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Sharing health innovation news across Greater Manchester

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This month's Health Innovation Manchester newsletter is coming to you LIVE from NHS Expo 2018, bringing you the most recent and trending news from across Greater Manchester's academic health science system and the region's burgeoning life sciences sector.

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Health Innovation Manchester at NHS Expo 2018

We are excited to be reporting to you live from day one of #NHSExpo2018, where the HInM stand is causing a bit of a stir!

Our participation in the annual, national exhibition is in collaboration with the Greater Manchester Health and Social Care Partnership and our other key partners. In addition to exhibiting and supporting the national AHSN Innovator Zone, we have a packed agenda which includes pop-up-universities, main stage presentations and panel events to share ideas, knowledge and expertise, as well as debate the key challenges and issues facing the the NHS as we celebrate it's 70th anniversary.

We are delighted to share the full details of our Expo 2018 activities below and we hope to see many of you at our stand (No. 241) over the next two days!

For those of you unable to attend this years' Expo, a full video of the event will be available on our [websitesoon](#).

Health Innovation Manchester | Greater Manchester Health & Social Care Partnership (Stand 241)

Visit us at the stand to learn more about how Health Innovation Manchester and the Greater Manchester Health and Social Care Partnership are radically accelerating the adoption and spread of innovation to transform the health and wellbeing of our 2.8m citizens and the wider UK.

AHSN Innovator Zone

Health Innovation Manchester in partnership with the other 14 Academic Health Science Networks across England are once again delivering the Expo 2018 Innovator Zone. We will be showcasing some of the fantastic industry innovators that the AHSN's are currently working with across England.

Panel event: Digital technology in an evolving NHS- How will innovation deliver improved outcomes, transform workloads and support sustainability in an NHS of the future? (Sponsored by

TEVA UK Ltd.)

05 September, 12:30 - 13:30 (Innovate Stage)

Leading health policy figures and digital health opinion formers will explore their vision for digital healthcare innovation in the NHS. Speakers will be invited to reflect on how innovation can deliver improved outcomes - transforming workloads and fostering greater sustainability as we create the NHS of the future.

Pop-up University: Effective collaboration with the pharmaceutical industry

05 September, 17:15 - 18:15 (PUU2)

In 2017 Greater Manchester and the Association of the British Pharmaceutical Industry (ABPI) signed a UK landmark agreement focused on improving the use and safety of medicines and making best use of NHS data and information to discover, develop, and deploy new medicines and treatments for patients. Led by Professor Ben Bridgewater (Chief Executive, Health Innovation Manchester) and Eric Nordkamp (ABPI President and UK Managing Director of Pfizer) this session will explore the opportunities and challenges around NHS organisations working collaboratively with the pharmaceutical industry – exploring the approach, successes and lessons learned in Greater Manchester, which can be replicated elsewhere.



The Financial Times report on Health Innovation Manchester

On Wednesday 28 August, The Financial Times featured a full-page article looking at the unique way that Health Innovation Manchester is working with pharmaceutical companies to improve the health, wealth and wellbeing of our city-region, and deliver more effective and sustainable care to our citizens.

The in-depth piece explores how GlaxoSmithKline and other pharma companies are working with Greater Manchester's health system, marking an ambitious endeavour to improve the health of our population.

The article states: "Manchester offers a template for radical changes, both in how patients are treated and how quickly new drugs are adopted by cash-strapped health providers. "Unique in its scope and scale, it is attracting attention around the world."

The Financial Times "Big Read" piece also includes interviews with Health Innovation Manchester's Associate Director for Commercial Partnerships Arjun Sikand, Associate Director of Health Implementation Jay Hamilton, respiratory consultant and COPD Clinical Lead Dr Binita Kane and Jon Rouse CBE, Chief Officer of the Greater Manchester Health and Social Care Partnership, as well as industry partners GSK and Janssen.

To read the article click [here](#) or click [here](#) for a PDF copy.

[Read more](#)

Manchester researchers identify novel type of genetic change resulting in inherited breast cancer

Researchers from NIHR Manchester Biomedical Research Centre have identified a new mechanism which switches off a gene in families affected by breast and ovarian cancer.

The discovery of the mechanism linked to the BRCA1 gene, known as epigenetic silencing, has been published in the American Journal of Human Genetics.

Breast and ovarian cancer are some of the commonest forms of women's cancer, with over 54,000 diagnosed with breast cancer and over 7,000 diagnosed with ovarian cancer each year in the UK. For the past 20 years, doctors have tested for mutations in high-risk genes, including BRCA1 and BRCA2, alongside other risk factors such as age at first pregnancy and family history to evaluate a person's breast and ovarian cancer risk.

