

# 3M BUCKLEY INNOVATION CENTRE



## **Recruitment Pack**

### **Health Innovation Technician**

**3M Buckley Innovation Centre (3M BIC)**

## Background

Opened in 2013, the 3M Buckley Innovation Centre (3M BIC) is a subsidiary of the University of Huddersfield.

The Centre's remit is to provide support to regional businesses for innovation and growth and to work closely with the University of Huddersfield to help businesses explore advances in technologies which could lead to new and improved products.

The University has ambitious plans to open a new National Health Innovation Campus (NHIC) in September 2024. One of the first buildings on campus will house a new Health and Wellbeing Innovation Centre, due to open in early 2026.

The 3M BIC will set up and operate the new centre and has secured funding to develop a strong pipeline of health innovation activity with businesses from October 2023 onwards. The 3M BIC's Technology Team will lead the development of a dedicated Health Innovation Maker Space for the new centre and currently hosts an interim health innovation space within the existing building until the new centre opens.

This is an exciting opportunity for a Health Innovation Technician to create, equip and run the new Health Maker Space; to demonstrate a range of health innovation technologies to regional businesses interested in tech adoption and to support businesses with innovation projects.

You will have the benefit of a range of additive manufacturing, testing and AV facilities, as well as access to the University's academic researchers.

## The Role

### Job Purpose:

To work closely with the several partners, including the University of Huddersfield, Health Innovation Yorkshire & Humber (formerly YH AHSN), Mid Yorkshire Teaching NHS Trust and other stakeholders to set up and develop a health innovation maker space and deliver a portfolio of technology adoption projects that will support the health and wellbeing sectors and drive innovation in healthcare.

The role will enable the creation of new or scale-up enterprises through the adoption of technology and collaborative R&D with academic researchers, helping to create a vibrant health and wellbeing cluster based around the National Health Innovation Campus.

## **Main Duties and Responsibilities:**

### **Key Responsibilities:**

1. Set up and run the Health Innovation Maker Space (HIMS) within the new Health & Wellbeing Innovation Centre, including commissioning of equipment, software, and associated consumables, commencing within the interim Health Innovation Maker Space in 3M BIC.
2. Work with entrepreneurs and business clients on the application of health innovation technologies including:
  - a. visualisation systems such as augmented (AR) and virtual reality (VR),
  - b. data analytics in the health and MedTech environments
  - c. develop and present proof of concept ideas,
  - d. electronics, software, and AI applications,
  - e. use of additive manufacturing for health applications
  - f. Use of CAD software for specific applications
3. Supervise the operational aspects of the Health Innovation Maker Space (HIMS) including access control, safe and effective use of specialist equipment by members, businesses, and affiliate staff members. Supervise the operation, routine maintenance and safe use of the technologies housed in the Health & Wellbeing Innovation Centre/Health Maker Space.
4. Work closely with business engagement colleagues, academics, and stakeholders to ensure that activities are delivered to the agreed specification in the project plan, on time and within budget. Scope out opportunities to utilise wider University facilities and expertise and signpost as appropriate.
5. Undertake training and applied practice in the equipment and technologies in use, aim to design demonstrations and workshops to share knowledge and expertise with client organisations.
6. Represent the Health and Wellbeing Innovation Centre at events and demonstrations as required, including tours to engage new prospective members and clients/businesses.
7. Organise the procurement of goods/material and resources in a timely manner and subsequently monitor budgetary requirements.
8. Work within the centre's policies including those for health & safety, data protection and IT usage; provide help and advice to colleagues, clients, and stakeholders.

*Please note that specific duties will vary from time to time: the above list is intended to indicate the general nature of the post and is not exhaustive, there is an understanding that any other reasonable duty pertinent to the grade of the post might be requested at any time [includes working occasional evenings when required].*

# The Person

The successful candidate will be able to demonstrate the following attributes:

