



CENTRE FOR  
**HEALTH**  
INNOVATION

# DISCOVER THE CENTRE FOR **HEALTH** INNOVATION

AT STAFFORDSHIRE UNIVERSITY



DELIVERING IMMERSIVE SIMULATION SPACES, TO INSPIRE  
EDUCATION, RESEARCH AND BUSINESS DEVELOPMENT.



# WELCOME TO THE CENTRE FOR HEALTH INNOVATION

The Centre for Health Innovation, Staffordshire University's Stafford campus, combines first-class facilities with research and educational excellence to support commercial partnerships, continued professional development, and civic engagement.

- ▶ Flexible facilities and services for small and medium sized enterprises
- ▶ Immersion, simulation, and collaboration spaces
- ▶ CAE Centre for Excellence
- ▶ Research partnerships
- ▶ Partnerships and networks
- ▶ Product testing environments
- ▶ Training and development
- ▶ Continued professional development
- ▶ Short courses
- ▶ Film and theatre sets
- ▶ Promotional filming spaces
- ▶ Focus groups
- ▶ Product photography

**Stoke-on-Trent & Staffordshire Enterprise Partnership**

 **Resuscitation Council UK**

**MIDLANDS ENGINE** | HM Government

  
**CAE**

Take a tour of the Centre for Health Innovation facilities:

[www.staffs.ac.uk/healthcare-innovation](http://www.staffs.ac.uk/healthcare-innovation)



## IMPACT OF WORKING WITH US

Working with the Centre for Health Innovation gives you countless opportunities to help you make the transition from idea to innovation.

Our team of academic and industry experts are committed to putting you at the forefront of our work together. Whether you're focused on the innovation of health technologies, research, advanced practitioner training or product development and testing, we can help you achieve your goals and accelerate transformation. The facilities and expertise available through the Centre of Health Innovation will give you the edge you need to take your skills, ideas, research, and enterprise to the next level.

Whatever your requirements may be, now or in the future, let the Centre for Health Innovation guide you and your business. Contact us via [CHI@staffs.ac.uk](mailto:CHI@staffs.ac.uk) to find out more and to discuss your requirements.





## ▶ HOW CAN YOU USE THE CENTRE FOR HEALTH INNOVATION?

**Opportunities through the Centre for Health Innovation are endless and are ever evolving with the sector. Working with us means you have access to all the services that we have to offer, or you can simply select the combination of services that you need.**

### WHAT WE OFFER

#### MULTIFUNCTIONAL DIGITAL AND ADAPTIVE ENVIRONMENTS

The Centre for Health Innovation uses innovative physical and digital capabilities to support the recovery and transformation of the healthcare workforce and the technology that supports it.

Through our first-class facilities you can take advantage of immersion, simulation, and collaboration spaces under one unified and easy to access umbrella. Powered by the latest digital technologies, our connected infrastructure is positioned to enhance and support the development of haptic technologies and cloud based digital innovations.

#### WORKFORCE TRANSFORMATION

With recovery at the forefront our simulation facilities provide the perfect place to support you in transforming and revitalising your existing workforce. Our continuing professional development courses (CPD) cover a wide variety of subjects and can also be tailored to suit your particular needs.

Whether you need to refresh old skills or develop new ones, our flexible portfolio has something to suit every individual practitioner or organisation. We can work alongside you to develop bespoke packages. If you do not see what you need, let us come to you and work on a recovery needs analysis, to identify the areas that you can enhance and design bespoke training that is suitable for your needs.

#### CIVIC RESPONSIBILITY AND ENGAGEMENT

We aim to share our expertise and provide opportunities across the region supporting local communities, through the creation of jobs, training opportunities and life skills that will enable our local communities to flourish.

We want to hear from local organisations across the health, science, and wellbeing sector, as well as wider communities to connect and discuss how we can enhance your communities, businesses, and projects.



