



UNIVERSITY of  
**BRADFORD**

## **Senior Research Fellow in Health Informatics**

**Faculty of Health Studies**

**Centre for Digital Innovations in Health &  
Social Care**



**Job Description and Person Specification**

Job Title:	Senior Research Fellow in Health Informatics
Grade:	9
Vacancy Reference:	tbc
Faculty / Directorate:	Faculty of Health Studies
Service / Department:	Centre for Digital Innovations in Health & Social Care
Location:	Main Campus/Wolfson CAHR (Bradford Royal Infirmary)
Reports to:	Professor Rebecca Randell
Responsible for:	
Special Requirements:	

## Main Purpose

- The University of Bradford is establishing a Centre for Digital Innovations in Health & Social Care and is seeking an ambitious researcher to support the development of the Centre. This multidisciplinary centre will undertake high quality co-created applied research that (i) informs the design and implementation of new technologies in national and international health and care systems; and (ii) explores the impact of such technologies on patients, service users, carers, and health and social care professionals. Using theory-driven approaches for design and evaluation, the Centre's research will offer an understanding of the contextual factors that impact the success of an innovation, informing both future technology design and its implementation. Research in the Centre will be mixed method, combining qualitative data that delivers deep insight with the quantitative data that policymakers want.
- Main Purpose of Post: This is a three-year tenure track position. In years 1 and 2, the post holder will be expected to develop their own programme of research related to the design and evaluation of technologies that have the potential to reduce the carbon footprint of the health and social care system. Alongside this, they will undertake research in collaboration with local partners. In year 3, they will have additional responsibilities related to teaching and administration. Subject to meeting defined objectives, at the end of the three years, they will be transferred to an indefinite contract as an Assistant Professor (with the option to apply for promotion to Associate Professor at the same time). You will have a PhD in a subject area relating to health informatics. You will also have experience of contributing to the design and/or evaluation of digital innovations in health or social care.

# Main Duties and Responsibilities

## Research

1. Develop your own programme of research related to the design and evaluation of technologies that have the potential to reduce the carbon footprint of the health and social care system;
2. Lead the development of external funding proposals for your own programme of research, generating grant income;
3. Contribute to the development of external funding proposals for research related to your own programme of research;
4. Contribute to the Centre's and University reputation and impact to ensure a vibrant research environment;
5. Support health and social care professionals to apply for pre-doctoral and doctoral fellowship programmes;
6. Supervise PhD students on topics related to your own programme of research, providing a stimulating and inclusive research environment;
7. Contribute to the development of other PhD students as a member of a Doctoral Thesis Advisory Panel;
8. Contribute as an independent Chair and an internal and/or external examiner;
9. Publish 3\* and/or 4\* academic outputs in the highest quality journals, including as lead author;
10. Present research findings at international conferences;
11. Build and sustain regional, national and international networks and partnerships to support the University's research and impact;
12. Contribute/lead the development of Impact Case Studies;
13. Engage with public policymakers, charities, commerce and industry to shape and inform the research landscape.
14. Lead proposals for internal funding and mentoring early-stage researchers in undertaking the research;
15. Undertake a lead role in the Centre, offering mentoring and methodological expertise.

## Teaching

16. Plan, deliver and assess innovative, engaging and challenging teaching activities which provide a distinctive and exceptional student experience;
17. Ensure teaching is research-led with subject content underpinned by relevant specialist research;
18. Lead the design and development of an inclusive, accessible and research-informed teaching curriculum and supportive learning activities;
19. Evaluate modules, and manage projects at undergraduate and postgraduate levels;
20. Contribute to the enhancement of and innovation in programmes, assessment and feedback including distance/blended learning;
21. Ensure curriculum design and/or delivery incorporates relevant student, service user and carers (as appropriate) and technology enhanced learning appropriate to the subject discipline;
22. Utilise appropriate assessment methods and approaches and provide quality, personalised and timely feedback;
23. Identify, promote, administer and grow placement activities;

24. Work collaboratively with colleagues to ensure high levels of student satisfaction and quality outcomes;
25. Undertake Faculty, School or Department leadership roles as appropriate or required.

#### Knowledge Exchange and Business & Community Engagement

26. Translate your research findings into evidence-informed CPD training;
27. Contribute to bidding for and delivering external consultancy.

#### General

28. Meet PDR objectives and maintain a personal development plan, aligned with the Vitae Researcher Development Framework, utilising the Performance Development Review Scheme;
29. Contribute to the working life of the Faculty and University and wider academic community including, graduation, open days, applicant experience days, clearing and the staff recruitment and selection process;
30. Contribute to the financial sustainability of the Faculty and wider University including identifying efficiencies, optimising resources and making savings;
31. Contribute to student recruitment (nationally and internationally) including conversion, clearing activities and induction;
32. Contribute to strategic and operational planning within the Faculty and wider University level and University ambitions including Athena SWAN and other external standards;
33. Provide coaching and mentoring for colleagues including those in their probation and transitioning to new roles;
34. Provide leadership and management for designated colleagues;
35. Demonstrate commitment to integrating and embedding equality, diversity and inclusion into core research and teaching practices to support the EDI Strategy.

These duties provide a framework for the role and should not be regarded as a definitive list. Other reasonable duties may be required consistent with the grade of the post.