Attributes	Essential	Desirable	Evidenced by
<b>Qualifications/ Training</b>	Degree level qualification, or equivalent qualification in related subject area, (science, mathematics, engineering, technology etc).	Bachelors or Masters level qualification (in the subject areas listed alongside). CPD qualifications supplementary to the role.	Application Letter & Interview
<b>Experience</b>	<p>Experience of a technician role.</p> <p>Experience of working with a range of participants, contractors and other stakeholders contributing to business projects.</p> <p>Ability to work within a team and colleagues from industry / academia whilst maintaining a professional approach.</p> <p>Effective communication of ideas, concepts and outcomes of projects using Microsoft applications and/or other presentation tools.</p> <p>Familiarity with health &amp; safety policies and practices and the ability to always work within them.</p> <p>Experience of providing technical support services to produce a technical and operational efficient service to businesses and or the university in line with customer expectations.</p>	<p>Experience of working in a similar role within the health innovation sector, with well-developed networks.</p> <p>Experience of delivering client-facing projects within a multi-disciplinary environment.</p> <p>Experience of working with regional or national innovation funding bodies.</p> <p>Able to organise, plan and run face to face workshops/demonstrations.</p> <p>Some experience of using 3D printing applications/AM operations</p> <p>A willingness to explore the use of a range of technologies, even unfamiliar ones, available within the 3M BIC or the University of Huddersfield and discuss with colleagues to best meet client requirements.</p>	Application Letter & Interview
<b>Knowledge</b>	<p>Knowledge of key technologies and trends within health innovation, across a range of applications.</p> <p>Investigative mindset coupled with the ability to see the bigger strategic picture for the National Health Innovation Campus as a whole.</p>	<p>Knowledge of health and medical technology applications.</p> <p>Knowledge of the efficient and effective processes compliant to industry standards (i.e. ISO 9001/ISO 13485).</p> <p>Be able to demonstrate health innovation technologies knowledgeably through workshops, events, and one-to-one consultations, and communicate these to a wider audience.</p> <p>IOSH compliance awareness.</p>	Application Letter & Interview

<p><b>Skills &amp; Attributes</b></p>	<p>Excellent planning and organisational skills with a systematic work approach.</p> <p>Work proactively with a high degree of responsibility and motivation.</p> <p>Willingness to undergo formal and in-house training on changing or emerging technologies and software to improve the offer to clients.</p> <p>A commitment to the delivery of a professional and business focused customer service across all aspects of the 3M BIC activities, actively seeking feedback to identify customer needs and taking responsibility for adapting service delivery accordingly.</p> <p>Excellent IT skills, analytical and report writing skills, with a keen eye for accuracy and detail.</p> <p>The ability to listen to, interpret, record and act upon the wishes of the client in outlining an effective project to meet the needs.</p> <p>Accurate record keeping and client file management in accordance with the Centre's policies.</p> <p>Ability to work safely and flexibly, providing support and assistance to colleagues when required.</p> <p>Evidence of good communication and interpersonal skills including a proven ability to persuade, influence and establish effective working relationships with a range of colleagues and stakeholders.</p> <p>Ability to work independently, with team members and business clients prioritising to meet deadlines.</p>	<p>Ability to demonstrate capacity for independent thinking.</p> <p>An awareness of emerging technologies and their applications to client needs and future planning</p> <p>Demonstrate a positive attitude to change and evidence of the ability to use creativity and initiative to identify new ways of doing things.</p> <p>Management and coordination of site Health and Safety policies for all lab/office and communal areas including Fire Risk assessments and incident reporting.</p>	<p>Application Letter &amp; Interview</p>
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# Terms and Conditions

<b>Hours of Work</b>
The hours of work for this position are 37.5 per week.
<b>Length of Appointment</b>
Permanent
<b>Location</b>
The role will be located initially at the 3M Buckley Innovation Centre, Firth Street, Huddersfield, on the University of Huddersfield Campus, and from beginning of 2026 move to the new Health and Wellbeing Innovation Centre at the National Health Innovation Campus at Southgate, Huddersfield.
<b>Reporting Lines</b>
The role will report to the 3M BIC Technology Manager.
<b>Salary</b>
The salary for this post is £34-38K per annum, according to skills and experience.
<b>Closing Date</b>
The closing date for applications is Tuesday 25 <sup>th</sup> June 2024.  Applicants are asked to submit a <b>CV and covering letter</b> setting out how they meet the requirements in this person specification, including details of current salary package in confidence, by email headed up <b>Health Innovation Technician Application</b> to <a href="mailto:S.Connolly@hud.ac.uk">S.Connolly@hud.ac.uk</a> .
<b>Interview Date</b>
18 July 2024
<b>Annual Leave</b>
Annual leave entitlement is 25 days plus statutory holidays throughout the year.
<b>Pension</b>
The postholder will be enrolled into the HEIC Ltd pension scheme provided by NEST.

## Useful Information

Should you wish to have an informal discussion about this post, please contact the 3M BIC Technology Manager, Janine Downs, on [j.downs2@hud.ac.uk](mailto:j.downs2@hud.ac.uk) to arrange a confidential call.

To find out more information about the 3M Buckley Innovation Centre and its parent body, the University of Huddersfield please see the links below:

<http://www.hud.ac.uk/about/>  
<https://3mbic.com>