Currently cancer causing variations in BRCA1 or BRCA2 are identified in around 20% of families with multiple women with early-onset breast and ovarian cancer. Back in 2013, Angelina Jolie was found to carry a variant in the BRCA1 gene associated with her own increased family risk. However for many women the cause of the many cases of breast and ovarian cancer in their families remains unknown.

This new research, funded by Prevent Breast Cancer and NIHR, identifies a new type of inherited gene variation which results in a 'switching off' the BRCA1 gene in two families from Greater Manchester with early-onset breast and ovarian cancer.

[Read more](#)

You can help to shape the next 10 years of the NHS

NHS England has launched a national conversation to help shape the next 10 years of the NHS.

Feedback, comments and suggestions are being invited by 30 September on a series of themes that will form the new 'Long Term Plan'.

NHS staff, people working across social care and public health, healthcare companies, patients and carers are all encouraged to submit their views.

The plan will seek to ensure the NHS continues to innovate and adapt to the needs of all patients, focusing on three key areas:

- Mothers & children – improving maternity services, care for ill & disabled children and addressing issues such as obesity & mental health
- Staying healthy – helping people live longer and healthier lives

- Ageing well – making the right choices and reducing unnecessary hospital stays

The Plan is being developed by a series of sub-groups and the AHSN Network is supporting the Research and Innovation workstream – it is inviting comments on a series of questions about how the NHS can harness the potential for innovation to transform services and empower staff and patients: How can we increase opportunities for patients and carers to collaborate with the NHS to inform research, and encourage and use of innovations (for example new approaches to providing care, new medical technologies, use of genomics in healthcare and new medicines)?

The deadline for feedback is 30 September.

[Read more](#)

Health Innovation Manchester shortlisted for NHS in the North West Excellence in Supply Award

Building on the success of last year's Excellence in Supply Awards, NHS North West Procurement Development have announced the details of the 2018 event, which has expanded into the whole of the North of England.

The event promotes and celebrates private sector organisations working in partnership with the NHS to deliver high quality, effective and efficient patient care; helping the health service to do more for less.

Health Innovation Manchester has been nominated for the NHS Supplier Engagement Award.

[Read more](#)

Greater Manchester's Clinical Research Network providing most satisfying service

Greater Manchester is providing the best CRN service to researchers in the entire NIHR, according to new figures. The data comes from the Annual LCRN Customer Satisfaction Survey. It is carried out to understand researchers' satisfaction with their Local CRN's support for research delivery.

The results show that 53.9 per cent of researchers who responded in Greater Manchester received a "very good" service from CRN GM. A total of 27 per cent said they experienced a "good" service.

That made Greater Manchester the highest rated CRN. Specifically, researchers rated "early contact and engagement" and "study recruitment/follow-up" as the best areas of service.

Opportunities and support

NHS Innovation Accelerator Call

The NHS Innovation Accelerator (NIA) today launched a fourth international innovation call at [NHS Expo](#).

The NIA is an NHS England initiative, delivered in partnership with the country's 15 AHSNs, hosted at UCLPartners. It supports uptake and spread of proven, impactful innovations across England's NHS, benefitting patients, populations and NHS staff.

The themes of the fourth call are:

- Prevention and early intervention (cancer, cardiovascular disease)
- Mental Health
- Primary Care

Applicants, nationally and internationally, can be clinicians, academics, from a public-sector, charitable or not-for-profit organisation, or from a small or medium-sized enterprise (SME), or a large corporate.

[Read more](#)

The Wellcome Trust 'Projects 4 Translation' Award

The 'iTPA P4T Award' fund aims to encourage:

- Inter-disciplinary working to address **major challenges in translational research**
- The translation of **basic biological research** into the **elucidation of disease mechanisms**
- The translation of **new data** into the **clinical setting and health decision making**

Eligible projects could be linked to:

- BRC themes (advanced radiotherapy; cancer precision medicine; cancer prevention and early detection; dermatology; hearing health; musculoskeletal diseases; respiratory diseases)
- Other key areas of research strength (cardiovascular, endocrine and metabolic science; cellular and development systems; evolution, systems and genomics; infection, immunity, inflammation and repair; neuroscience and mental health; platform sciences and technologies; population health and ecosystems)
- Areas from our WT funded researchers

Other methods of overcoming research challenges will also be considered.

Applications are particularly encouraged from the area of integrated advanced materials as this is currently an under-represented area for early translational research.

