

Job Description

NIHR Academic Clinical Fellowship

Respiratory Medicine ST1 or ST3

(Theme: Therapeutics or Clinical Pharmacology)

(1 single speciality post)

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

Applications are now invited for an NIHR Academic Clinical Fellowship in **Respiratory Medicine** at **ST1** or **ST3** level, in the theme of Therapeutics or Clinical Pharmacology. 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 Respiratory Medicine is run by Hull York Medical School (HYMS) in conjunction with the Internal Medical Training (North and East Yorkshire) Programme and the East Yorkshire Respiratory Medicine Training Programme and Health Education England 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 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) – Respiratory Medicine

(Theme: Therapeutics or Clinical Pharmacology)

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 Internal Medical Training (North and East Yorkshire) Programme and the East Yorkshire Respiratory Medicine Training Programme (see below).

Research institution in which training will take place

The successful candidate will be based at Castle Hill Hospital in Hull, working with Professor Alyn Morice, Dr Michael Crooks, and Dr Simon Hart. See

https://www_you_are_you.hyms.ac.uk/research/research-centres-and-groups/respiratory-research-group

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 ACF post-holder will undertake research in the NIHR Priority theme of **Therapeutics or Clinical Pharmacology**. The ACF will have the opportunity to work on novel interventions. Recent pioneering drug development for chronic cough has led to new agents that treat cough by blocking purinergic-signalling in airway nerves mediated by P2X3 receptors. In addition to cough, neural mechanisms in the airways mediate other important manifestations of chronic respiratory diseases including breathlessness, wheeze, and airway hyper-reactivity, which cause distressing symptoms and acute exacerbations. The ACF will conduct a clinical research project studying new P2X3 blocking drugs to explore their potential benefit for breathlessness, using validated methods established in our group. There will be the opportunity to undertake basic pharmacological research using our established in vitro cell

receptor models (P2X3 and TRPV1), in collaboration with Hull York Medical School biomedical sciences colleagues.

The 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. More details of this research and the other research opportunities available are available at:

<https://www.hyms.ac.uk/research/research-centres-and-groups/respiratory-research-group>

and

<https://www.hey.nhs.uk/research/hey-research-teams/respiratory-clinical-trials-unit/>

The appointee will join a team of academics and supporting professionals working in Respiratory Medicine including Prof Alyn Morice, Professor of Respiratory Medicine and Head of Department (and Fellow of the British Pharmacological Society); Dr Simon Hart, Reader; Dr Michael Crooks, Clinical Senior Lecturer; and a range of NHS consultants, other researchers, PhD students, trainees, and respiratory nurse specialists.

The Respiratory Research Group, based at Hull University Teaching Hospitals NHS Trust and Hull York Medical School, has an internationally-recognised track record in airway pharmacology research, basic science and clinical trials, and will provide comprehensive training for an ACF, including in basic science techniques. The trainee will work with the research team in the Respiratory Clinical Trials Unit which conducts major studies funded by NIHR, and by Pharma (AstraZeneca, Chesi Farmaceuticic, Boehringer Ingelheim Ltd). Research is supported by tenured support and technical staff. Basic research facilities include a well-equipped molecular pharmacology laboratory with basic scientists working on respiratory disease, existing ACFs, PhD Clinical Fellows, and support staff.

This post will provide exposure to both clinical and translational research and will be of interest to those considering a career in a broad range of medical specialities (including those such as radiology or anaesthetics where a foundation in respiratory medicine may be invaluable) but would also be useful to those interested in health services research, pharmaceutical aspects of ill health, and basic laboratory research in any specialty.

Full training in research methods and good clinical practice will be provided. The academic supervisor will be Dr Michael Crooks. 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 Prof Morice or Dr Crooks to discuss this post informally (a.h.morice@hull.ac.uk or michael.crooks@nhs.net)

Academic Clinical Fellowship Training Programme: Clinical Component

ST1 entrants will undertake their core medical (internal medicine) training in Yorkshire and the Humber (North and East rotation). This is an excellent training area, with a fantastic mix of world leading hospitals, a forward-thinking training programme, with years of experience of incorporating simulation, and a well-developed trainee engagement programme. Significant investment in PACES preparation has led to continuous year-on-year improvement in MRCP(UK) pass rates. Further details of the training programme are available at

https://heeyh-deanery-live.azurewebsites.net/medicine/core_medical_training

ST3/4 entrants will join the East Yorkshire Respiratory Medicine Training Programme at ST3/4 level. The rotation includes attachments in Hull (teaching hospital) and one or more of York, Scarborough, Scunthorpe, Grimsby, or Pinderfields (DGHs).

Further details of the Respiratory Medicine training are available at https://yorksandhumberdeanery.nhs.uk/medicine/respiratory_medicine/

CONTACTS

Academic Supervisor: Professor Alyn Morice, Professor of Respiratory Medicine

A.H.Morice@hull.ac.uk

Clinical Training Programme Directors

Dr Colin Jones
TPD Internal Medicine (East)
Colin.H.Jones@york.nhs.uk

Dr Anoop Prakash
TPD Respiratory (East Yorkshire)
anoop.prakash1@nhs.net

Academic Training Programme Director

Professor Fliss Murtagh
Academic Training Programme Director
Allam Medical Building, University of Hull
Cottingham Rd, Hull HU6 7RX
fliss.murtagh@hyms.ac.uk

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: ST3-level applicants - Only trainees who hold a Deanery Reference Number in the penultimate year of Internal Medical Training (CT2) or ACCS acute medicine (CT3) are eligible to apply. Trainees who have either: completed Core Medical Training, IMT training or ACCS-AM, are in the final year of IMT or ACCS-AM, or have alternative experience outside of UK training, are not eligible to apply.

Trainees currently in the penultimate year of their core programme who are successful in gaining an ST3-level ACF programme will start their first year by completing IMY3. Assuming internal medicine stage 1 is completed successfully, they will then run-through into their higher specialty at ST4-level. There is no requirement for trainees in this category to clinically benchmark as they will be carrying on with completing their IMT programme

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.

