Job Description

NIHR Academic Clinical Fellowship

Medical Oncology – ST3 entry

(1 single speciality post)

Hull York Medical School, in partnership with NHS England North East and Yorkshire and the Hull University Teaching Hospitals NHS Trust, has developed an exciting pathway of academic clinical training opportunities.

Applications are now invited for an Academic Clinical Fellowship in **Medical Oncology** at **ST3** level. This post is funded and approved by the National Institute for Health Research in the Clinical Therapeutics theme and offers candidates a comprehensive experience of clinical academic medicine, working alongside internationally renowned clinicians and researchers.

We are seeking a highly motivated, enthusiastic individual with the potential to excel in both clinical and academic training and the ambition to be the next generation of academic clinicians.

This Academic Clinical Fellowship (ACF) programme in Oncology is run by Hull York Medical School (HYMS) in conjunction with the Hull University Teaching Hospitals NHS Trust, NHS England North East and Yorkshire, and the Humber.

Academic Clinical Fellowships (ACFs) are 3-year fixed-term national training posts. Trainees undertake 75% clinical and 25% academic training over the term of the post. They are employed by the NHS Trust and have an honorary contract with the University at whose Medical School their academic research is supported.

ACF trainees also undertake a Research Training Programme provided by the University. They are eligible for a £1,000 bursary per year to support research training activity (e.g. to attend academic conferences).

ACF trainees would also normally complete and submit an external funding application for a research fellowship to enable them to complete a higher degree (PhD or research MD) following the completion of their ACF fixed-term post, which would be completed as Out-of-Programme-Research (OOPR).

POST DETAILS

Job Title

NIHR Academic Clinical Fellow (ACF) – Oncology

Duration of the Post

Up to 3 years (25% academic, 75% clinical).

A mutually agreeable timetable will be drawn up by the candidate and the academic/clinical supervisors, designed to meet overall training goals. This will include protected research time. The exact division of time will be guided by the proposed research project and whether blocks of time or weekly research time are more appropriate. The appointee will have on-call commitments which will vary depending upon the varying shift systems and training/service requirements.

Lead NHS Hospital/Trust in which training will take place

Hull University Teaching Hospitals NHS Trust (see details of rotation below).

Research institution in which training will take place

The successful candidate will be based at the Centre of Excellence for Data Science, Artificial Intelligence and Modelling (DAIM) at the University of Hull, and with our NHS partner – Hull University Teaching Hospitals NHS Trust (Castle Hill Hospital site, based in the Queen's Centre, Castle Hill Hospital, Hull). The Fellow will be supervised by Professor Anthony Maraveyas (Professor and Consultant in Oncology, Hull York Medical School and Hull University Teaching Hospitals NHS Trust) and Dr Will Jones (Senior Lecturer, Centre of Excellence for Data Science, Artificial Intelligence and Modelling (DAIM), Faculty of Science and Engineering, University of Hull) and Dr Farzana Haque, Consultant Medical Oncologist and Honorary Senior Lecturer, Hull York Medical School and Hull University Teaching Hospitals NHS Trust.

Research Protected Time:

ACFs have protected time to attend and complete either an MSc by research or take relevant modules to extend their training (if they already have an MSc), at Hull York Medical School, if deemed appropriate. The protected research period (25% time) is used to obtain specific experience and knowledge in the research area of interest, obtain pilot data, and apply for an external research fellowship.

Academic Clinical Fellowship Training Programme: Research Component

This ACF post aligns with the NIHR Digital priority research theme and offers an opportunity to integrate cutting-edge Artificial Intelligence (AI), data science and digital technologies into clinical oncology research.

The research component will be undertaken in collaboration with the Centre of Excellence for Data Science, Artificial Intelligence and Modelling (DAIM) at the University of Hull. DAIM was established through a £4.5 million investment by the University of Hull and provides a state-of-the-art environment for AI and data science research, with access to extensive high-performance computing facilities and interdisciplinary expertise across AI, data science and modelling.

