



Welcome to the February 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



Partnership work with the Association of British Pharmaceutical Industry (ABPI) shortlisted for HSJ award

Health Innovation Manchester and the ABPI have been shortlisted for the "Best Pharmaceutical Partnership with the NHS" award at the upcoming HSJ Partnership awards.

In February 2017, Health Innovation Manchester (HiM) and the Association of British Pharmaceutical Industry (ABPI) signed a landmark Memorandum of Understanding (MoU) to transform access to medicines for patients in Greater Manchester. The goal was to help the city region deliver its vision to be the safest and most effective place to receive medicines in the world – and cement its position on the global research and development map.

The creation of the Greater Manchester and Pharmaceutical Industry Partnership Group has profoundly impacted on the region's relationship with industry, delivering direct benefits to patients, the healthcare system, academia and the local economy.

This includes an increase in commercial research studies, increased investment from industry and the development of an ambitious work programme with ground-breaking projects such as a drive to be the first UK city to eliminate Hepatitis C, optimising medication for COPD patients and securing rebates in mental health drugs.

Professor Ben Bridgewater, Chief Executive of Health Innovation Manchester said: "Our partnership with the ABPI continues to be pivotal in enabling us to work more effectively with pharma, moving away from traditional customer-supplier relationships to one of collaboration, risk-sharing and co-production of solutions to improve outcomes for citizens. I am delighted that we have been shortlisted in the HSJ Partnership Awards."

Mike Thompson, Chief Executive of the ABPI, added: "Thanks to the vision, collaborative spirit and patient focus of its health and social care leaders, Manchester is becoming a magnet for industry investment and is now internationally recognised as a key UK life sciences asset."

[Read more](#)



COPD patients in Greater Manchester get the Aardman treatment in new animation

Patients have been sharing their experiences of living with Chronic Obstructive Pulmonary Disorder (COPD) in Greater Manchester as part of a [new engaging video from Aardman](#).

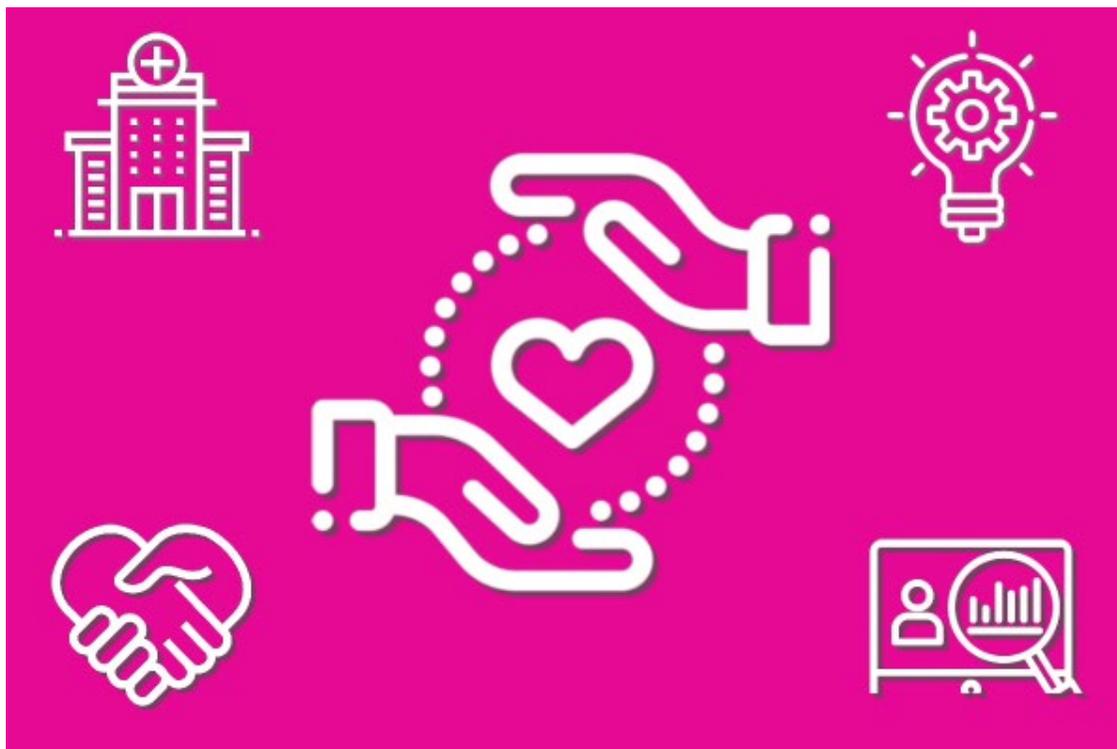
The Academy® Award-winning studio, who created “Wallace & Gromit”, “Shaun the Sheep” and “Creature Comforts”, have used testimonials collected from real patients and clinicians to create a unique film designed to raise awareness of COPD and give patients a chance to improve care for the next patient by sharing their experiences.

