

# Job Description

Associate Professor in Data Visualisation  
Centre for Digital Innovations in Health & Social Care

Faculty of Health Studies



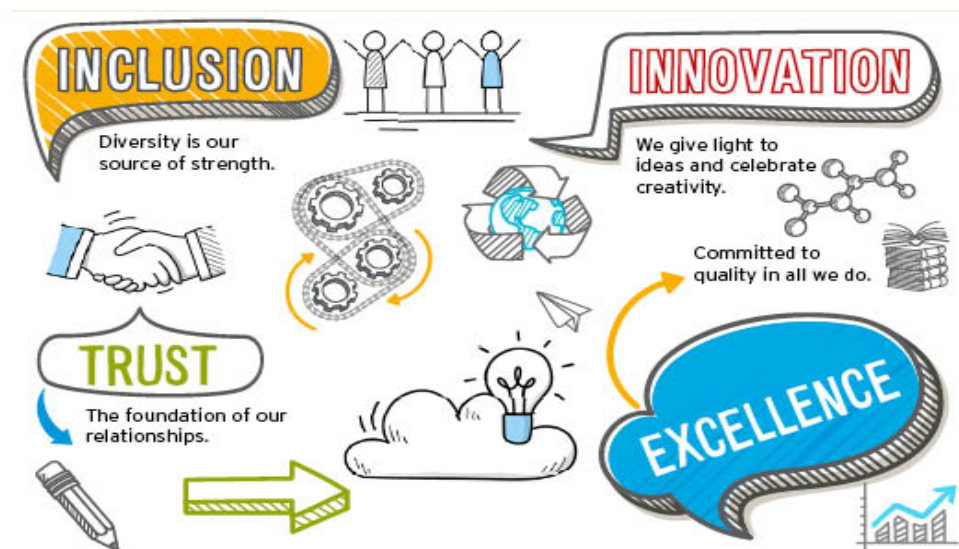
## Brief summary of the role

Role title:	Associate Professor in Data Visualisation
Grade:	10
Faculty or Directorate:	Faculty of Health Studies
Service or Department:	Centre for Digital Innovations in Health & Social Care
Location:	Hybrid – in line with University hybrid working policy (currently at least two days per week on-site) or fully office based if preferred. Locations: Main Campus and Wolfson Centre for Applied Health Research
Reports to:	Professor Rebecca Randell
Responsible for:	
Work pattern:	Full time standard hours or flexible working (e.g. compressed hours) if preferred; willing to consider job share

# About the University of Bradford

## Values

At the University of Bradford, we are guided by our core values of Excellence, Trust, Innovation, and Inclusion. These values shape our approach and our commitment to making diversity, equity, and inclusion part of everything we do – from how we build our curriculum to how we build our workforce. It is the responsibility of every employee to uphold the university values.



## Equality, Diversity, and Inclusion (EDI)

At the University of Bradford, we are guided by our core values of Excellence, Trust, Innovation, and Inclusion. These values shape our approach and our commitment to making diversity, equity, and inclusion at the heart of everything we do.

We foster a work environment that's inclusive as well as diverse, where staff can be themselves and have the support and adjustments to be successful within their role.

We are dedicated to promoting equality and inclusivity throughout the university and have established several networks where individuals can find support and safe places fostering a sense of belonging and acceptance. We are committed to several equality charters such as Athena Swan, Race Equality Charter, Disability Confident and Stonewall University Champions Programme..

## 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 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.

Managers should note they have a duty of care towards any staff they manage; academic staff also have a duty of care towards students.

All colleagues 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.

We are registered members of the University Mental Health Charter. This visibly demonstrates our commitment to achieving cultural change in student and staff mental health and wellbeing across the whole university, whilst supporting the vision of our People Strategy to create a culture and environment of transformational diversity, inclusion and social mobility, creating a place where our values come to life and are evident in our approach.

## Information governance

Employees have a responsibility for the information and records (including student, health, financial and administrative records) that are gathered or used as part of their work undertaken for the University.

An employee must consult their manager if they have any doubts about the appropriate handling of the information and records with which they work.

All employees must always adhere to data protection legislation and the University's policies and procedures in relation to information governance and information security.

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.

## Criminal record disclosures and working with vulnerable groups

Depending on the defined nature of your work and specialist area of expertise, the University may obtain a standard or enhanced disclosure through the Disclosure and Barring Service (DBS) under the Rehabilitation of Offenders Act 1974.

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

The University is committed to protect and safeguard children, young people and Vulnerable Adults.

Suitable applicants will not be refused positions because of criminal record information or other information declared, where it has no bearing on the role (for which you are applying) and no risks have been identified against the duties you would be expected to perform as part of that role.

