



Candidate Information

Position:	Professor of Practice - Health Data Innovation
School/Department:	Belfast Region City Deal
Reference:	24/111749
Closing Date:	Sunday 7 April 2024
Salary:	Professor salary will be determined in accordance with the Professorial ranges as applied within the University.
Anticipated Interview Date:	Friday 26 April 2024
Duration:	The post will be appointed for 3 years in the first instance with extension dependent on the postholder realising targets set out in the business plan and generating funds to sustain the post.

JOB PURPOSE:

We want to create a data-driven clinical research delivery system that will shape the future of health care and improve peoples' lives for years to come.

This role will lead the shaping and implementation of this vision, the foundation of a Centre for Excellence in clinical health data at Queen's University Belfast, capitalising on the opportunity presented by the Belfast Region City Deal investments and legacy data archiving that will take place in coming years by HSC / Department of Health, turning real world clinical data into health care delivery. This is currently a 'start up' strategic initiative within the strategic programme to deliver the Belfast Region City Deal investment, with academic sponsorship by the Pro-Vice-Chancellor Research & Enterprise. Further resource to support this initiative is under consideration, with a business case being developed.

MAJOR DUTIES:

- The duties and responsibilities listed below are intended to describe the general nature of the role. The duties and responsibilities and the balance between the elements in the role are highly likely to change or vary over time depending on need and opportunity of the initiative.
Initial objectives for this role will be:
 - Identify and establish access to legacy data assets.
 - Develop and demonstrate capabilities for creating and deploying Quality Assured Clinical data assets that support public and private sector innovation in the clinical, pre-clinical and direct to consumer markets in a co-designed and co-created Trusted Research Environment.
 - Secure pan-stakeholder buy-in for a joint venture delivering QA clinical data assets centred at Queen's.
- Lead industry and health sector engagement:
 - Shape and lead engagement with relevant industry and health sector stakeholders to identify needs and create partnerships to drive solutions.
 - Convene relevant stakeholders to deliver innovative outcomes through collaborative approach that supports clinical and pre-clinical research and development.
 - Active networking and engagement across Life and Health Sciences ecosystem.
- Develop innovative approaches to deliver real world impact:
 - Provide entrepreneurial leadership bringing practice-informed expertise to shape transformational opportunities for Northern Ireland through securing delivery capacity in a collaborative operating model.
 - Engage in impact activities with a particular emphasis on developing and implementing solutions to address safety, effectiveness and sustainability through deploying machine learning / AI analytics and supporting data archive deployment and development for Health and Social Care NI.
 - Generate revenue to establish a sustainable delivery model.
 - Support and mentor colleagues to engage more effectively with clinicians and the healthcare environment.

4. Identify and realise opportunities for a connected approach to health data:
 - Contribute to the development of a new health data Centre for Excellence for NI, including creation of a business model for future development that connects to realisation of benefits through Belfast Region City Deal investments.
 - Lead and develop innovative approaches in response to opportunities arising from stakeholder engagement, and develop additional business opportunities and assets to benefit health and social care provision and research in NI.
 - Evaluate impact of interventions and disseminate innovation and practices, producing use cases and impact case studies.
 - Contribute to development of learning opportunities and building relevant capabilities in the workforce, including supporting industry-embedded graduate students.

ESSENTIAL CRITERIA:

1. Relevant undergraduate degree.
2. Acknowledged expert in health data and innovation.
3. A record of achievements that have influenced the development of digital health practices and relevance to the discipline which includes evidence of:
 - Operational and Vision leadership
 - Building a successful and collaborative network of decision-makers across industry, health and academia
 - Driving innovation to address societal challenges
 - Evidenced strategic alignment across multiple organisations' interests.
4. Experience as a Clinical Practitioner with evidence of turning ideas into impact.
5. Experience identifying, developing and implementing technical solutions to health data challenges that support innovation in healthcare.
6. Evidence of ability to inspire, motivate and lead across all levels, multiple functions and beyond organisational boundaries.
7. Strong relationship management skills and the ability to apply these within and outside the University.
8. Strong written and verbal communication skills, with the ability to influence a variety of audiences and stakeholders.
9. Excellent interpersonal skills and ability to forge strong collaborations.
10. Ability to generate organisational buy-in to a business case.
11. Ability to work flexibly and with agility in an environment of considerable change.
12. Commitment to working within professional and ethical codes of conduct.

DESIRABLE CRITERIA:

1. Postgraduate qualification in medicine or digital health.