The successful ACF will receive training in relevant AI methodologies, including machine learning, deep learning and natural language processing, with a particular focus on their application to healthcare and oncology. The proposed research programme will explore the application of AI-driven analytics to clinical and digital health data, including data generated

by wearable and portable devices, with potential applications in disease prediction, earlier diagnosis, personalised care and remote patient monitoring for patients with cancer. The implementation of digital technology will be extended to areas of our current research interests, including pancreatic cancer, glioma and cancer-associated thrombosis.

The Fellow will have access to relevant postgraduate-level training and methodological development through DAIM. Where appropriate, and subject to agreement on funding and other practical arrangements, this may include formal enrolment in relevant modules or the MSc in Artificial Intelligence for Healthcare. The programme provides training in areas including Python programming, Data Science, Applied AI for Healthcare and AI for Medical Imaging, and includes a substantial research project through which an AI model could be developed and evaluated using clinical data to address an unmet clinical need.

The DAIM team will develop an individualised programme of AI and data science training. This may include one-to-one methodological training with DAIM and University of Hull experts, participation in relevant teaching sessions, lectures, and laboratory activities, and supervised practical experience applying AI methodologies to healthcare data. The precise training pathway will be determined through the Fellow's Training Needs Analysis and tailored to their prior experience, research project and longer-term academic development.

An indicative longer-term research direction is applying AI to data from wearable and portable devices to develop diagnostic and predictive models for clinically important outcomes in cancer. The precise project will be refined according to the Fellow's clinical and academic interests and emerging research opportunities.

The Fellow will benefit from access to advanced computational infrastructure, interdisciplinary expertise and collaborations between Oncology, Hull York Medical School, the University of Hull and DAIM. This environment will provide a strong foundation for developing pilot data, research outputs and the skills required to prepare a competitive application for an externally funded clinical research training fellowship leading to a PhD or equivalent higher research degree.

On appointment, the ACF will undertake a Training Needs Analysis with their academic supervisors to identify appropriate methodological and professional development training. This will inform an individualised academic training programme, drawing on formal postgraduate training where feasible and tailored training and mentorship from DAIM and the wider University where appropriate. The overall aim of the academic component is to develop the Fellow as an independent clinical academic capable of translating advances in AI and digital health into clinically meaningful research and improved cancer care.

Academic Clinical Fellowship Training Programme: Clinical Component

The post is offered at ST3 level in Clinical or Medical Oncology. The successful Academic Clinical Fellow will undertake specialist clinical training within the Yorkshire and the Humber Oncology training programme, with the clinical component structured to meet the requirements of the relevant specialty curriculum.

The principal clinical base will be the Queen's Centre for Oncology and Haematology at Castle Hill Hospital, Hull University Teaching Hospitals NHS Trust, and St James' Hospital, Leeds Teaching Hospital NHS Trust. The Fellow will gain comprehensive experience in assessing and managing patients with cancer in both inpatient and outpatient settings, across a broad range of common, intermediate and rarer malignancies.

Clinical training will include participation in regional and local multidisciplinary team (MDT) cancer meetings and experience in site-specific oncology services. The Fellow will also have

opportunities to undertake placements within cancer services across the wider Yorkshire region as part of their specialist training programme.

Clinical and academic training will be integrated throughout the ACF, with protected academic time comprising 25% of the post and clinical training comprising 75%. A mutually agreed timetable will be developed with the Fellow's clinical and academic supervisors to ensure the Fellow achieves both clinical competencies and academic objectives.

The programme will support the Fellow in progressing through specialist oncology training while developing the research skills, experience and academic portfolio required for a future clinical academic career.

Further details are available at
https://www.yorksandhumberdeanery.nhs.uk/medicine/medical_oncology/
Clinical Oncology Training in Yorkshire and the Humber | Health Education Yorkshire and Humber

CONTACTS

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Further Information

Because of the nature of the work for which you are applying, this post is exempted from the provisions of Section 4 (2) of the Rehabilitation of Offenders Act 1974 by virtue of the Rehabilitation of Offenders Act 1974 (Exceptions) Order 1975.