*The Centre for Health Innovation will be instrumental in protecting the future of our NHS, supporting 500 healthcare professionals a year through their studies. A £2.89 million Getting Building Fund investment has helped to kickstart this project, which will see Stafford become a national hub of clinical training. Teaching advanced clinical techniques with their world beating technology will help Staffordshire University to support the needs of the NHS for years to come.*



**Luke Hall MP**

Minister for Regional Growth and Local Government

### COMMERCIAL PARTNERSHIPS AND ENTREPRENEURSHIP

Focusing on growth and enterprise of small businesses, we offer a test bed for new health, science, and wellbeing technologies.

Whether you are a start-up or an established business, we can help you to achieve your goals and accelerate your innovations in areas such as:

- ▶ Health technology
- ▶ Digital health
- ▶ Med-Tech
- ▶ Healthcare
- ▶ Simulation
- ▶ Science
- ▶ Social care

Get in touch to find out more and to discuss your requirements via  
**CHI@staffs.ac.uk**



# INTERNATIONALLY RECOGNISED RESEARCH

Research teams at the Centre for Health Innovation are recognised internationally for their work. Our interdisciplinary approach to research means that our academics work across a variety of fields. Our connections and collaborations bring value to local and global communities, and impact on lives across the world.

Our research creates impact in a variety of areas from workforce development, human factors and ergonomics, simulation and interprofessional education, clinical and operational management, and genomics. We have a strong focus on safety in health and social care working closely with providers to improve outcomes for those who use their services.

We are funded by a range of organisations including the Health Foundation, NHS Resolution, and West Midlands Clinical Research Network to name but a few, and we work with organisations across the UK and globally in the delivery of our research.

Our thriving doctoral community supports full and part time learners with distance learning opportunities available too, which facilitates students around the world to undertake their doctoral studies with us.

The University is also home to a wide range of recognised research centres. Our research centres drive research innovation, and enterprise activity in areas of strategic importance, and are the focus for cross disciplinary research and the continuing professional development of our research community.

## SOME OF OUR CURRENT RESEARCH FOCUS AREAS INCLUDE:

### ► CENTRE FOR BIOMECHANICS AND REHABILITATION TECHNOLOGIES (CBRT)

Focuses on bringing healthcare solutions and addressing issues related to diseases that remain a public health concern. The centre has an excellent track record of academic achievements, research accomplishments, and industry experience. This is evidenced through scientific publications and collaboration with industry partners and health services sectors across various countries.

### ► STAFFORDSHIRE CENTRE FOR PSYCHOLOGICAL RESEARCH (SCPR)

Established in 2016, the SCPR conducts socially relevant research which has a positive impact on psychological health. It collaborates with industry, the NHS, service users, policymakers, and global academic partnerships. It aims to improve health, quality of life and healthcare provision by solving complex biomechanical issues through highly innovative and integrated approaches.

### ► THE CENTRE FOR HEALTH AND DEVELOPMENT (CHAD)

An innovative partnership between Stoke-on-Trent City Council, Staffordshire County Council and Staffordshire University, its purpose is to undertake translational, applied research to improve the health and wellbeing of our local population and contribute to the reduction of social and health inequalities. CHAD has been endorsed by Sir Michael Marmot as being 'exactly what is needed' to tackle health inequalities and the social determinants of health.





# TYPES OF SPACES AT THE CENTRE FOR HEALTH INNOVATION?



Spaces within the Centre for Health Innovation can be transformed to deliver the exact settings and scenery you require. With both physical and sector-leading digital capabilities available for you to use, the flexible nature of our facilities mean they can be configured to suit your needs.

This guide is designed to give a flavour of the types of spaces available in the centre and how they can be used to deliver a wide variety of activities. We welcome businesses and individuals with an interest in the Centre and our spaces to get in touch with us to discuss their individual requirements.



## ► CLINICAL SIMULATIONS

Our clinical environments can be configured to be wards, emergency departments, operating theatres, clinics, GP surgeries and much more. Each area is fully equipped with industry standard equipment as well as cutting edge health technologies.