It also encourages other patients to have their say on their care as part of a new pilot feedback project, “Rate My Inhaler” currently running in Greater Manchester as part of a wider COPD programme.

Health Innovation Manchester has worked in collaboration with healthcare company GSK and iWantGreatCare (iWGC), the world’s largest independent patient feedback platform, for the project. The service offers patients the chance to rate and review not only the care they received from their clinicians, but for the first time, review their prescribed COPD maintenance inhalers.

The ambition is to ensure that patients have a voice to inform their health system, in turn leading to greater patient participation in how their care is provided in Manchester. Read more and view the video on our website.

[Read more](#)



New digitally-enhanced service for people with heart failure to be trialled in Greater Manchester

A digitally-enhanced service using data from existing implantable devices to transform care and better meet the needs of heart failure patients is set to be trialled in Greater Manchester.

Health Data Research UK has announced that the project is one of ten innovative solutions to receive a share of £3 million Government funding as part of the modern Industrial Strategy, which aims to tackle the big societal and industrial challenges of today such as an ageing population.

Health Innovation Manchester has developed the heart failure project through an innovative partnership between Manchester University NHS Foundation Trust, The University of Manchester, global medical devices company Medtronic and clinical trials specialists North West EHealth.

Around 1,000 Greater Manchester patients already have an implantable device such as a pacemaker or defibrillator which captures information about their health. As part of the project, the clinical team will work closely with Medtronic, the company which provides the devices, to use the data to try and detect signs of deterioration earlier and to transform care for the patient.

[Read more](#)



Opportunities discussed at Ask the Buyer NHS and public sector procurement event

More than 50 businesses and SMEs had the chance to put their burning procurement questions to a panel of experts from across the NHS and public sector at the 2019 Ask the Buyer event.

On 23 January, delegates gathered at Alderley Park Conference Centre, in Alderley Edge, for a morning of discussions and a Q&A session focused on how businesses can help their innovations get through the procurement process.

Speakers at the event included a variety of procurement heads from across the NHS and public sector in the North West as well as: Councillor Lesley Smetham, the Worshipful Mayor of the Borough of Cheshire East, Ben Bridgewater, Chief Executive of Health Innovation Manchester and Procurement expert Colin Cram – who has worked in the public sector

Health Innovation Manchester Chair

Rowena Burns

Named on Northern Power Women List 2019



NORTHERN POWER WOMEN



HiM Chair Rowena Burns included in the Northern Power Women List 2019

Our Health Innovation Manchester Chair, Rowena Burns, has been named on the Northern Power Women List 2019.

The List consists of 100 women who have contributed to making a difference in their communities in raising the awareness of gender equality across the North of England. It also celebrates women who challenge the norm and ensure that everyone they work with recognise the importance of having a gender-balanced workplace.

Rowena chairs Health Innovation Manchester with an approach to drive growth, which involves extensive joint working with Greater Manchester's universities, NHS organisations and industry partners.

In other roles, Rowena is also chair of Manchester Science Partnerships and a board

for more than 40 years and set up several centralised procurement and contracting organisations.

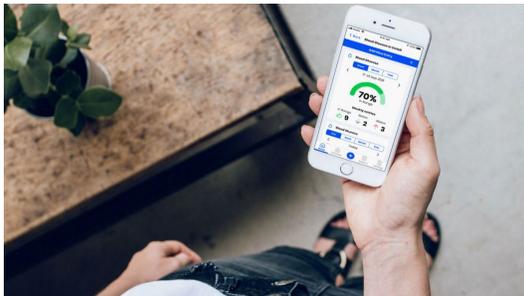
Daniel Zamora, HInM's Commercial Programme Manager, said: "The event was very well attended and our audience posed some interesting and challenging questions to our panel resulting in interesting debates. We hope delegates found the event interesting and have left with a wider understanding of the procurement process in the NHS and public sector."

