

Research Fellow (R&D Technical Innovator)
The Digital Health & Care Innovation Centre (DHI)
Moray Rural Centre of Excellence
Fixed term until March 2024

Background and Purpose

The Digital Health & Care Innovation Centre (DHI) is a leading centre for creative collaboration that focuses on improving the delivery of healthcare in Scotland.

The DHI is one of seven Innovation Centres funded by the Scottish Funding Council, which support transformational collaboration between universities and business. A partnership between The Glasgow School of Art (GSA) and The University of Strathclyde, the DHI is uniquely placed to create networks connecting academics with designers, healthcare providers, charities and other key stakeholders.

Researchers at The Innovation School work on developing new service models, delivery pathways and digital solutions that could change the way healthcare is delivered in Scotland. The School's excellence in teaching and supporting participatory design provides the foundation for diverse projects based on real-life experiences, which use co-design methods to identify opportunities for future improvement. At the Innovation School, the DHI promotes the use of design methodologies to develop innovative concepts for the future of digital health and care.

The successful candidate will support the [DHI's Moray Rural Centre of Excellence](#), a significant programme of work with a high national profile funded by the Moray Growth Deal. Some travel will be expected as the Digital Health and Care Innovation centre has a national remit. Working arrangements will be flexed to address requirements relating to the pandemic. As part of a dynamic team of academic and industry experts, you will play a vital role in delivering world-class innovation research.

Design Innovation

The Glasgow School of Art is leading the development of a new area of Design called 'Design Innovation'. Design Innovation means both innovation *through* design and innovation *of* design, with the aim of generating sustainable social, cultural, and economic growth in Scotland. Design Innovation is a way of structuring group creativity towards valuable outcomes using design practices.

With organisations, we use this approach to support enabling & embedding innovation capacity. Design Innovation can act as a guide for industry to rethink an aspect of the business model, to define new products and services or explore new markets. This creative practice allows us to view issues from a variety of angles, considering the economic, socio-cultural and behavioural factors that play into successful innovation.

We believe that for innovation to be sustainable, it needs to evolve through direct engagement with the people for whom it is designed. We are experts in creatively directing an inclusive and iterative process, working with people to develop and prototype ideas that lead to robust solutions and valuable outcomes.

The Role

GSA is a core partner in the DHI and the R&D Technical Innovator while hosted at GSA works as part of the DHI.

Job Title	Research Fellow (R&D Technical Innovator)
Location	GSA Innovation School (DHI) - Moray (Elgin/ Forres)
Reports to	Design Director, DHI

Purpose

To make a significant contribution to the direction and development of research in the Digital Health & Care Innovation Centre and Innovation School, to help achieve a strong and sustainable research base from which to generate research knowledge and the potential for knowledge exchange. To contribute to the successful delivery of the Moray Rural Centre of Excellence programme of work for DHI including commercial simulations and Living Labs.

Key liaisons	Design Director, DHI Staff, DHI Staff, Innovation School Research & Graduate School Office NHS The Scottish Government Moray Health & Social Care Partnership Businesses, Services and Communities
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Key Accountabilities

The Research Fellow (R&D Technical Innovator) will have extensive experience and a comprehensive understanding of product development and the use of participatory design approaches, together with co-design engagement workshops and evaluation techniques to illicit and generate technical service innovation, preferably within the health and care sector.

Strategic

- Work as part of an inter-disciplinary and distributed team to deliver and sustain the research and knowledge exchange activity of the Innovation School and DHI.
- Contribute to high quality research at a national/ international level.
- Contribute to Innovation School and DHI research culture, maximising opportunities for cross-institute and inter-institutional research activity and growth by working with others to achieve high quality research outcomes.
- Support high-quality teaching in digital health.

Operational

- Take a lead role in the successful planning and delivery of the projects in the DHI's health & care innovation portfolio, employing participatory design methodologies and co-design engagement.
- Act as a co-investigator or principal investigator able to develop, attract and manage externally funded research projects, or assist in these.
- Attract, lead and manage the development and delivery of research projects, both individual and collaborative, with the potential to achieve the highest levels of quality and potential for external funding, and which bring benefit individually and to the DHI in terms of esteem.
- Generate applications for personal and/ or collaborative research in line with annually agreed targets set by the Design Director.
- Maintain external recognition and research profile at a high national/ international level.
- Able to mentor less experienced researchers including Early Career Researchers in the DHI and teach in the Masters programmes of the DHI.
- Develop research-teaching linkages for DHI postgraduate programmes.

