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Welcome to the October 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



**£300,000 Momentum Funding call opens for companies with innovative healthcare solutions**

Health Innovation Manchester is urging businesses with innovative healthcare products or services to apply for a share of £300,000 through the Momentum Fund.

The fund has been established to support the introduction and adoption of needs-led, evidence-based innovations into the healthcare system within Greater Manchester.

This year the fund is looking at innovations focussed on two themes:

- Urgent and Emergency Care
- Cardiovascular disease, diabetes, nutrition or obesity (Cardiometabolic needs)

All applications must include evidenced involvement from an NHS or Social Care Organisation within the Health Innovation Manchester footprint, which encompasses Greater Manchester and East Cheshire. Applicants may apply for funding between £25,000 and £75,000. Projects funded can last up to 12 months and will be monitored against agreed milestones and outputs. **Deadline: 12noon 16 October 2019.**

[Read more](#)



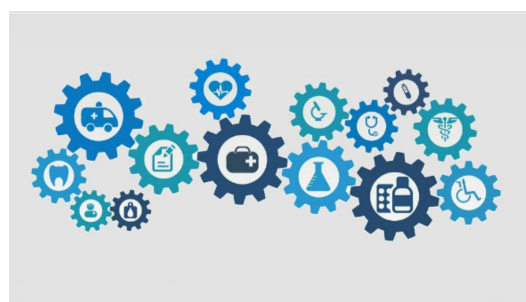
## Have your say on Greater Manchester's Mental Health Research priorities

Health Innovation Manchester and Greater Manchester Health and Social Care Partnership (GMHSCP) are working together to better align mental health research priorities with the current needs of our 2.8million citizens in Greater Manchester.

Historically, research has not always reflected the needs of our local population and a new listening exercise aims to engage with residents, carers and those working in mental health to discover what the region's mental health priorities should be.

Have your say in our [short online survey](#) and share your thoughts on priority areas.

The listening exercise runs until 8 November 2019. Click the button below to find out more



## Introducing the new NIHR Applied Research Collaboration for GM

The newly established the National Institute for Health Research (NIHR) Applied Research Collaboration for Greater Manchester (ARC GM) officially launched on 1 October 2019.

The NIHR has invested £135m to establish of 15 ARCs across England to develop innovative research projects that will directly improve patient care and treatment.

As part of Health Innovation Manchester, the ARC GM's research activity will be pivotal in finding new and better ways of preventing illness and delivering care, ensuring that Greater Manchester continues to be at the leading edge of health innovation, care and treatment.

Over the next five years the ARC GM will focus on research themes including organising care,

about the listening exercise and to take part in the survey.

[Read more](#)

digital health, mental health, economic sustainability and healthy ageing.

[Read more](#)



## Sharing learning at the North West COPD Discharge Bundle Joint Collaborative

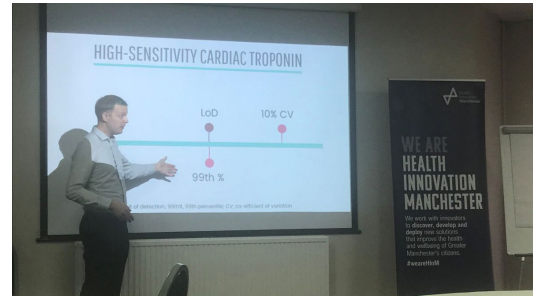
Health Innovation Manchester, Greater Manchester and Eastern Cheshire Patient Safety Collaborative (GMECPSC) and the Innovation Agency held the North West Chronic Obstructive Pulmonary Disease (COPD) Discharge Bundle Collaborative at the Mecure Haydock Hotel on 27 September.

It will support the adoption of the COPD Discharge Care Bundle with the aim of improving care and reducing readmissions for patients admitted with acute COPD exacerbation.

The event included patient stories, dashboard data information and a workshop for organisations to plan their own implementation journeys.

[Watch Don's story](#) about his life with COPD and how he wishes the care he receives now had been available for his late wife Carole.

