

Job Description

NIHR Academic Clinical Fellowship

Clinical Radiology ST3

(1 single speciality post)

Hull York Medical School, in partnership with Health Education England Yorkshire and Hull University Teaching Hospitals NHS Trust, has developed an exciting opportunity for clinical academic training in Clinical Radiology.

Applications are now invited for an NIHR Academic Clinical Fellowship in **Clinical Radiology** at **ST3** level. This post is funded and approved by the National Institute for Health Research 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 their clinical and academic training and who has the ambition to be the next generation of academic clinicians. This Academic Clinical Fellowship (ACF) in Clinical Radiology is run by Hull York Medical School (HYMS) in conjunction with the Yorkshire and the Humber radiology training programme with Health Education Yorkshire and 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 and other training).

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

All Academic Clinical Fellowships are run-through posts, regardless of specialty, with the exception of 'Medical Education' ACFs. A trainee entering ACF in a specialty during a Core Training period would therefore be guaranteed continued training to CCT in the eventual specialty, as long as they progress satisfactorily through both their academic and clinical training. Run-through status is withdrawn if ACFs do not complete the academic component.

POST DETAILS

Job Title

NIHR Academic Clinical Fellow (ACF) – Clinical Radiology

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

Hospitals in the Hull and East Yorkshire Radiology training rotation within the Yorkshire and the Humber radiology training programme (see below).

Research institution in which training will take place

The successful candidate will be based at the Castle Hill Hospital, Hull University Teaching Hospitals NHS Trust, Hull working with [Dr Azeem Saleem](#), Reader and Honorary Consultant in Oncology and Clinical Research Lead at Hull Molecular Imaging Centres (HuMIC), Professor Ged Avery, Professor and Consultant Radiologist, [Professor Steve Archibald](#), Director of HuMIC and Dr Najeeb Ahmed, Consultant Radiologist,

HuMIC is comprehensive > £ 10 million bench to bed-side translational imaging facilities investment by three stakeholders, Daisy Charity Appeal, University of Hull and the HUTH at Hull. HuMIC comprises of the pre-clinical [Positron Emission Tomography Research Centre \(PETRC\)](#) located the University of Hull campus, the Jack Brignall PET-CT Centre at the Castle Hill Hospital that provides > 3,500 clinical scans per annum to the NHS and the soon to be operational (October 2021), [Molecular Imaging Research Centre \(MIRC\)](#). An on-site cyclotron and Gallium generator are expected to start producing Good Manufacturing Practice (GMP) radiotracers for onsite clinical and research use in Q1-Q2 2022. Plans are also underway to install a 'state of the art' 2nd clinical PET-CT scanner (Q3-4, 2022) at HuMIC. Research themes at HuMIC span a number of clinical disciplines including oncology, cardiology and respiratory medicine and biomedical sciences such as Artificial Intelligence (see figure below).

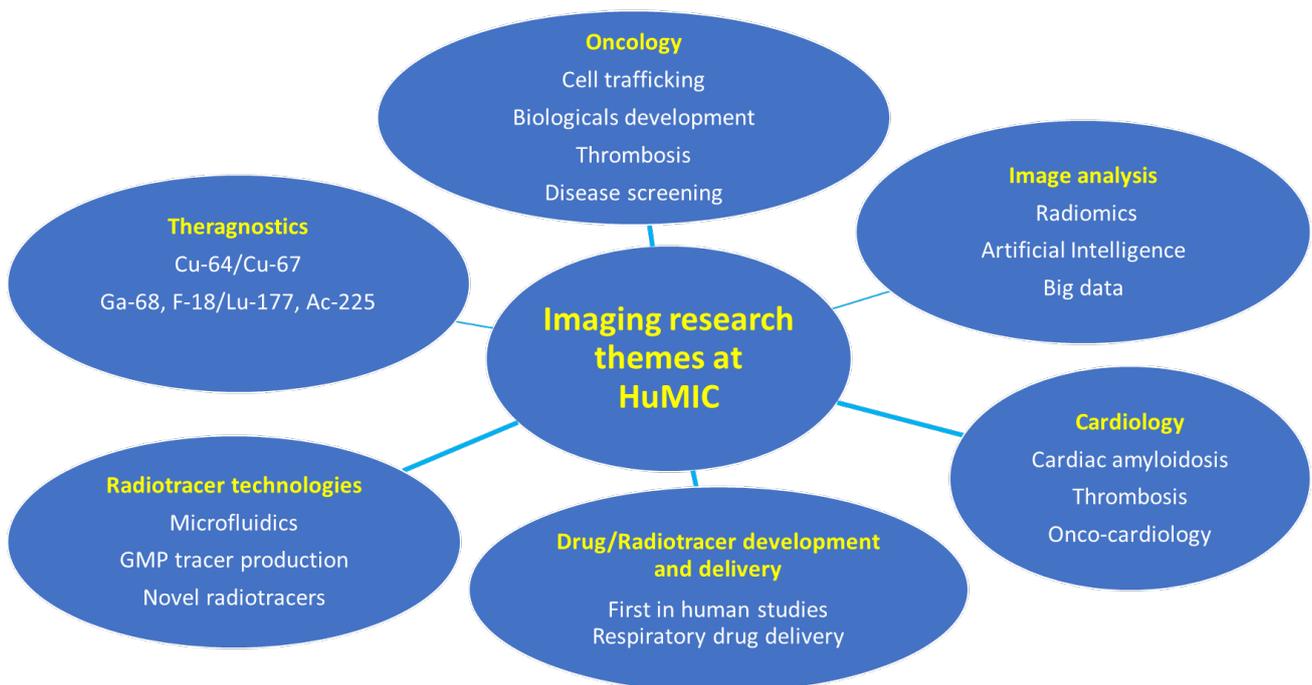
Research Protected Time:

