

# THE SYSTEM LEADER

Sharing health innovation news across Greater Manchester

Welcome to the November 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



### **New partnership between Greater Manchester and ABHI to deliver technology revolution**

Health Innovation Manchester and the Greater Manchester Health and Social Care Partnership (GMHSCP) have formed a new partnership with the Association of British HealthTech Industries (ABHI) to deliver a technology revolution and transform the health of our 2.8m citizens.

The partnership with the ABHI, the national umbrella for innovative businesses in the health technology sector, will ensure that GM benefits from the accelerated introduction of the latest proven healthcare technologies. These innovations aim to transform health outcomes through earlier diagnosis, more effective treatments, and care services which are provided in the home and in the community, rather than in hospitals.

Named the Greater Manchester Health Technologies Group, the partnership will provide clear guidance to industry partners on GM's health and care priorities, and seek out the best examples of technology innovators able to support their delivery.

It also sets out how the health technology industry will partner with Greater Manchester to create a world-leading site for developing the treatments of the future; driving additional inward investment and supporting the continued growth of the city-region's already burgeoning health technology sector.

Professor Ben Bridgewater, Chief Executive of Health Innovation Manchester, said: "This partnership represents yet another landmark for Greater Manchester which will ensure we achieve the best possible outcomes from health technologies and secure the best value from investments both now and in the future."

Health Innovation Manchester has also been invited to contribute to the [ABHI 30th anniversary](#) celebrations this month. Ben has shared his thoughts on how Greater Manchester has capitalised on devolution to successfully deliver innovation as part of an ABHI publication marking the 30th anniversary, which is available on their [website here](#).

[Read more](#)

## MOMENTUM FUND

Supporting the introduction of proven innovation into our healthcare system

**Total fund:**  
**£300,000**

SMEs can apply for up to  
**£50,000**  
to advance their innovation

**Innovations sought in:**

- Mental Health
- Community-based care
- Improving health and wellbeing

Must have evidenced involvement from NHS or Social Care in **Greater Manchester or Eastern Cheshire**



### Companies with innovative healthcare solutions invited to apply for a share of £300,000 Health Innovation Manchester funding

Businesses with innovative healthcare products or services can now apply for a share of £300,000 as Health Innovation Manchester opens the Momentum funding call.

The Momentum Fund has been established to support the introduction and adoption of needs-led, evidence-based innovations into the health and care system across Greater Manchester.

The fund is primarily looking for innovations that enhance mental health or community-based care, however other innovations will be considered. Innovations will need to have strong evidence of supporting patients and citizens to improve their health and wellbeing by making the best use of digital solutions in health and social care.

Small and medium-sized enterprises (SMEs) with innovations which are either market ready or close to being market ready are welcome to apply however all applications must include evidenced involvement from an NHS or social care organisation from Greater Manchester or Eastern Cheshire. Applicants may apply for funding up to a maximum value of £50,000 and can be used for a variety of projects to advance their innovation.

Richard Deed, Associate Director for Industry at Health Innovation Manchester, said: "Previous Momentum Fund recipients have gone on to bring their innovations to market and have begun to make a real difference within Greater Manchester and beyond.

"We are keen to hear from companies who are as passionate as we are about improving the health and wellbeing of our citizens and boosting the local economy."

[Read more](#)



## **HInM to promote benefits of Atrial Fibrillation detection devices as part of global AF Aware Week**

As part of Global Atrial Fibrillation Aware Week (19 November to 25 November) Health Innovation Manchester will be raising awareness of AF and the GM Healthy Hearts innovation programme, which includes the roll-out of tech devices to detect AF into primary care and the community.

AF is the most common arrhythmia, or heart rhythm disorder. Over 1.5 million people have been diagnosed with AF in the UK alone, although experts estimate that at least 500,000 people remain

diagnosed, with the figure expected to double by 2050. More than 23,000 people in Greater Manchester and Cheshire East are thought to be unaware they have irregular heart rhythms.

Early detection and monitoring can pave the way for better treatment for people with AF, including avoidance of illness, disability and premature death associated with AF-related strokes.

HInM is working towards reducing the number of people dying or disabled by AF-related stroke through the "Detect. Review. Protect." scheme of work. This includes the roll-out of devices to detect AF, which have been distributed to GP practices and community teams in Greater Manchester and Cheshire East.

Check our website during Global AF Aware week for more information, including patient stories, perspectives from health professionals and progress updates or click below to find out about our Healthy Hearts programme.

[Read more](#)



## Promoting Greater Manchester around the world

Over the last few months Health Innovation Manchester has promoted Greater Manchester's health and innovation assets to potential partners around the world.