[Read more](#)



## Troponin only Manchester Acute Coronary Syndromes (T-MACS) Network Event

Health Innovation Manchester hosted a Troponin only Manchester Acute Coronary Syndromes (T-MACS) Network event in Manchester, to update partners on the progress of the T-MACS programme and share learning from the recent work that is being done across Greater Manchester.

T-MACS is a computerised clinical prediction model which calculates each individual patient's probability of acute coronary syndrome following a single troponin blood test at the time of arrival at the emergency department.

The event included an update on the progress made with the T-MACS project and discussions about key achievements and challenges as well as the role of Health Innovation Manchester and the AHSN Network in improving the spread and adoption of the technology.

[Read more](#)



## Patient Safety Collaborative share learning with Maternity and Neonatal system

Greater Manchester and Eastern Cheshire Patient Safety Collaborative hosted a Maternity and Neonatal Local Learning Set event on 19th September, gathering staff and from across the system to discuss best practice in how to engage with families, learn from excellence and human factors and how to improve overall care.

The event included progress reports from the system as well as presentations about data quality, skills assessments and Plan, Do, Study, Act (PDSA) approaches.

Wendy Stobbs, Senior Programme Development Lead, Patient Safety Collaborative at Health Innovation Manchester, said: "It was really great to see all of our Greater Manchester and Eastern Cheshire teams at our Local Learning System event for our national Maternity and Neonatal Collaborative."

[Read more](#)



## Dr Paula Bennett joins Florence Nightingale Foundation Alumni

Dr Paula Bennett, Associate Director of Clinical Development at Health Innovation Manchester and the Utilisation Management (UM) Unit, attended a Presentation of Certificates Awards Ceremony for the scholars of 2018 with the Florence Nightingale Foundation.

As one of the 2018 Scholars, Paula was welcomed into the Foundation's Alumni Community, and will be invited to future networking and reunion programmes, in particular the Foundation's celebration to commemorate Florence Nightingale's 200th birthday in 2020.

Paula said: "The learning, mentoring and networking opportunities I have had over the last 12 months have been truly amazing."

[Read more](#)

# Feature

## How Manchester is leading the world in a new era of genomics

The world's leading practitioners in genomics – a field of biology that will be key to delivering precision and personalised medicine – are now shaping a community of experts in Manchester.

Award-winning health writer and Guardian contributor, Rachel Pugh, investigates the opportunities for local patients and international investors alike, including the global companies conducting genomics research here in Manchester.





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## Greater Manchester System News



### **New Greater Manchester health technology accelerator programme launches**

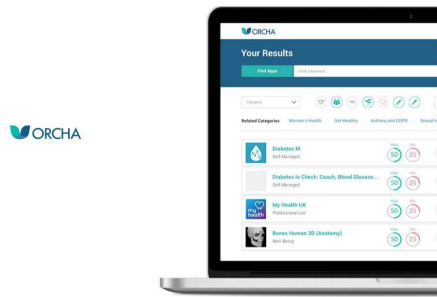
Successful start-up businesses have now been named as part of the Greater Manchester Future of Health Challenge launch.

The Greater Manchester Future of Health Challenge is an initiative to identify new solutions based on digital technologies to address some of the most pressing public health problems in the Greater Manchester area. It is a collaboration between Up Ventures, MediaCityUK, Salford Royal NHS Foundation Trust, Salford Digital, Health Innovation Manchester, Novartis, Push Doctor, Google, and Apadmi.

Fifteen participants were selected from over 100 applicants who replied to the call for creative use of new technologies to solve some of Greater Manchester's most pressing health problems.

This 12-week programme will include training, mentoring and support from leaders in the health and technology space, including Novartis, Google and Salford Royal NHS Foundation Trust, to create new clinical solutions for patients in Greater Manchester and beyond.

[Read more](#)



## ORCHA: Unlocking the power of health apps across GreaterManchester

With smartphones part of everyday lives, Health Innovation Manchester is encouraging NHS organisations across the region to improve services by safely unlocking the potential of health apps by talking with the Organisation for the Review of Care and Health Apps (ORCHA).

North West based ORCHA is part of the NHS Innovation Accelerator programme and leads the world in helping health services to safely embed health apps into patient pathways. It's reviewed around 6,000 apps to date.