Academic / Educational

- Design, develop, conduct and manage defined programmes of research as required by the DHI Design Director and the Innovation School.
- Assist in the organisation of conferences, symposia or projects in partnership with the other grant-holders appropriate to the effective dissemination of the project research.
- Ensure that annual progress reports and all other time-sensitive documentation is processed promptly and within deadlines.
- Ensure dissemination of research outputs in appropriate peer-reviewed journals and attend conferences as appropriate.
- Contribute to the Innovation School and the DHI's post-graduate/ staff research community through research into teaching linkages by means of seminars, lectures and other contact as appropriate.

Other

- Participate in meetings as appropriate and prepare documentation as requested.
- Attend external events appropriate to the research being conducted.
- Participate in the Career Review process and undertake relevant staff development.
- Undertake Health and Safety duties and responsibilities appropriate to the post.
- Manage data securely according to ethical procedures and data protection law.
- Implement and promote the Equal Opportunities policy.
- Undertake any duties as may be deemed appropriate by the Design Director.
- Observe ethical research procedures.
- Undertake PhD supervision training where required.

Key challenges

- To deliver high-quality outcomes for the Moray Rural Centre of Excellence programme of work for DHI through the successful delivery of commercial Simulations, Living Labs and associated research.
- To contribute to realising the DHI's Research and Knowledge Exchange Strategy.
- To contribute to the further development of a high-quality sustainable research environment.
- To contribute to maintaining and enhancing the DHI's research quality profile.
- Increase external research income and diversify the range of sources of income.
- Support an increase in the volume and quality of external funding applications.

Background experience / qualifications

- A PhD or recognised postgraduate qualification in design, technology, or humanities, with substantive experience in business contexts.
- Experience and a comprehensive understanding of product development and use of participatory design approaches, preferably within the health and care sector.
- Experience of teaching.
- Experience of business environment.

Person specification

The successful candidate will demonstrate:

- Passion for fulfilling the defined aims, objectives and requirements of the DHI.
- An ability to work individually and as part of team, to agreed objectives, and to tight deadlines.
- Personal drive, adaptability, and ability to prioritise and remain calm under pressure.
- Strong team-working and collaboration skills.
- Proven analytical, management, inter-personal and communication skills.
- Excellent design research skills appropriate to the requirements of post.
- Commitment to equal opportunities and widening participation.
- Ability to work flexible hours.
- An awareness of current and emerging technologies relevant to the health and care sector.
- An understanding of design driven methods such as Agile, SCRUM and Kanban, that can be used to define and deliver digital solutions.

Terms and Conditions

Contract: Fixed Term until March 2024

Probation Period

It is recognised that there is an inevitable “settling in” period in any post. The probationary period is therefore an opportunity for the employee to fit within the culture of the School. It should be determined during this time whether the job is in line with expectations as expressed in pre-appointment discussions and interview and as set out in the job description. Probation period for this post is 3 months.

Staff Development

A minimum of five days is guaranteed under HE2000 terms and conditions. However, the School is committed to encouraging staff development for all its employees, which is to the benefit of the individual as well as the Institution as a whole.

Activity Plan

Duties and pattern of working will be set out in an Activity Plan. The plan will include: jointly agreed objectives including milestones and outcomes and an appropriate balance of teaching, research, scholarly activity, personal development and other possible activities within the duties of an academic.

Salary: Grade 7, £38,460 – £48,676

Hours: 35 per week

Holidays: 35 days plus 11 public and statutory holidays per annum pro rata

Pension: Option to join the Scottish Teachers’ Superannuation Scheme

Notice Period: 1 month

Links to more information:

GSA; <http://www.gsa.ac.uk/>

Innovation School; <https://www.gsainnovationschool.co.uk/about/school-philosophy>;

RADAR; <https://radar.gsa.ac.uk>;

Innovation School Research Repository; <https://futurehealthandwellbeing.org>

DHI; <https://www.dhi-scotland.com/>