The P4T award will fund with a duration of 6-9 months (but will exceptionally consider projects up to 12 months maximum duration).

[Read more](#)

Job opportunity: Head of Business Development - Life Sciences

Greater Manchester's unique and recently devolved healthcare system is one of the most exciting opportunities in global healthcare and in order to maximise its impact we are looking to attract some of the world's most innovative companies to be part of this journey.

The Head of Business Development will lead sales and promotion activity for the Life Sciences sector for

MIDAS and HInM, both in the UK and overseas. With a particular focus on winning and securing foreign direct investment, you will be experienced in developing the whole sales process, from the utilisation of robust research and targeting techniques informing lead generation, to project management of sales enquiries and closing deals.

The ideal candidate will have strong knowledge of Life Sciences and a good understanding of business drivers within the industry. The role requires strong presentation skills, as well as experience of creating and writing professional client responses. You will possess strong strategic sales, negotiation and planning skills, as well as having Account Management experience.

You will have a proven track record of building relationships with C-Level individuals within multi-national companies in a B2B environment, where a consultative and knowledge based sales approach is required alongside excellent commercial acumen to identify new business and expansion opportunities.

With a good understanding of how marketing supports the sales process, you will work with marketing colleagues to devise ways of accessing clients through a number of channels, both direct and via the development of an intermediary network.

The closing date for applications is **Monday 10th September 2018**.

[Read more](#)

Expert Blogs

Cara Afzal: How HInM and the Dementia Industry Group partnership are transforming care for people with dementia



Collaborative partnerships between industry and government are bringing together best-in-class knowledge and processes needed to drastically improve care for dementia sufferers, globally. Cara Afzal, Senior Programme Development Lead at Health Innovation Manchester, discusses the progress being made.

One million people in the UK will have dementia by 2025, increasing to two million by 2050, according to Alzheimer's Researchⁱ. Alzheimer's disease is the most common type of dementia, affecting two-thirdsⁱⁱ of those diagnosed. Globally, the number of people living with dementia will increase from 50m in 2018 to 152m in 2050, a 204%ⁱⁱⁱ increase and a stark indication of the challenge that lies ahead – for the NHS, government and industry.

Living with dementia affects everything from a person's feelings, thoughts and responses. For example, someone may be irritable, or prone to rapid mood changes. They may also appear uninterested, or distant. This means that dementia can also affect those close to the sufferer, causing distress and a sense of isolation from someone they care deeply about.

Last year, Health Innovation Manchester – which brings together industry and academia with health and social care to accelerate innovation across Greater Manchester – commenced the development of an *Early Dementia Diagnostic Framework*. Working with academia; the healthcare system; life sciences industry partners – including Janssen, a pharmaceutical company of Johnson & Johnson – commissioners; and providers within the region, we’re considering ways we can prevent the onset of dementia in the future. Together, we set out principles for collaboration and the framework workstreams, all of which will tackle the issue of dementia like never before..

[Read more](#)

Arjun Sikand: Workshopping towards a GM Industry Strategy



“A city synonymous with innovation and collaboration from the first test tube baby to the isolation of graphene, Manchester is a place of medical and technological pioneers...”

If you haven’t seen the promo video for Manchester, you should, it’s a great sell. But having now lived and worked in Manchester for the past year and a bit, you come to realise it’s not just empty words. The spirit of collaboration and the desire to collaborate for the benefit of the people of the city region is very much there. True, at times we need to work on the ‘how’, but collaboration is integral in everything from the combined authority to the Health and Social Care Partnership to Health Innovation Manchester itself, borne from the idea to drive innovation and change through the collaboration of academia, industry and healthcare to both improve outcome and constrain costs.

