Cancer Research Domain Lead/Co-Leads: Digital health and artificial intelligence (AI)

At the University of Sheffield, we are entering the next phase of our Cancer Research Strategy and have a unique opportunity to establish Sheffield as a globally recognised Centre of Excellence in cancer research. We are seeking expressions of interest from those looking for opportunities to provide and develop academic leadership in '**digital health and AI**' as it relates to cancer. You will play a significant role in establishing a Centre to act as the catalyst for groundbreaking research, as we work together towards the university's vision of delivering life-enhancing research as an ambitious, inclusive, collaborative community.

About the role: The Lead/Co-Leads will represent a domain which broadly includes:
- leveraging AI in multiple aspects of the cancer pathway, such as prevention, diagnosis, screening, drug development, treatment and care of people with cancer
- digital health, big data, advanced diagnostic technologies
- bioinformatics

The domains covered by members of the Executive do not replace the five cancer research themes, which remain central to the cancer research strategy. This domain broadly aligns with cancer research theme 2 ("Digital health, big data, advanced diagnostic technologies and rethinking the delivery of cancer care"). The role will suit those who have research experience in an area mentioned above. Although it would be an advantage, we do not expect you to be familiar with all areas of the domain. We welcome co-leadership where appropriate. **Domain Leads/Co-leads may choose to appoint a deputy and/or a sub-committee to support delivery.** We welcome expressions of interest from staff employed in any School/Faculty and encourage expressions of interest from a diverse range of backgrounds.

The Domain Lead/Co-Leads will be appointed for an initial term of 3 years (re-appointable upon application). The Lead/Co-Leads will:
- **Work with the Cancer Research Executive to establish a University Centre of Excellence:** feed in to the next phase of the strategy and oversee an implementation plan in line with wider pillars of the university's vision; join quarterly Executive meetings
- **Foster collaboration and strengthen our community:** identify and engage with all those across UoS conducting, or with an interest in conducting, research related to the domain outlined above in diverse specialities and career stages; seek opportunities for colleagues in the domain to share research of strategic importance with the wider internal community and feed into the development of the annual Cancer Research Away Day (organisational support provided)
- **Develop our capability in bioinformatics:** advocate for and find opportunities to build up the university's capability in bioinformatics as it relates to cancer
- **Grow external income:** convene groups/meetings to capitalise on our research excellence, identifying opportunities to better position ourselves to apply for funding from diverse sources (e.g. government, commercial funds), moving beyond the YCR ringfenced funds working with the Cancer Exec Lead for philanthropy, innovation and external funding; advise the Cancer Research Oversight Board on the strategic direction of YCR Pioneers ringfenced funding and participate in the internal review process
- **Improve communication:** champion our research and promote it internally and externally, including advising on the structure and content for our website (support provided); support the fulfilment of internal monitoring and reporting requirements, including an annual report (support provided)
- **Raise issues, risks and opportunities:** work with the Executive to propose solutions to the chair and members of the Cancer Research Oversight Board relating to research, innovation and/or impact
- **Attract and develop people:** support initiatives to recruit high-calibre cancer researchers to the university and support the career development of mid- and early-career cancer researchers
- **Strengthen partnerships relevant to the domain:** support the Co-Directors to develop strategic partnerships with organisations, e.g., NHS organisations, funders, HEIs etc.

The Domain Lead/Co-Leads will work closely with Co-Directors Prof Jim Catto and Prof Penny Ottewell, the Executive, and Faculty Directors of Research & Innovation. The Lead/Co-Leads will be supported in their role by Rachel Corcoran, Cancer Research Strategy Manager and Zoe Lingard, Cancer Research Growth Manager, alongside other professional services. The responsibilities may evolve over time, in discussion with role-holders.

How to express your interest: Expressions of interest are invited in the form of a letter and a short CV, to cancer_research@sheffield.ac.uk by **Friday 19 December**. You should demonstrate the support of your Head of School (HoS) (e.g., via a short email attached to the EoI). Short interviews will be held. The successful candidate will be invited to start as soon as possible. You are welcome to discuss the role informally with Penny Ottewell (p.d.ottewell@sheffield.ac.uk) or Jim Catto (j.catto@sheffield.ac.uk). The role will usually attract hours in the Work Allocation Model (WAM), subject to approval from your Head of School. The successful candidate and HoS decide how much time can reasonably be devoted to the role, given other commitments. The role does not attract an honorarium but travel & other expenses can be considered.