## ► IMMERSIVE SIMULATIONS

Real-life testing and development mean real-life clinical simulation – crucial to both home and business technology innovations.

## ► FLEXIBLE LEARNING SPACES

Our versatile learning spaces can be reconfigured to your own business needs, such as debriefing of simulation-based activities, small group break-out and conventional teaching space for large groups. These spaces can also form larger spaces for significant events and conferences.

## ► OUTDOOR SIMULATION

Our outdoor simulation spaces provide insights and risk-free learning, development, and stress testing for emergency equipment and medical technology. With access to facilities such as crashed vehicles, fallen trees etc. that pose life-like learning challenges, this space is crucial for emergency applied health technologies and practitioner training.

## ► DIGITALLY ENABLED SPACES

All the simulation spaces in the Centre for Health Innovation have enhanced simulation capture systems. Whether you're hosting simulation, product testing, or conferences, any activity in the Centre can be captured in real time or for delayed viewing allowing for debrief and analysis, or simply the sharing of information and practice.

## ► DEBRIEF SPACES

There are multiple audio and visually equipped debrief spaces in the Centre for Health Innovation directly linked to our simulation spaces. These give businesses the opportunity to observe, review, analyse and discuss business needs, developments, and innovations.

## ► CONTROL ROOMS

Our simulation settings are equipped with the latest audio and visual equipment, all controlled via a state-of-the-art control room, giving you the edge on performance analysis and observation from an isolated area.

## ► FILM, PHOTOGRAPHY AND THEATRE SETS

With a wide range of room sizes available our spaces offer 'blank canvases' which make ideal locations for film, photography and theatre sets. Supported by our immersion technology, spaces can be transformed to depict any real-life location and settings desired.



# CONTINUED PROFESSIONAL DEVELOPMENT

The Centre for Health Innovation is much more than just space and facilities it also offers a growing number of continued professional development opportunities. We aim to share our expertise and provide opportunities for Small and Medium Enterprises (SMEs) to get the training and research they need to push their teams and respective fields forwards.

## WHAT WE OFFER:

We offer short courses as well as individual modules covering a wide range of industry areas. All our courses are focused on life-long learning and skills development, and you will benefit from the very latest treatment simulation techniques and the expertise of our clinically experienced lecturers.

We also offer employers access to a large portfolio of flexible professional training, short courses, CPD masterclasses, and bespoke training packages, while also providing access to progression pathways to higher education through micro-credentials.



## COURSES

Our courses are taught at a variety of different levels. We have a team of expert advisors with specialist knowledge in mapping individual career development needs to professional and academic qualifications. We currently offer three levels of professional development and training.

1

### PATHWAYS TO HIGHER EDUCATION – MICRO CREDENTIALS

Micro credentials offer you the opportunity to gain specialist knowledge and skills to advance your career and gain recognition of credit towards further undergraduate/post graduate study.

2

### CONTINUING PROFESSIONAL DEVELOPMENT (CPD) COURSES

Develop and enhance your skills and knowledge within your profession or build towards your business or individual career development needs by enrolling on one of our short courses. You will receive a certificate of attendance for your participation.

3

### INDIVIDUAL MODULES

Taught at varying different levels join an individual module that could form part of a wider Degree or Masters programme. You will receive a certificate of university credits.



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## **UNIVERSITY OF THE YEAR**

Edufuturist Awards 2021

## **TOP 15 FOR TEACHING QUALITY**

StudentCrowd University Awards 2021

## **TOP 15 FOR STUDENT SATISFACTION**

Complete University Guide 2022

## **TOP 20 FOR JOB PROSPECTS**

StudentCrowd University Awards 2021

## **6<sup>TH</sup> FOR SOCIAL INCLUSION**

The Times and The Sunday Times Good  
University Guide 2021



QS stars 2021



Get in touch:

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