# University of Bradford

## Values

It is the responsibility of every employee to uphold the University values of:

- encouraging participation and openness;
- encouraging creativity and innovation;
- supporting academic freedom and respecting the right to express diverse points of view;
- providing equal opportunities for all staff and students to achieve their full potential;
- applying the best ethical standards in everything we do.

## Information Governance

Employees have a responsibility for all records (including student, health, financial, personal and administrative) that are gathered or used as part of work undertaken with the University. The records may be paper, electronic, microfiche, audio or videotapes, or x-ray images. An employee must consult their manager if they have any doubt as to the correct management of the records with which they work.

Employees are required to uphold the confidentiality of these records held by the University, whether student records or corporate information.

Employees are responsible for the quality of data entered by themselves, or on their behalf, on the university's computerised systems or manual records (paper records) and must ensure that such data is entered accurately to appropriate data standards, in a timely manner to ensure high standards of data quality in accordance with University policies, the requirements of the General Data Protection Regulations 2018 and any other relevant legislation.

To support these requirements all employees must maintain confidentiality and abide by the General Data Protection Regulations 2018 at all times.

Additionally employees will be required, when and where appropriate to the role, to comply with the processing of requests under the Freedom of Information Act 2000.

All employees will be given the necessary training to enable them to adhere to these requirements.

## Working with Vulnerable Groups

All employees of the University who have contact with children, vulnerable adults, service users and their families must familiarise themselves, be aware of their responsibilities and adhere to the University's policy and policies and the Safeguarding Vulnerable Groups Act 2006.

Where appropriate employees will be given the necessary training to enable them to adhere to these requirements.

## **Health, Safety and Wellbeing**

Health and Safety is a partnership between employee and employer each having responsibilities, as such all employees of the University have a statutory duty of care for their own personal safety and that of others who may be affected by their acts or omissions. It is also the responsibility of all employees, that they fulfil a proactive role towards the management of risk in all of their actions. This entails the risk assessment of all situations, the taking of appropriate actions and reporting of all incidents, near misses and hazards.

All employees have a duty to report any practice that you consider compromises standards of health and safety and risk. The Code of Practice on Public Interest Disclosure (Whistleblowing) details the process and advises on the protection from unfair treatment for an individual who raises such concerns.

Employees are required to co-operate with management to enable the University to meet its own legal duties and to report any circumstances that may compromise the health, safety and welfare of those affected by the university's undertakings.

Managers should note they have a duty of care towards any staff they manage; academic staff also have a duty of care towards students. As part of this you will need to ensure you are familiar with any relevant Health and Safety policies and procedures; seeking advice from the Central University Health and Safety team as appropriate.

## **University Policies**

The University operates a range of policies (available on the University intranet and Service Now). All employees must observe and adhere to the provisions outlined in these policies.

## **Equality and Diversity**

It is the responsibility of every employee to act in ways that support equality, diversity and inclusivity and to work within the spirit and detail of the law, including the Equality Act 2010 and the Human Rights Act 1998.

The University provides a range of services and employment opportunities for a diverse population. Employees will treat all students and colleagues with dignity and respect irrespective of their background.

Employees are responsible for ensuring the University develops a culture that promotes equality and values diversity. This responsibility includes services and functions the University provides and commissions, to students, colleagues, partners in other organisations, visitors and members of the public.

## **Training**

Employees must attend any training that is identified as mandatory to their role.

# Post Specification

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Centre for Digital Innovations in Health & Social Care

	<b>Essential</b>	<b>Desirable</b>
<b>Qualifications</b>	<ul style="list-style-type: none"><li>• A PhD in a subject relating to health informatics</li></ul>	
<b>Experience, Skills and Knowledge</b>	<ul style="list-style-type: none"><li>• Experience of contributing to the design and/or evaluation of digital innovations in health or social care</li><li>• Experience of qualitative or mixed methods research</li><li>• Experience of applying for research funding</li><li>• Good time management and planning skills, with the ability to meet tight deadlines</li><li>• Excellent written and verbal communication skills, including presentation skills and the ability to communicate effectively with a wide range of stakeholders</li><li>• Experience of presenting at conferences</li></ul>	<ul style="list-style-type: none"><li>• Experience of theory-driven evaluation approaches</li><li>• Experience of contributing to the development of PhD students</li><li>• A proven ability to secure research funding</li><li>• Experience of teaching</li></ul>



	<b>Essential</b>	<b>Desirable</b>
	<ul style="list-style-type: none"> <li>• Sensitive and effective interpersonal skills</li> <li>• A proven ability to publish in peer-reviewed journals as first author</li> <li>• A proven ability to work well both individually and as part of a multidisciplinary team</li> </ul>	
<b>Job Specific Requirements</b>	<ul style="list-style-type: none"> <li>• Occasional travel</li> <li>• Occasional weekend work</li> </ul>	
<b>Personal Attributes</b>	<ul style="list-style-type: none"> <li>• Commitment to engage with and contribute to the aims and objectives of the University</li> <li>• Commitment to engagement in positive working relationships</li> <li>• Understanding of the University's commitment to Equality and Diversity</li> <li>• Committed to continuing personal/professional development</li> <li>• Takes personal responsibility for delivering programmes of work</li> </ul>	