a study of a therapy that might one day be used for 90% of UK CF patients.

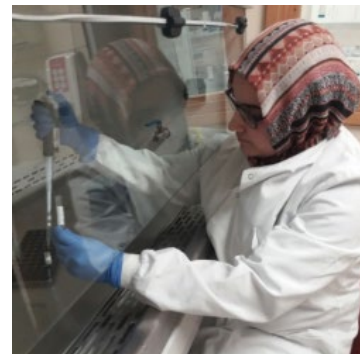
He said: "For many years, it was hoped that gene therapy would be a cure for CF. This has proved more challenging than anticipated. In the last few years though, a new class of drugs has been developed that could offer hope for the vast majority of CF patients."

[Read more](#)

Why a research-based placement is an opportunity not to be missed

Suzan Ben-Akinduro and Zoya Mehmood are undergraduate biomedical science students at the University of Salford who recently started a placement year at the NIHR Manchester Clinical Research Facility (CRF) at Wythenshawe Hospital. In their blog, they explain what attracted them to this CRF placement, what they've discovered so far and what else they hope this year will bring them.

They said: "A placement helps to put a lot of things into perspective; you are able to make an informed decision about



your future career by gaining practical experience. It gives you the understanding of what it's like to work in your chosen field and it enables you to expand your horizons."

[Read more](#)

Events

GMEPSC Learning event: Sepsis - A system wide challenge 14 Mar

Greater Manchester & Eastern Cheshire Patient Safety Collaborative (GMEC PSC) is hosting an event to explore how we can reduce unwarranted variation in the care of patients with a 'Suspicion of Sepsis', particularly in the pre-hospital care setting where the burden of sepsis originates. This full day event and is free to attend. Delegates from ALL parts of the health and social care system and members of the public. Details [here](#)

GM Connected Health City at European Neuro Convention 27 Mar

The Greater Manchester Connected Health City (GM CHC) is pleased to confirm its partnership with the European Neuro Convention. In March 2019, GM CHC will be exhibiting at the European Neuro Convention, where the team will lead a seminar on the GM CHC Stroke project and its role within the development of a learning health system for stroke in Greater Manchester. Details [here](#)

Health 2.0 Manchester: Virtual Reality - Is it revolutionizing healthcare? 21 Mar

All across the world there has been an increase in the uses of Virtual Reality (VR) in Healthcare. Some say it's set to revolutionize this industry. With applications in medical training, patient treatment, medical marketing and disease awareness among others this meetup will explore some uses and showcase examples of this technology in practice. Details [here](#)

Westminster Health Forum: Next Steps for health and social care in Greater Manchester 29 Mar

This conference aims to be a timely opportunity to discuss health and social care in Greater Manchester, and priorities for addressing key challenges including health inequalities and integration in the context of GM's devolution programme. Keynote speakers include Health Innovation Manchester's Chief Executive Professor Ben Bridgewater and Dr Tracey Vell, Associate Lead for Primary and Community Care, Greater Manchester Health and Social Care Partnership. Details [here](#)

Digital Innovation Hub Roadshow: Manchester 2 Apr

Health Data Research UK is leading the delivery of the Digital Innovation Hub Programme – a UK-wide initiative to enable the safe and responsible use of health-related data at scale for research and innovation. This is one of a series of engagement events to help define the specification for the architecture, data and technical standards, and governance frameworks required to build a UK-wide health research data infrastructure. Details [here](#)

Our full events calendar is also available on our website

[Read more](#)

Masterclasses and Courses

- [Improvement Practitioner Programme](#) — 12 March
AQuA
- [Webinar: Looking ahead for the Suspicion of Sepsis Dashboard](#) — 14 March
AHSN Network
- [Developing a system mindset to build a culture of innovation and improvement](#) — 14 March
AQuA
- [Clinical Fellowship Workshop](#) — 14 March
The University of Manchester FBMH Fellowship Academy
- [Pedagogy Seminar: Reflection on Wellbeing](#) — 14 March
Academy for Education and Professional Development
- [Acknowledging Diversity Masterclass](#) — 20 March
Academy for Education and Professional Development
- [Introduction to Appreciative Inquiry](#) — 25 March
AQuA

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