

# Sheffield

## An innovation partner with pedigree

Sheffield is a thriving city in the heart of Great Britain with a track record for world class research and innovation in the field of health care and technologies. An established partnership between one of the largest NHS Teaching Trusts – Sheffield Teaching Hospitals and two world class Universities form the foundation for successful collaborations with industry, the pharmaceutical sector and other NHS and commercial health care providers.

Here we provide a snapshot of the expertise, facilities and collaborations we have to offer and we would love to talk to you about becoming a partner to bring your ideas to life and the healthcare market.

## Why Sheffield and South Yorkshire?

With an established pedigree in healthcare technology, sport research and healthcare service design and flagship research Institutes for Neuroscience and Healthy Lifespan, we are a region that can help tackle global health challenges.

The health sector has over 4,000 employers in South Yorkshire and has established a reputation for excellence in the development of innovative healthcare technologies. The region is host to many world-leading healthcare technology companies including Braun, Swann Morton, Orchid and JRI Orthopaedics and the only Olympic Legacy Park in the world outside of a host city.

The region also has several large teaching hospitals, is the location for world leading clinical research and biomedical devices, and has several firms involved in diagnostic and interventional innovations (everything from surgical to artificial intelligence). The National Centre for Sport & Exercise Medicine is a globally leading transformation programme colocating health and activity in bespoke community facilities, utilising the unique demographic of Sheffield as a living laboratory for research and innovation.

Sheffield Hallam University's Advanced Wellbeing Research Centre (AWRC) builds on this capability to undertake world-class research in physical activity. The AWRC also develops collaborative community, academic and industry partnerships to drive innovation and codesign products, interventions and services that transform the social, behavioural and environmental determinants of health. Future developments including the University of Sheffield Gene Therapy Innovation & Manufacturing Centre provide further opportunities. Digital technology is changing how education, engineering, and manufacturing operates.

The region has a lot to offer entrepreneurs, from Sheffield's Digital Coalition, dotSHF and Sheffield Digital, to Barnsley's Digital Media Centre. There is a growing value chain which is delivering specialist training to support growth in the sector and a thriving network of over 400 companies, incubators and organisations; all of which make up our digital media and technology ecosystem. Over 60% of the UK's educational technology capacity is in Sheffield, and we are the home of national and globally significant businesses like The Floom, Sumo Digital, Wandisco, Plusnet, and 3Squared.

**PROUD TO MAKE A DIFFERENCE**

SHEFFIELD TEACHING HOSPITALS NHS FOUNDATION TRUST



# Our offer



Sheffield Teaching Hospitals  
NHS Foundation Trust

## NIHR@Sheffield Teaching Hospitals NHS Foundation Trust

The National Institute for Health and Care Research (NIHR) was established by the Department of Health and Social Care. The NIHR helps accelerate innovation, getting new technology to patients faster, by commissioning and funding research projects and programmes, and by providing MedTech companies with access to expert investigators and world leading research facilities. Sheffield Teaching Hospitals host a number of NIHR infrastructure programmes.

## Devices for Dignity MedTech Cooperative (MICs)

The aim of the MICs is to build expertise and capacity in the NHS to develop and evaluate new medical technologies and In Vitro diagnostic (IVD) tests. D4D operates nationally, bringing together the right team of expert clinicians, academics, members of the public, carers, charities and industry to deliver solutions to specific needs. With a focus on three clinical areas; Long Term Neurological Conditions, Renal and Diabetes.

## Sheffield Biomedical Research Centre

The Sheffield Biomedical Research Centre is a partnership between the University of Sheffield and Sheffield Teaching Hospitals. The centre is focused on translational neuroscience for chronic neurological disorders.

## Sheffield Clinical Research Facility

Dedicated 2 site facility where specialist clinical research and support staff from Universities and NHS Trusts work together on patient orientated commercial and non-commercial experimental medicine studies.

## Sheffield Experimental Cancer Medicine Centre

Supporting delivery of early phase cancer studies between research partners to enable faster and more personalised patient benefit. Hosted with the Cancer Clinical Trials Centre, a CRF dedicated to oncology.

## Yorkshire and Humber Clinical Research Network

One of 15 Local Clinical Research Networks across England and hosted by Sheffield Teaching Hospitals. The network co-ordinates and supports the delivery of high-quality research taking place in the NHS and across the wider health and social care environment.

## SITraN - Sheffield Institute for Translational Neuroscience

To harness advances in neuroscience and translate these into benefits for patients with neurological disorders where we can make a difference.

## Team SY and P4SY

Accelerator programme aimed at HealthTech and MedTech companies in the region who want to expand and scale, and international companies looking for a soft landing in the UK.

## The Neurosciences Institute

The Neurosciences Institute at the University of Sheffield brings together leading experts in medicine, science and engineering to better understand the nervous system and tackle the biggest challenges in neuroscience.

## Gene Therapy Innovation and Manufacturing Centre

A new UK initiative designed to advance the clinical development of new genetic treatments through the production of clinical grade vectors, alongside translational support and regulatory advice.

## Sheffield PET-MRI facility

Provides unprecedented views of inside the human body by combining the power of both MRI and PET images in a single scan. It helps our scientists and medics to tackle some of the most devastating diseases affecting millions of people.

## InSigneo

Driving innovative research at the interface of healthcare, engineering and science to transform the future of healthcare technology.

## Advanced Manufacturing Research Centre (AMRC)

The Centre is a network of world-leading research and innovation centres working with advanced manufacturing companies around the globe. It supports the transformation of industrial and economic performance by making step changes in productivity, increasing competitiveness, developing new products and processes and training new talent and skills.

## Olympic Legacy Park

Sheffield Olympic Legacy Park is delivering a tangible legacy from the London 2012 Olympic & Paralympic Games. It is a partnership of NHS institutions focused on the four work streams of Health & Wellbeing, Investment & Regeneration, Research & Innovation, and Education & New Skills.

## Advanced Wellbeing Research Centre

The Advanced Wellbeing Research Centre undertakes world-class research in physical activity using collaborative community, academic and industry partnerships to co-design and evaluate products, interventions and services that help people move. It provides consultancy services to global businesses, dynamic SMEs and the public sector including incubation and acceleration services to take concepts through to commercialisation. It also acts as an innovation centre for health and care services - co-designing products, interventions and services that improve the social, behavioural and environmental determinants of health.



Talk to us about how we can help you bring your ideas to life.

Contact the Clinical Research & Innovation Office at [sth.researchadministration@nhs.net](mailto:sth.researchadministration@nhs.net) or visit: [www.sth.nhs.uk/research-innovation](http://www.sth.nhs.uk/research-innovation)