[Read more](#)

member of the Corridor Manchester, making her a driving force in the continued growth of Manchester's knowledge quarter and innovation ecosystem.

Also included in this year's list are Amanda Lamb, Chief Operating Officer at Connected Health Cities, Liz Mear, Chief Executive at The Innovation Agency and Lisa Miles, Operational Manager and Manchester Biomedical Research Centre. Congratulations to all those included on the list.

[Read more](#)



New app to prevent complications from diabetes goes live

A new app has been launched to help prevent complications from diabetes. Cheshire-based company Gendius have launched a free version of diabetes app Intellin on app stores.

Intellin enables people to track how they are managing their diabetes with the unique benefit of telling individuals their risk of developing complications from their diabetes.

Intellin acts as an electronic diary allowing an individual to input how they are managing their diabetes. The app then sends daily hints and tips on how to prevent complications and was built after extensive collaboration with people with diabetes and healthcare professionals.

It also follows funding from Health Innovation Manchester through the Momentum Fund, which enabled the company to complete a final piece of market research to better understand the patient journey and what people with diabetes would



Innovative procedure to reduce surgery times underway in Stockport

The first patients at Stepping Hill Hospital have benefitted from quicker operations as the innovative new procedure Urolift is introduced.

Stockport NHS Foundation Trust has begun using the new Urolift technique for patients with Benign Prostatic Hyperplasia (BPH), a condition in which the prostate enlarges as men get older.

Previously, patients would require general anaesthetic for surgery to remove or laser part of the prostate – a procedure that would take 60 minutes and usually require an overnight stay.

With the revolutionary Urolift system, patients can be treated with a minimally-invasive and quick procedure which does not require heating, cutting or removal of the prostate tissue. The treatment can be completed in less than 30 minutes and patients can be treated as day cases, without the need for a hospital stay or catheter. They also suffer fewer complications and can usually return

want as their “ultimate” app to help manage their diabetes.

[Read more](#)

home the same day with an increased quality of life.

[Read more](#)

Greater Manchester System News



Boy with rare brain tumour begins treatment at The Christie's new proton beam therapy centre

A 15-year-old boy with a rare brain tumour has begun world-leading treatment at the NHS's new proton beam therapy centre at The Christie hospital in Manchester.

Proton beam therapy (PBT) is a specialist form of radiotherapy that targets cancers very precisely, increasing success rates and reducing side effects, which makes it an ideal treatment for certain cancers in children who are at risk of lasting damage to organs that are still growing.

The state-of-the-art treatment is only available in a handful of countries around the world with The Christie's proton beam centre the newest and most up to date centre in the world.

Mason Kettley, from Angmering, West Sussex, was diagnosed with a brain tumour in October. He is one of the first patients to undergo proton beam therapy on the NHS in England following the completion of the £125 million centre last year.

Mason said: "I'm nervous about what is going to happen, but I'm also excited to start this treatment. I'm so grateful to all the doctors involved in my care and I'd love to do what they do one day – it will be my way of giving something back."

[Read more](#)



Male contraception put to the test in Manchester and Edinburgh

Couples in Manchester and Edinburgh are being invited to take part in a ground-breaking international study trialling a new form of male contraception.

Men will be asked to use a daily gel that suppresses sperm production as their sole method of birth control as part of two-year study to assess whether the gel is effective in preventing pregnancy and whether this method is acceptable to couples.

The gel – called NES/T – is a hormone-based treatment that is designed to reduce sperm production without affecting libido. Men will apply the gel daily to their upper arms and shoulders and attend monthly clinics to monitor their sperm count.

The study is being led in the UK by Saint Mary's Hospital, part of Manchester University NHS Foundation Trust, and the University of Edinburgh. It is part of an international project funded by the US National Institute of Health and led by the Los Angeles Biomedical Research Institute and the University of Washington School of Medicine.

[Read more](#)



Film highlights patient engagement in research



Nominate your health and care champions for GM awards

Working effectively with people and patients is essential to the work of the NIHR Manchester Biomedical Research Centre (BRC) and Clinical Research Facility (CRF) and key to achieving their aims of delivering world-leading research and reducing health inequality.