Teams across Salford Royal NHS Foundation Trust and Bolton NHS Foundation Trust today work with ORCHA with dedicated libraries of tested and approved apps that their health professionals can search and prescribe to patients. Teams are using apps in a wide range of services, from occupational health and physio, to community nursing and psychology services.

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## Preventing falls from occurring in Tameside with Safe Steps app

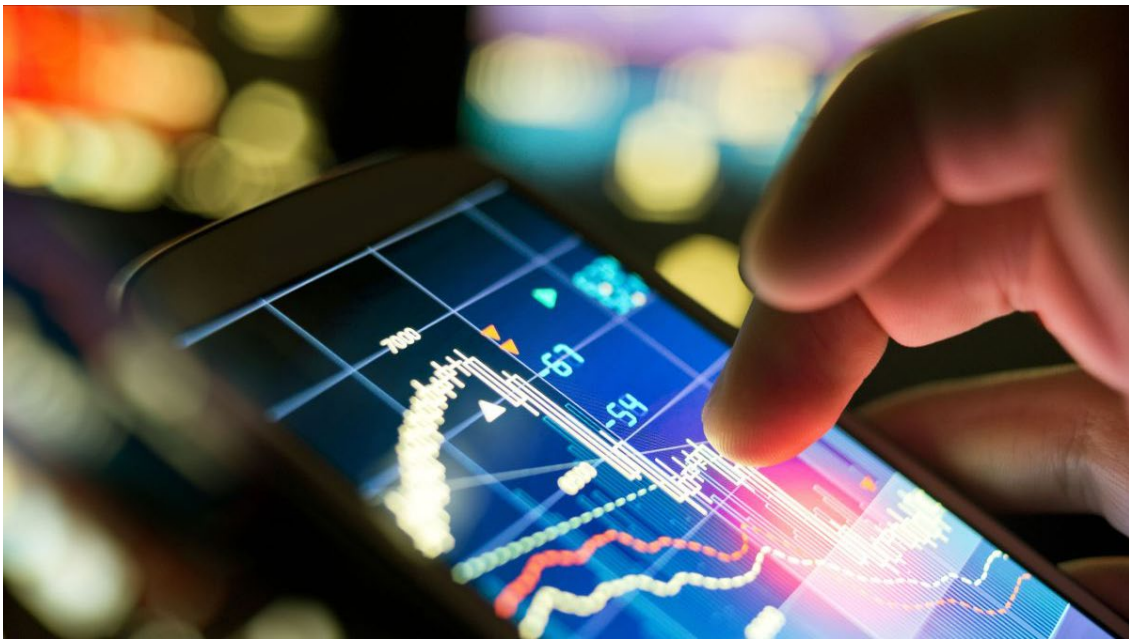
Safe Steps, one of the companies taking part in the Greater Manchester Digital Health Accelerator with Health Innovation Manchester, is a digital falls risk assessment tool, designed to reduce the number of falls in care homes.

Tameside and Glossop Integrated Care NHS FT is taking part in a 12-month pilot working with Health Innovation Manchester and app Safe Steps with a view to the app being rolled out to hospitals across Greater Manchester.

As part of the pilot, all patients admitted to the Stamford Unit at Tameside Hospital has a risk assessment on the Safe Steps app, that then devises a care plan individualised for the patient. The care plan gives the clinical team actions, and the app keeps track of what actions are outstanding for that patient, which also assists the clinical team.

[Read more](#)

# National News



## Pioneering data research centres to enable cutting-edge research and innovation to benefit UK patients

Seven new data hubs to be rolled out across the UK to speed up research for new medicines, treatments, and technologies that support quicker diagnoses and save lives

Led by Health Data Research UK, these hubs aim to improve the lives of people with debilitating conditions, and will link up different types of health data and make it more easily accessible and user-friendly for research, while maintaining strict controls around data privacy and consent.