In September, Ben Bridgewater Chief Executive, took part in a delegation to China along with other GM representatives including the Mayor of Greater Manchester Andy Burnham, as well as part of a national team including the Secretary of State for Health, Matt Hancock. Ben showcased GM's health, digital and precision health assets as part of the visit.

In the same month, HInM's Associate Director for Commercial Partnerships, Arjun Sikand, attended the MedTech conference in Philadelphia to meet with technology companies and take part in a panel discussion on digital pathology and artificial intelligence.

We have also welcomed a delegation of 17 health and care officials from Copenhagen, including the Health and Care Mayor Sisse Marie Wearing (pictured with Ben above), to share how we are working to

address local health challenges through innovation and devolution. The Health and Care Committee received presentations from Health Innovation Manchester, the Greater Manchester Health and Social Care Partnership and the Manchester Local Care Organisation.

Ben Bridgewater also visited Ireland this week to speak at the Irish Pharmaceutical Healthcare Association's (IPHA) Annual Conference and Dinner in Dublin. Themed 'Patient Care, Powered by Innovation', the event brought together thought-leaders in industry, public health policy, patient advocacy and academia to share their thoughts about the future orientation of healthcare in Ireland and offer insight into how other areas of the world are successfully accelerating innovation to transform the health and well-being of their citizens.

## Greater Manchester System News



### **Manchester-based scheduling company named Supplier of the Year**

Manchester based scheduling company Malinko Software have been named Supplier of the Year at the NHS in The North Excellence in Supply Awards 2018.

The awards recognise the work of businesses, third sector bodies and the NHS in working together to provide great patient care. They are organised by NHS North West Procurement Development and Northern Customer Board, which helps NHS organisations to procure for value as well as best standards of care. The awards were sponsored by the Innovation Agency; Health Innovation Manchester; and Yorkshire and Humber Academic Health Science Network.

In 2017 Malinko, in partnership with Salford Royal NHS Foundation Trust and part funded by Innovate UK, applied their expertise to the challenge of caseload scheduling and managing a distributed workforce in NHS community nursing.

Malinko introduced an automated and intelligent system which improved the process, keeping mileage and travel times for nurses to a minimum and giving nurses more time to care. As a result, Salford Royal's community nursing service saw a 20 per cent increase in the average number of patients seen in a morning and a 10 per cent reduction in travel time and mileage.

Several other Manchester organisations, including Baxter Healthcare, Lime Music for Health, PS5,

Radiology Management Solutions, SF Taylor and Zilico also picked up awards on the night.

[Read more](#)

---

## **Greater Manchester diabetes project one of seven new NHS Test Beds launched**

The Greater Manchester Strategic Clinical Network has been named as one of seven new NHS Test Beds designed to tackle some of the biggest opportunities and challenges in health and care by testing innovations in real world settings.

The new Test Beds are being provided with more than £7 million of Government funding, alongside match funding from industry partners. This second wave of NHS Test Beds involves more than 30 collaborators from across the country, with £5 million provided by the Government through the Office for Life Sciences (OLS) and over £2 million from NHS England.

In Greater Manchester the project will test a one-stop digital platform, MyDiabetesMyWay, designed to help people self-manage their condition more effectively. It is one of three sites focussed on self-management of diabetes which are together receiving £2 million in funding from NHS England.

[Read more](#)

## **Launch of Lydia Becker Institute of Immunology and Inflammation**

A new institute at The University of Manchester will carry out ground-breaking research by working with experts from across science to tackle some of medical science's problems.

The Lydia Becker Institute of Immunology and Inflammation will bring together some of the world's leading scientists in the field of Infection, Immunity, Inflammation and Repair. It will carry out fundamental research into all aspects of immunology including dysregulation of the immune system in acute and chronic inflammatory diseases, and will also research their immunities increasing importance in mental health, cardiovascular disease, obesity, pregnancy, infection outcome, cancer and healthy ageing.

It is named after Lydia Ernestine Becker, a celebrated natural scientist who believed strongly women are intellectually equal to men, deserve the same opportunities and promoted their inclusion in science.

[Read more](#)

---



## **Progress towards the Greater Manchester Local Industrial Strategy unveiled**

Business Secretary Greg Clark and Greater Manchester's Deputy Mayor for the Economy Richard Leese have set out progress towards a Greater Manchester Local Industrial Strategy, one of the UK's first Local Industrial Strategies.

Developed in collaboration with regional partners, the Local Industrial Strategy for Greater Manchester will harness the region's distinctive strengths and build on them in areas such as health research and advanced materials to unlock growth and boost people's earning power across the region's cities and places.

Once launched, the Local Industrial Strategy will capitalise on Greater Manchester's long and established history of entrepreneurship and enterprise, its devolved health and social care budget of £6 billion per annum and its position as home to one of the largest graduate pools in Europe.