Manchester BRC has launched a new film to highlight how it listens to, involves and engages people and patients with lived experience to inform and bring new and vital perspectives to research.

The film highlights how the BRC works closely with the Public Programmes Team at Manchester University NHS Foundation Trust – an award-winning specialist unit established in 2003, advising on and delivering patient and public involvement and engagement (PPIE), across Greater Manchester, nationally and internationally.

[Read more](#)

Nominations are now open for the Greater Manchester Health and Care Champion Awards 2019.

The awards are the only Greater Manchester-wide awards to recognise those who regularly go above and beyond to improve the health and wellbeing of the people of Greater Manchester.

Now entering their second year, the awards are a fantastic opportunity to say thank you to the unsung heroes who are really making a difference in our communities.

The awards seek to recognise anyone who helps improve the health and wellbeing of others; from doctors, nurses, physiotherapists, social workers and pharmacists, to care workers, unpaid carers, apprentices and volunteers.

Nominations are open until Friday 15 March.

[Read more](#)

Research reveals link between prescribing of antibiotics and other types of medicine

Research recently published from Greater Manchester Connected Health City (GM CHC) has found a strong link between the prescribing of antibiotics and other types of medicine in General Practice across the UK.

As part the GM CHC antimicrobial resistance project, the research team have been working to broaden the understanding of the key drivers which influence antibiotic prescribing in practices across the UK, so that more effective measures can be taken to optimise antibiotic prescribing in primary care.

The latest research shows a large variability between practices in the prescribing of medicines (other than antibiotics) ranging from 8800 to 27000 items prescribed per 1000 patients per year. The high prescribing practices were found to issue 80% more antibiotics compared to low-prescribing practices.

This latest research from GM CHC has been published in the British Journal of General Practice.

[Read more](#)

Greater Manchester leaders reveal bold plans for city-region's future

Greater Manchester's leaders have set out a series of bold and far-reaching new housing and transport proposals that showcase the region as a confident, ambitious hub which places its people at its heart.

Greater Manchester's Plan for Jobs, Homes and the Environment – the Greater Manchester Spatial Framework (GMSF) – has been radically rewritten. The plan focuses on making the most of Greater Manchester's brownfield sites, prioritising redevelopment of town centres and other sustainable locations.

Mayor of Greater Manchester Andy Burnham said: "Together, we are harnessing the full power of the most advanced devolution deal of any city-region in England for the benefit of our three million residents.

"And we are putting together the pieces of the jigsaw to reveal the big picture - a Greater Manchester where prosperity, opportunity, health, hope and happiness are widely and fairly shared across all our people and places."

[Read more](#)

National News



Role of AHSNs in healthcare innovation highlighted in NHS Long Term Plan

Health and care leaders have come together to develop a Long Term Plan to make the NHS fit for the future. The plan has been drawn up by those who know the NHS best, including frontline health and care staff, patient groups and other experts.

The role of England's 15 Academic Health Science Networks (AHSNs), including Health Innovation Manchester, in spreading proven healthcare innovations is given a renewed vote of confidence in the Long Term Plan.

AHSNs will also link ever more closely with other regional support, such as RightCare and Getting It Right First Time (GIRFT), to ensure adoption of innovation and service improvement are addressed in tandem.

The Long Term Plan announces the introduction of a simpler, clearer innovation system with key role for AHSNs. This will help to speed up the pipeline for developing innovations in the NHS, so that proven and affordable innovations get to patients faster.

Chair of the AHSN Network, Dr Séamus O'Neill, said: "The AHSNs are extremely pleased to see that innovation is a key thread running through the NHS Long Term Plan, and are encouraged to

see a real sense of urgency in simplifying the innovation pipeline, with the AHSN Network at the heart of this.

"Our shared ambition with the NHS is to ensure high quality, evidence-based solutions are put to work for patient benefit as quickly as possible enabling prevention of ill-health, earlier diagnosis, more effective treatments, better outcomes and faster recovery."

[Read more](#)

AHSNs support Care Quality Commission's call for a "change in culture within the NHS" to reduce avoidable harm

In a national report published in December, the Care Quality Commission (CQC) reported that too many people are being injured or suffering unnecessary harm. 'Opening the door to change' examines the issues that contribute to the occurrence of so-called 'never events' and other patient safety-related incidents in NHS trusts.