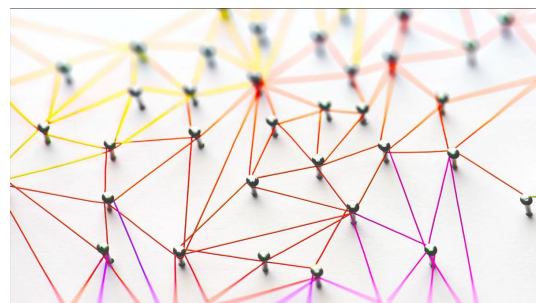
The Health Data Research Hubs are part of a four-year £37million investment from the UK Government Industrial Strategy Challenge Fund (ISCF) announced in November 2017 led by UK Research and Innovation, to create a UK-wide system for the safe and responsible use of health-related data on a large scale. The hubs will also stimulate further economic growth through greater research activity.

[Read more](#)



## Healthy.io raises \$60 Million for smartphone kidney test

Greater Manchester Digital Health Accelerator-supported company, Healthy.io, has announced it has received 510(k) clearance from the U.S.



## Applications open for AAC Pathway Transformation fund

Funding announced by government in July 2017 is available through the new Accelerated Access Collaborative Pathway Transformation Fund

Food and Drug Administration (FDA) for its smartphone-based ACR test to be used in the aid of diagnosing chronic kidney disease (CKD), which affects over 35 million Americans.

As a global leader in turning the smartphone camera into a clinical-grade medical device, this is the second FDA clearance the company has received. The company also closed a \$60 million Series C funding round led by Corner Ventures with participation by Joy Capital and all previous investors: Ansonia Holdings, Aleph, and Samsung NEXT.

Healthy.io has worked closely with a number of AHSNs – Health Innovation Manchester, North East North Cumbria, UCL Partners, Kent, Surrey, Sussex and Yorkshire & Humber AHSN.

[Read more](#)

(PTF) to help NHS organisations integrate the rapid uptake products into everyday practices. Delivered with the support of the Academic Health Science Networks (AHSNs), the PTF seeks to improve equality of access to these products.

The PTF can help providers overcome practical obstacles to deploying these products. After the success of Phase 1 applications, Phase 2 is now open for applications. It will close midnight on 31 October 2019.

This will focus on five of the AAC rapid uptake products: UroLift, placental growth factor-based testing, high-sensitivity troponin testing in an under 3-hour protocol, HeartFlow and PCSK9 inhibitors.

[Read more](#)

## Events

### Cancer Research UK Innovation Summit 7 Oct

The Innovation Summit will showcase the motives for, and benefits of, translating research through entrepreneurial commercialisation and the support infrastructure available. The programme will include topics covering the incentives for engaging in entrepreneurship and how to overcome the challenges that an entrepreneur may face. [Read more](#)

### NIHR North West SME MedTech Roadshow 9 Oct

The one-day event will offer you an explanation of the support that you can receive from the National Institute for Health Research (NIHR) and other local partner organisations. This will include practical advice on the funding programmes that the NIHR run that are available for SMEs. You will hear from representatives from some of the companies that we have helped who will be sharing their experiences, tips and advice from an SME perspective. [Read more](#)

### Health 2.0 Manchester: Digital Tech in Prevention and Population Health Management 17 Oct

This Health 2.0 meetup will explore a few examples of how digital technology is changing and helping population health management with talks and demonstrations from experts across the system. [Read More](#)

### Life Science Support Health Economics Masterclass 8 Nov

The GC Business Growth Hub Life Science Support Team are hosting a new fully-funded Life Science Support Health Economics Masterclass as part the STEP INto Healthcare Masterclass series. This masterclass will cover a range of topics and provide an overview of the methods of economic evaluation available, and how this can be used to present cost effectiveness and impact of health and care technologies. [Read more](#)

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## Masterclasses and Courses

- [55 Behaviours of Transformational Educators](#) - 16 Oct  
The Academy for Education and Professional Development
- [Generic aspects of study design for experimental medicine studies and trials](#) - 17 Oct  
NIHR Manchester BRC Networking and Webinar Series
- [Teachable Moments in Disease Prevention](#) - 31 Oct  
BRC P4 Medicine Themed Discussion & Networking Event

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

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