Applicants are therefore, not entitled to withhold information about convictions, which for other purposes are "spent" under the provisions of the Act, and in the event of employment any failure to disclose such convictions could result in dismissal or disciplinary action by the University. Any information given will be strictly confidential and will be considered only in relation to an application for positions to which the Order applies.

For further information about the Academic Clinical Fellowship programme, please refer to the NIHR (National Institute for Health Research) Trainee Coordinating Centre (NIHRTCC) page on NIHR Integrated Academic Training For Doctors and Dentists - Academic Clinical Fellowships

Person Specifications

Person Specifications 2026 | Medical Hub

How to Apply

For more information about applying to ACF vacancies in NHS England North East and Yorkshire and the Humber please visit:-

http://www.yorksandhumberdeanery.nhs.uk/recruitment/our_vacancies/academic_recruitment/

Applications will only be accepted through the Oriel online application system:-

https://www.oriel.nhs.uk

Applications open:	Thursday 1st October 2026 at 10.00 am
Applications close:	Thursday 29th October 2026 at 4.00 pm

After the application deadline no applications will be accepted. **There will be no exceptions to this deadline.** You are advised to complete and submit your application ahead of the deadline to allow for any unforeseen problems.

Interviews will be held via MS Teams on a date to be confirmed between 30th November and 9th December 2026.

Appendix 1: Further particulars – Hull York Medical School

The Hull York Medical School (HYMS) is a collaboration between the Universities of Hull and York and the NHS. HYMS operates from both University campuses and within teaching hospitals and medical practices throughout the Yorkshire and Humber region. Having

recently celebrated its 10th anniversary, HYMS is a relatively young medical school which is developing a growing reputation for its teaching and research.

HYMS has a strong reputation as an undergraduate medical school. Our innovative curriculum includes an enquiry-based approach to learning, early clinical experience, balanced teaching across all health sectors and a wide range of student selected learning opportunities. Our graduates are recognised as being very capable Foundation Doctors, many of whom have stayed locally to help develop health care services in this area.

The quality and impact of research on health and patient care at Hull York Medical School (HYMS) was recognised by the University of York's ranking as 7th in the country for Public Health, Health Services and Primary Care in the national Research Excellence Framework 2014. HYMS researchers were also part of York's top-10 rated submissions in Biology and Psychology. Across the whole of HYMS, a partnership between the Universities of Hull and York, over 85% of research was assessed as world-leading or internationally excellent.

Within the Universities, research development in HYMS has been based on a distributed model, in which academic staff may have a research base in a cognate academic department of the University of Hull and/or York, providing scientific integration, critical mass and technology platforms with which to work. For clinically orientated research, the Clinical Research Facility (the Daisy Building) at Castle Hill Hospital in Hull and an Experimental Medicine Unit at York Hospital facilitate translational research. HYMS also plays a role in establishing and facilitating research networking between NHS partners in the region through topic based regional meetings.

The area covered by the HYMS NHS partnership comprises Hull and the East Riding of Yorkshire, York and North Yorkshire, and Northern Lincolnshire, which together have a population of around 1.8 million. 17 NHS organisations make up the HYMS NHS partnership, within which there are over 600 consultants and 900 general practitioners. Encompassing both rural and urban populations, the region contains a variety of environments in which health services are delivered. There are areas of considerable deprivation, not only in urban centres, but also in patches across the rural hinterlands. Heart disease and lung cancer are severe problems in Hull. Measures of overall health in North Lincolnshire are poorer than the country as a whole. However, in most of the region, rates for infant mortality and most disease-specific death are well below national averages, the prevalence of smoking and drug use are low, and the uptake of screening is high in many areas.

East Yorkshire with its homogenous and stable population of 600,000 is an ideal centre for prospective observational and interventional clinical research: the central urban area of Kingston upon Hull has a population of 350,000. The NHS clinical facilities are well developed and virtually comprehensive across the medical and surgical disciplines; only certain transplantation and cardiac neonatal surgical procedures require distant referral. Hence there exists a wealth of clinical material available for approved educational and research purpose.