The AHSN Network is uniquely placed to support improvements in patient safety, through its work spreading proven healthcare innovations, and bringing industry and healthcare organisations together to develop innovative solutions.

The report also highlights the work of Patient Safety Collaboratives (PSCs), which it says are uniquely placed to support the wider healthcare system to improve patient safety outcomes. The 15 regional PSCs are hosted by AHSNs and are commissioned by NHS Improvement to deliver national workstreams on deterioration and sepsis, medicines safety, maternal and neonatal safety, and adoption and spread.

[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.

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. Deadline 21/02/2019 Find out more [here](#)

Innovation Support: Excel in Health Programme

The Excel in health programme is a series of business workshops run in partnership by the Innovation Agency and Health Innovation Manchester to support health businesses in Cheshire. The programme includes three sessions:

- Understanding the NHS as a market place

- Developing your innovation for business
- Funding and pitching.

In addition there will be an opportunity to take part in a Q&A session with our speakers and networking. Read more [here](#)

Research Support: Rosetrees Trust 2019 Young Enterprise Fellowship awards

Researchers are invited to apply for up to £60,000 to develop a long-term programme of biomedical research. Part of the Rosetrees Trust, a charity organisation that supports medical research throughout the UK, this new nationwide scheme is designed for researchers to develop a new and truly innovative idea rather than extend their current research.

Applicants will be expected to apply their skills to address an important unmet clinical problem, to develop their scientific independence and establish new collaborations across disciplines in the field. Up to £60,000 per annum for three years is available for salary and consumables costs. Read more [here](#).

Expert Blogs



Accelerating the uptake of technologies in the NHS — HSJ roundtable featuring Professor Ben Bridgewater

Health Innovation Manchester's Chief Executive Ben Bridgewater took part in a HSJ and Edwards roundtable examining why the NHS is considered a slow adopter of innovative technologies and how to overcome the barriers to greater uptake.

During the course of the roundtable, attendees discussed challenges and drivers for adoption of new technologies, evolving innovation and the role of patients.

Speaking about the role that Academic Health Science Networks (AHSNs) can play in ensuring rapid uptake of innovations, Ben described them as "coming of age" and becoming more unified in approach. However he added that more could be done on big areas, "where there was potentially massive benefits and an unimpeachable value proposition to ensure it was deployed across their patch".

He added that developing technologies offer both hope to patients and present issues for a cash strapped NHS. "The world is a completely different place to what it was 10 years ago, it will also be completely different in 10 years' time," said Ben.

[Read more](#)

The NHS is an economic asset — Dr Seamus O'Neill

Chair of the AHSN Network, Dr Seamus O'Neill has examined how AHSNs are supporting economic growth by brokering interactions between the NHS and companies as part of an NHS Voices piece for NHS Confederation.



He said: "The launch of the second Life Sciences Sector Deal highlighted again the importance to the UK economy of the triple helix-interaction between academia, industry and the NHS. It also reinforced that while the university sector is adept at articulating and demonstrating benefit from its interactions with industry, the NHS and care sectors are much less mature in their articulation of the value they add to the economy through invention, evaluation and adoption of products and services.

"Throughout the second sector deal, there is repeated reference to the NHS as: a fertile source of innovation; important partners in co-production and de-risking of investment; a testing ground for generating evidence of efficacy; and as a crucial, but often challenging, market for products and services.

"The new sector deal cites the strengthened role of the AHSNs in improving NHS access to new technologies."

[Read more](#)

Events



SMEs and confidently tackling the Medical Devices Regulations 13 Feb

This free one-day workshop aims to help small and medium-sized enterprises (SMEs) to develop the tools necessary to comply with new Medical Devices Regulation and then how to apply these tools to the overall business development strategy.

Delivered by Health Innovation Manchester in partnership with the Association of British HealthTech Industries (ABHI), the event focuses on the new EU Medical Devices Regulation, which entered in to force in May 2017,

You will hear from industry experts including the Medicines and Healthcare products Regulatory Authority (MHRA) and NICE who will outline their role in medical device regulations and the recent Evidence Standards Framework for Digital Health.