ACFs are expected to complete either an MSc by research or relevant modules (if they already have an MSc), at the University of Hull or the University of York. 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 proposed Radiology ACF post will have a range of opportunities for novel research, including projects evaluating the use of novel radiotracers in disease entities such as cardiac amyloidosis, thrombo-embolism, vascular disease, evaluation of cell trafficking and in clinical studies of novel theragnostic agents.

The exact details of the research project will be planned in discussion with the trainee and the supervisors, to reflect the aptitude and interests of the successful applicant. Clinical research themes at HuMIC are illustrated in the figure below and the clinical fellow will have the opportunity to work on one or several of the themes in which clinical studies/projects are ongoing at that time.



The candidate will also have an opportunity to develop research skills in basic imaging research working with the PETRC. Please see <https://www.hull.ac.uk/work-with-us/research/groups/positron-emission-tomography-research-centre> for pre-clinical research at the PETRC.

This is an exciting opportunity for an ACF to benefit from the learning environment of the new HuMIC. The research group at the HuMIC is multi-disciplinary and includes clinicians, radiologists, radiochemists, physicists, basic scientists, computer scientists. There is good interaction with clinical staff in a variety of disciplines such as oncology, respiratory medicine, cardiology, metabolic medicine, gastro-enterology, biological sciences, statistics and computer science across the Trust and the University and a number of inter-disciplinary projects are being pursued. Regular seminars and scientific meetings take place on site. Researchers work closely with the Hull Trials Unit who provide support in developing and implementing clinical research. There is also an opportunity for the ACF to attend a wider range of research seminars and training at the University.

Full training in research methods, translational imaging methodology and good clinical practice will be provided and there will be an opportunity to feed into and develop pilot clinical studies during the course of the clinical fellowship. Opportunities will also be available to interact with industrial partners collaborating with HuMIC on research projects being conducted at the unit. The academic supervisor will be Dr Azeem Saleem. If the ACF registers for a MSc by research, they will also have a Thesis Advisory Panel (TAP), which usually comprises the academic supervisor and two other members of academic staff, one of whom acts as the Chair and is independent from the supervisor. The TAP provides academic support and external review of progress for the student. On appointment, in conjunction with their supervisor, the ACF will complete a Training Needs Analysis (TNA) and be able to access modules from the HYMS Post Graduate Training Selection list both to help with their research project and with their professional development as a researcher.

We anticipate the successful exit point for ACF trainees will be the award of an externally funded clinical research training fellowship to pursue a PhD or MD; prior to re-joining the academic career path as a Clinical Lecturer.

Please contact Azeem Saleem (azeem.saleem@hyms.ac.uk), Ged Avery (ged.avery1@nhs.net), Steve Archibald (s.j.archibald@hull.ac.uk) or Najeeb Ahmed (najeeb.ahmed@nhs.net) to discuss this post informally.

Academic Clinical Fellowship Training Programme: Clinical Component

ST3/4 entrants will join the Yorkshire and the Humber radiology training rotation (Hull and East Yorkshire scheme). The Hull and East Yorkshire Radiology training scheme supports around 25 trainees across all levels of radiological training. Introductory and core training is based at Hull Royal Infirmary and Castle Hill Hospital with opportunities to practice in York available in the later years. The consistency in training location enables trainees and trainers to develop strong working relationships and a culture of apprenticeship-style training is very much encouraged.

Further details of the Yorkshire and the Humber Clinical Radiology training are available at <https://www.yorksandhumberdeanery.nhs.uk/radiology/programme/hull>

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

Please note: All applicants who do not already hold a National Training Number (NTN) or Deanery Reference Number (DRN) in the GMC specialty to which they are applying for will be required to undertake the national clinical recruitment process and attend an assessment/interview for that GMC specialty as appropriate.

Please Note: Only trainees who hold a National Training Number (NTN) in the GMC specialty to which they are applying for (Clinical Radiology) will be eligible to apply as there are no national recruitment processes at this level for applicants to be clinical benchmarked.

Please note - (applicants applying for Surgical, Medical or Psychiatry specialties at ST3 or above may be required to consult the relevant Core Training person specification).

See <http://specialtytraining.hee.nhs.uk/Recruitment/Person-specifications>

AND the Academic eligibility criteria listed at:

<http://specialtytraining.hee.nhs.uk/Recruitment/Person-specifications>

How to Apply

For more information about applying to ACF vacancies in Health Education England 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: Friday 1st October at 10am

Applications close: Wednesday 3rd November at 4pm

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 29th November 2021 and 14th January 2022.

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. 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 on health and patient care of research carried out in the 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. In relation to clinically orientated research there is a Clinical Research Facility (the Daisy Building) in Hull at Castle Hill Hospital and an Experimental Medicine Unit at York Hospital, to 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.