Having a Local Industrial Strategy is pivotal to future of our health tech revolution, as Rowena Burns, Chair of Health Innovation Manchester, explains: "The strength of our commercial life sciences sector and assets in health tech, data analysis and healthcare puts Greater Manchester in a fantastic position to accelerate innovation, driven by Health Innovation Manchester and supported by devolution."

[Read more](#)

---

## **Manchester socks it to diabetes**

An art installation containing seven thousand socks is highlighting the grim annual toll of diabetes-related limb amputation – and the city's pioneering steps against the condition.

Built using socks donated by Diabetic UK support groups and lower limb amputees, Seven Thousand Feet is raising awareness of the risk of amputation presented by ulcers that can go undetected due to nerve damage and poor circulation.

Patients with Type 1 and Type 2 diabetes risk unknowingly developing ulcerated pressure sores, with more than 8,500 lower limb amputations each year in the UK among people with diabetes.

Seven Thousand Feet was devised by artist Christine Wilcox-Baker in consultation with Dr Martin Rutter, Senior Lecturer and Honorary Consultant Physician, University of Manchester, and clinical lead for Manchester Diabetes Centre, Manchester Royal Infirmary.

Unveiled during Manchester Science Festival last month, it is part of an exhibition of artwork inspired by the fight against diabetes and can be seen at Manchester's Central Library until Wednesday 14 November.

[Read more](#)

## **Saving two lives per month: GM Stroke project**

On average, the lives of two stroke patients have been saved every month since the Salford Royal Acute Stroke Unit team started using an innovative ABC care bundle and app following a project with Greater Manchester Connected Health Cities (GM CHC).

GM CHC are improving patient outcomes by using technology to support clinical teams to deliver the right care to Stroke patients in time critical situations. The 'ABC care bundle,' which was developed at Salford Royal by Dr Adrian Parry Jones and the team, helps by:

- Rapidly reversing blood thinning drugs (Anticoagulants)
- Lowering patients' blood pressure in the emergency department (Blood pressure)
- Ensuring that the patients who need neurosurgery are taken there as quickly as possible (Care pathway.)

When the patients are in hospital, their data links to a dashboard so that the hospital teams can constantly monitor their condition and, if necessary, adjust their care accordingly.

Since the use of the ABC care bundle and app, the number of deaths in the 30 days following an ICH stroke dropped by around one third.

[Read more](#)

**National News**



## Pioneering NHS sites improving patient outcomes through innovation commended in new report.

"NHS Innovation Accelerator: Understanding how and why the NHS adopts innovation" captures real-world insight and learning from NHS sites which have successfully implemented innovations ranging from digital to patient safety devices and models of care.

The report, published by the NHS Innovation Accelerator (NIA) in partnership with The Bayswater Institute, aims to inform understanding of adoption and the enabling factors which support the uptake and embedding of innovation in the NHS. It was launched by Secretary of State for Health and Social Care, Matt Hancock MP during a special event at the London Stock Exchange celebrating the NHS adopter sites recognised in the report.

The adoption of new technologies and innovation in the NHS is a challenge. In developing understanding as to how and why NHS organisations take up an innovation, the NIA can support the NHS to realise the potential benefits of innovation more quickly. These benefits include: improved clinical outcomes, patient empowerment, reduced health inequalities, and savings to England's health and care system.

The NHS organisations highlighted in the report have all adopted high impact, evidence-based innovations supported by the NIA – an NHS England Accelerator delivered in partnership with the country's 15 Academic Health Science Networks (AHSNs) and hosted at UCLPartners.

[Read more](#)

---

## Matt Hancock launches tech vision for the NHS

Outdated and obstructive NHS IT systems will become a thing of the past, Health and Social Care

Secretary Matt Hancock has said as he launched his technology vision in The Future of Healthcare.

This vision transforms NHS technology to allow appropriate access to real-time data. This will underpin the digital services and data innovations needed.

The vision outlines plans to introduce minimum technical standards that digital services and IT systems in the NHS will have to meet.

Health and Social Care Secretary Matt Hancock said: "The tech revolution is coming to the NHS. These robust standards will ensure that every part of the NHS can use the best technology to improve patient safety, reduce delays and speed up appointments.

"A modern technical architecture for the health and care service has huge potential to deliver better services and to unlock our innovations. We want this approach to empower the country's best innovators – inside and outside the NHS – and we want to hear from staff, experts and suppliers to ensure our standards will deliver the most advanced health and care service in the world."

[Read more](#)

## **AHSN Network announces new Chair and Vice Chair**

Dr Séamus O'Neill is to take up the position of Chair of the national AHSN Network, a collaborative of England's 15 Academic Health Science Networks (AHSNs), while Piers Ricketts has been announced Vice Chair.