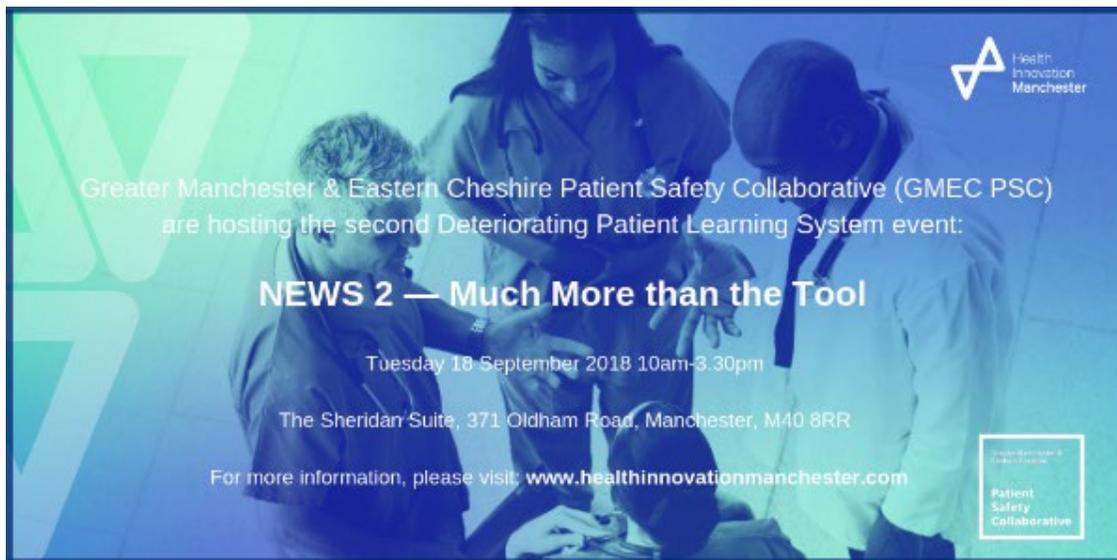
There is a common desire to make Greater Manchester even greater. To drive the development of our life sciences and digital health ecosystem through university spin outs and inward investment. And to transform our health and care system through strategic partnerships with industry, to last the next 70 years and beyond.

Recent examples of this desire for innovation include: the awarding of a Local Care and Health Record Exemplar (LCHRE) status, two NHS vanguard sites, an NHS testbed, a Global Digital Exemplar and the most recent announcement that Qiagen will be creating a leading precision medicine campus on the Oxford Road corridor.

Health Innovation Manchester is working to make Greater Manchester a global nexus for people to play in the intersection between technological, biological and digital, in order to co-create solutions across health and social care, with at its heart, the needs of the citizen.

[Read more](#)

Events



GMEC PSC Deteriorating Patients Learning System: NEWS 2 - Much more than the tool 18 September

The purpose of this work-stream is to reduce avoidable harm and enhance the outcomes and experience of patients who are deteriorating, wherever they may be within the healthcare system.

The [launch event](#) for the 'Deteriorating Patient' work stream, hosted on 24 May 2018, focused on the implementation of NEWS2 across the region as a mechanism to improve the detection, response and communication of acute deterioration. Based on feedback from the launch event, GMEC PSC will be using the second learning system event to:

- Showcase exemplar projects from within the system to help inform implementation project work
- Explore the additional clinical parameters incorporated into the NEWS2 assessment tool and their implications for practice, with key note addresses from subject matter experts
- Discuss the collection and use of data for measuring quality improvement
- Explore unusual and exciting strategies for facilitating wider patient/workforce engagement with and collaboration in QI initiatives
- Facilitate networking and shared learning across the system

[Read more](#)

A showcase of Greater Manchester and East Cheshire's Research Assets and Academic Healthcare Partnerships 19 September

Our event will explore Greater Manchester and East Cheshire's research assets, academic expertise and capability building opportunities across our local universities, the Greater Manchester Research Hub, the opportunities available at the Medicines Discovery Catapult and the NHS infrastructure available to support research and innovation in the region.

Information will be available as to the support that Health Innovation Manchester can offer to businesses who are on a journey to develop products for the healthcare market.

This is also an opportunity for businesses across the region to meet senior staff from the NHS and

Universities to discuss opportunities for collaboration, as well learn more about some key research assets available across the GM and East Cheshire conurbations. Academic and NHS advisers from across Health Innovation Manchester will be on hand to advise on how to access support, and identify the right expertise to help you develop products with our academic and NHS partners more effectively.

[Read more](#)

Ecosystem: Digital Health in the North 26 September

Health Innovation Manchester, [The Innovation Agency](#), [Yorkshire & Humber AHSN](#), and [AHSN North East North Cumbria](#) are bringing together their Connected Health Ecosystems to form a collaborative Ecosystem for Digital Health in the North. This brings together partners from health and social care, industry, academia and patient organisations. We focus on improving health across the North at the same time as generating economic benefits for the region, partly through the uptake and deployment of digital health solutions.

This event will:

- Be delivered in partnership with the ECH Alliance
- Focus on the adoption of digital innovation in the north of England
- Provide you with the opportunity to discuss adoption with the innovators and hear how the AHSNs across the North can support you in bringing these innovations into your own practice
- Showcase new technology, systems and apps which are transforming the way care is being delivered
- Hear from a variety of NHS and industry speakers showcasing the digital assets of the North

[Read more](#)



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