## Role holder: essential and desirable attributes

### Qualifications

<b>Essential</b>	<ul style="list-style-type: none"><li>• A PhD or equivalent expertise in data visualisation or related discipline</li></ul>
<b>Desirable</b>	<ul style="list-style-type: none"><li>• A recognised teaching qualification</li></ul>

### Experience, skills, and knowledge

<b>Essential</b>	<ul style="list-style-type: none"><li>• Evidence of relevant research expertise in data visualisation with a record of publications in the highest quality peer reviewed academic journals</li><li>• Experience of participating in or leading as Co or Principal Investigator successful applications for external research funding</li><li>• Evidence of external visibility at national and international level e.g. significant role at conferences, serving on peer assessment panels, appointment as external examiner, professional associations</li><li>• Evidence of participating as a member of a multidisciplinary research team</li><li>• Evidence of contributing to the development of early career researchers</li><li>• Track record of effective research project supervision at undergraduate and postgraduate level, and attracting, retaining and supervising doctoral student projects to completion</li></ul>
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	<ul style="list-style-type: none"> <li>• Experience of teaching and facilitating/supporting learning in data visualisation in HE at undergraduate and/or postgraduate taught and postgraduate research level leading to successful student outcomes</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>• Sensitive and effective interpersonal skills</li> <li>• Computer literate: conversant with a range of general and specific software relevant to the role</li> </ul>
<b>Desirable</b>	<ul style="list-style-type: none"> <li>• Experience of developing data visualisations for use in healthcare</li> <li>• Familiarity with large health datasets</li> <li>• Experience of innovative curriculum design and the development and delivery of research-led teaching</li> <li>• Ability to provide leadership in the planning and development of short-courses within the field of data visualisation</li> <li>• Ability to think strategically and contribute to the discipline, Centre and Faculty's development, including the contribution of business cases to progress initiatives of strategic importance to the University</li> </ul>

#### Personal attributes

<b>Essential</b>	<ul style="list-style-type: none"> <li>• Commitment to engage with and contribute to the aims and objectives of the University</li> </ul>
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	<ul style="list-style-type: none"> <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>
<b>Desirable</b>	<ul style="list-style-type: none"> <li>•</li> </ul>



## Main purpose of the role

To contribute to the growth and development of the Centre through:

- Developing own programme of research aligned with the Centre's research programmes;
- Securing external grant funding to support own programme of research;
- Publishing world leading academic outputs in the highest quality journals;
- Contribute to the development and delivery of education and training;
- Contribute to the delivery of contract research.

## Main duties and responsibilities

*Note: The list below may vary to include other reasonable requests (as directed by university management) which do not change the general character of the job or the level of responsibility entailed*

1. Undertake multi-disciplinary, high profile research that aligns with one or both of the Centre's two flagship research programmes concerned with 1) use of technology to improve decision making and reduce documentation burden, 2) use of technology to reduce the carbon footprint of the health and social care system.
2. Contribute to the Centre's reputation and impact to ensure a vibrant research environment.
3. Disseminate and communicate research including publication of 3\* and/or 4\* outputs in the highest quality journals.
4. Provide a stimulating and inclusive research environment to support the successful graduation of doctoral students.
5. Contribute as an Independent Chair and internal and/or external examiner.
6. Generate grant and contract income to support the University's research and impact.
7. Build and sustain regional, national and international networks and partnerships to support the University's research and impact.
8. Engage with public policy-makers, charities, commerce and industry to shape and inform the research landscape.
9. Contribute to the development of Impact Case Studies.
10. Plan, deliver and assess innovative, engaging and challenging teaching activities which provide a distinctive and exceptional student experience.
11. Ensure teaching is research-led with subject content underpinned by relevant specialist research.
12. Lead the design and development of an inclusive, accessible and research-informed teaching curriculum and supportive learning activities.
13. Evaluate modules and programmes, and manage projects at undergraduate and postgraduate levels.

14. Lead the enhancement of and innovation in programmes, assessment and feedback including distance /blended learning.
15. Ensure curriculum design and/or delivery incorporates relevant student, service user and carer input (as appropriate) and technology enhanced learning appropriate to the subject discipline.
16. Utilise appropriate assessment methods and approaches and provide quality, personalised and timely feedback.
17. Work collaboratively with colleagues to ensure high levels of student satisfaction and quality outcomes.
18. Translate your research findings into evidence-informed executive education, CPD or training and development to business/community groups.
19. Contribute to bidding for and delivery external consultancy.
20. Lead or make a significant contribution to Widening Participation or public engagement activities within the Faculty, wider University or local community.
21. Keep up to date with developments in subject area, developing relevant skills and keep abreast of University and sector wide policies, procedures and regulations.
22. Meet PDR objectives and maintain a personal development plan utilising the Performance Development Review Scheme.
23. Undertake an appropriate leadership and/or management role within the Centre and/or Faculty.
24. Contribute to the working life of the Centre, Faculty and University and wider academic community including graduation, open days, applicant experience days, and the staff recruitment and selection process.
25. Contribute to the financial sustainability of the Centre by identifying efficiencies, optimising resources and making savings.
26. Contribute to student recruitment (nationally and internationally) including conversion and induction.
27. Contribute to strategic and operational planning within the Faculty and wider University level and University ambitions including Athena SWAN and other external standards.
28. Provide coaching and mentoring for colleagues including those in their probation and transitioning to new roles.
29. Demonstrate commitment to integrating and embedding equality, diversity and inclusion into core research and teaching practices to support the EDI Strategy.
30. As a university citizen supporting key student events throughout the year such as Open days, clearing, enrolment, and Graduation. (Essential for all roles)