As Chair and Vice Chair from 20 November 2018, Séamus and Piers will play central roles in extending collaboration between England's 15 Academic Health Science Networks (AHSNs), including Health Innovation Manchester, and our national partners across health and social care, research and industry.

Séamus' new role will operate alongside his current position as Chief Executive Officer of the AHSN for the North East and North Cumbria, a post he has held since it was first established in 2013.

Séamus said: "I am delighted to be taking on this role as Chair of the AHSN Network. I am immensely grateful to my colleagues for entrusting me with the job and I will do my best to help the AHSN Network build on our very solid foundations."

Séamus and Piers take on the roles from Professor Mike Hannay and Professor Gary Ford who have held the roles since September 2017.

[Read more](#)

# **Opportunities and support**

## **Job opportunity: Head of Business Development - Life Sciences**

Health Innovation Manchester (HInM) and MIDAS, one of the UK's most successful inward investment agencies are seeking a new Head of Business Development for Life Sciences to join our high performing team to promote one of Europe's leading business and life sciences clusters – Greater Manchester.

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.

[Read more](#)

## Expert Blogs



### Precision Medicine - the holy grail or ongoing refinement of good care?

In his latest blog, Health Innovation Manchester's Chief Executive Ben Bridgewater has explored the diverse spectrum of precision medicine and the assets in Manchester with the capabilities to support personalised care for local citizens.

Ben said: "Greater Manchester has leading assets in this space, which is complex and requires innovative thinking across a range of diverse specialities including clinical, basic science, analytics, technology infrastructure, information governance, health economics and commercial.

"Some of the biggest challenges include the approach to supporting analysis of huge data sets and increasingly, will require the routing of complex insights into clinical workflow at scale, as well as driving to collaboration and new operating and business models to support implementation.

"All of these capabilities are around the city-region and are increasingly linking up through Health Innovation Manchester."

[Read more](#)

---

### The vital role of basic science in translational research

Dr Lloyd Gregory, Director of Strategy & Academic Partnerships at Health Innovation Manchester, has detailed how two events helped him to realise the importance of acknowledging the important role our fundamental/basic scientists play in translational research.



Lloyd, who is the operational lead for the University of Manchester's Wellcome Trust-funded Institutional Partnership Award designed to unblock bottlenecks to translational research, said: "I had the pleasure of attending two brilliant events that really hammered home the vital role that fundamental science plays in determining the direction of travel that translational and clinical research takes.

"I was also aware of the sheer joy that our discovery scientists feel on a day to day basis as they get to ask the fundamental questions like "what if...?" and "I wonder what happens when...?"

[Read more](#)

## Events

### **Q Community Network and Book Club 14 Nov**

The final Q Community Book Club for 2018 will focus on Creativity and will include a presentation from guest speaker Helen Bevan, Chief Transformation Officer, NHS England. Details [here](#)

### **Momentum Fund Masterclass 14 Nov**

Find out more information about the Momentum Fund and how to apply. Details [here](#)

### **Health 2.0 Manchester: Blockchain in Healthcare 15 Nov**

This meetup will explore what uses can a technology that is theoretically secured and protected from data breach threats have in healthcare. Are we already adopting this technology? Details [here](#)

### **The Northern Economic Summit 15 Nov**

This one-day forum will bring together leaders, policy makers, economists and business chiefs to construct a collective vision of how the North can rise to the challenge of reinventing itself as a self-sustaining economic power. Details [here](#)

### **Understanding the impact of PPIE in research 15 Nov**

This Manchester NIHR Biomedical Research Centre (BRC) Themed Discussion and Networking event will focus on "Understanding the impact of patient and public involvement in research: Making evaluation work for you". Details [here](#)

### **RCPE Evening Medical Update - Palpitations 27 Nov**

This event will focus on palpitations including an update on anti coagulation in atrial fibrillation. Details [here](#)

## RCPE St Andrew's Day Festival Symposium 29-30 Nov

The St Andrew's Day Festival Symposium is the highlight of the RCPE's year and brings together a vast array of international leaders covering the breadth of medicine and its specialities. Details [here](#)

**Our full events calendar is also available on our website**

[Read more](#)

---

## November Masterclasses and Courses

- [Teaching with Technology](#) - 21 November (Academy for Education and Professional Development).
- [Getting Started with Public Engagement](#) - 27 November (Centre for Academic and Researcher Development)
- [Pedagogy Seminar: The Learning Environment and singing off the same song sheet](#) - 27 November (Academy for Education and Professional Development)
- [Life Science Funding and Grant Masterclass](#) - 28 November (STEP INto Healthcare)

[Read more](#)



*Copyright © 2018 Health Innovation Manchester, All rights reserved.*

Want to change how you receive these emails?  
You can [update your preferences](#) or [unsubscribe from this list](#).