There will also be the opportunity to have one-to-one sessions with the keynote speakers (booking required) to answer any questions and provide advice on issues of particular relevance to your organisation.

Registration details and the event agenda are available [here](#)

World Healthcare Congress Europe 5-7 Mar

World Healthcare Congress Europe is a three-day event showcasing new approaches to health and social care delivery. It will take place at Manchester Central on 5 - 7 March.

Health Innovation Manchester and fellow AHSN, Innovation Agency, will be leading two innovator sessions at World Healthcare Congress Europe in Manchester on 6 March. Innovators and entrepreneurs are invited to two workshops designed to offer them a chance to showcase their innovations and engage with healthcare leaders from across the UK.

Entrepreneur SLAM — Wednesday 6 March, 9:00 - 10:30

Innovators and entrepreneurs attending the World Health Congress Europe, that have developed an innovation that can transform health or healthcare delivery, will be invited to apply to participate in the Congress Health and Care Slam. Entrepreneurs and innovators will be given the opportunity to present their innovation/project/company to potential partners, future customers and other leading stakeholders and opinion leaders in health & life sciences.

Innovation Connect Session — Wednesday 6 March, 15:30 - 17:30

Innovators and entrepreneurs attending the Business Partnering session at the annual World Health Congress Europe are provided an unrivalled opportunity to gain exclusive insights and advice from innovation experts and health and care decision makers at our Innovation Connect Session. These 1-1 advice sessions are designed to help innovators and entrepreneurs understand both the opportunities and challenges in applying their technologies, products and services, by providing free of charge advice from innovation experts and decision makers on how to overcome potential barriers, inhibitors, technical and operational issues.

Read more about the sessions on the World Healthcare Congress Europe website

[Read more](#)

Translation@Manchester Launch 12 Feb

Translation@Manchester was established to help overcome the obstacles to conducting translational research by bringing together a network of support, facilities and expertise to make the pathway to translation quicker and easier. The event will discuss the highlights and challenges of conducting translational research at Manchester, and discover the opportunities and support available to you to help progress your research along the translational pathway. Details [here](#)

ImmunoOncology One Manchester Conference 12 Feb

Manchester Cancer Research Centre's one-day workshop for participants from industry, academia and NHS Trusts is designed to showcase Manchester's strengths and encourage new and exciting collaborations. The event will include speakers from across ImmunoOncology Manchester groups including CRUK Manchester Institute, Lydia Becker Institute of Immunology and Inflammation, University of Manchester, The Christie NHS Foundation Trust Clinicians and more. Details [here](#)

Basic/Discovery Science Workshop 13 Feb

Join The University of Manchester Faculty of Biology, Medicine and Health (FBMH) Fellowship Academy for an afternoon workshop led by Professor Ian Roberts. Hear from senior academics, current award holders and funders and get 121 and group advice on specific calls and applications, plus networking. Details [here](#)

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](#)

NIHR Greater Manchester PSTRC Annual Symposium 22 May

Details have been released for the NIHR Greater Manchester Patient Safety Translational Research Centre Annual symposium. The event is open to anyone with an interest in patient safety in healthcare and will cover key topics of relevance to patient safety in Greater Manchester and beyond. Details [here](#)

Our full events calendar is also available on our website

[Read more](#)

Masterclasses and Courses

- [Introduction to Research Project Management](#) — 12 February
Centre for Academic Research Development (CARD)
- [Webinar: Exploring the work of the Suspicion of Sepsis Dashboard](#) — 12 February
Centre for Academic Research Development (CARD)
- [How to write a successful grant application](#) — 13 February
Centre for Academic Research Development (CARD)
- [Learning@Lunch: Towards a Smarter Curriculum](#) — 13 February
Academy for Education and Professional Development
- [Developing as a Leader](#) — 15 February
Centre for Academic Research Development (CARD)

[Digital reach through communication: Twitter and opinion writing workshop](#) — 15 February
NIHR Manchester BRC Workshop

- [Getting started with public engagement](#) — 27 February
Centre for Academic Research Development (CARD)
- [Interview Skills](#) — 28 February
Centre for Academic Research Development (CARD)
- [Pedagogy Seminar: Reflections on Feedback](#) — 13 February
Academy for Education and Professional Development
- [Information Governance Workshop](#) — 1 March
Connected Health Cities

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