

## Job Description

### NIHR Academic Clinical Fellowship

### Trauma and Orthopaedic Surgery ST1 entry

(1 post)

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Hull York Medical School, in partnership with Health Education England 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 **Orthopaedics** at **ST1** level. This post is locally funded but has National Institute for Health Research recognition, and offer candidates a comprehensive experience of clinical academic medicine working alongside internationally renowned clinicians and researchers.

**Please note: Applicants for this post will be required to have already successfully achieved clinical benchmarking at the national clinical interviews or already hold an NTN/DRN in the specialty being applied to.**

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 among the next generation of academic clinicians.

This Academic Clinical Fellowship (ACF) programme in Orthopaedics will be run by Hull York Medical School (HYMS) in conjunction with South Tees Hospitals NHS Foundation Trust, and the Health Education England Yorkshire and the Humber Trauma & Orthopaedic Surgery Specialty Training programme.

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 undertake training and 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).

All Academic Clinical Fellowships are run-through posts, regardless of specialty, with the exception of 'Medical Education' ACFs. A trainee entering ACF at ST1 or ST2 in a specialty with 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

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## Job Title

NIHR Academic Clinical Fellow (ACF) – Trauma and Orthopaedic Surgery

## Duration of the Post

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

## Lead NHS Hospital/Trust in which training will take place

South Tees Hospitals NHS Trust, and the Health Education England Yorkshire and the Humber Trauma & Orthopaedic Surgery Specialty Training programme (see details below).

## Research institution in which training will take place

The successful candidate will be based at the University of York. They will be supervised by Prof Amar Rangan, Professor of Orthopaedic Surgery; Mary Kinross Trust and Royal College of Surgeons Chair, at Hull York Medical School (University of York).

See <https://www.york.ac.uk/healthsciences/our-staff/amar-rangan/>

## 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

The research component of the post will be based at University of York. The York Trials Unit is a Royal College of Surgeons (RCS) Surgical Trials Centre (STC). Prof Amar Rangan holds the Mary Kinross Trust & RCS Chair at the Hull York Medical School (University of York) linked with the STC. A large network of collaborating NHS Centres and Consultants contribute to the research activity at the STC.

The successful applicant will develop a project under the supervision of Professor Amar Rangan. This will involve writing the study protocol and gaining ethics and NHS governance approvals; the applicant will then undertake the project and complete the project with publication(s). The bulk of the 25% research time is loaded into year two. This is to give continuity and meaningful time for immersion in the research. The first year will be used to plan and prepare and the third year will allow for writing up the work for publication and for a PhD Fellowship bid to be submitted/outcome awaited.

The research project will relate to Trauma & Orthopaedic Surgery (T&O) and will reflect the interests of the successful ACF. Potential projects include (1) systematic review of a suitable T&O topic to define a research priority and inform a Doctoral grant application (2)

research based on data collected from completed and ongoing T&O clinical trials at the STC (3) a feasibility study to aid a planned multi-centre clinical trial (4) qualitative work to explore patient experience (5) stakeholder surveys to inform the design of a clinical trial. Areas of expertise in the research team include fragility fractures, major trauma, arthritis, peri-operative care, inflammatory and degenerative conditions of the musculoskeletal system. The successful candidate would be encouraged to undertake a project within the particular area of T&O in which they are most interested and, with appropriate guidance, be expected to develop their research project during the first year of appointment.

On appointment, in conjunction with their supervisor, the ACF will complete a Training Needs Analysis (TNA) and will access modules from the HYMS Post Graduate Training programme, both to help with their research project and with their professional development as a researcher. Full training in research methods and good clinical practice will be provided. The ACF will have an academic supervisor throughout. If - as expected - the ACF registers for a MSc by research\*, they will also have a Thesis Advisory Panel (TAP), which usually comprises the 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.

We anticipate the successful exit point for the ACF 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.

\* <https://www.york.ac.uk/study/postgraduate-taught/courses/msc-health-research/>

## **Academic Clinical Fellowship Training Programme: Clinical Component**

The clinical component of the ACF will be based at South Tees Hospitals NHS Trust. The Fellow will enter run through training in posts on the established Health Education England Yorkshire and the Humber (HEEYH) Trauma & Orthopaedic Surgery (T&O) Specialty Training programme. The clinical and research allocation are proposed as follows, although may be adapted according to trainee needs and rotational requirements:

- Year 1: generic clinical posts for 9 months covering specialties relevant to orthopaedic trauma and orthopaedic surgery, and 3 months research
- Year 2: orthopaedic posts to complement year one, and 6 months full time research
- Year 3: orthopaedic subspecialty posts\* to complement years one and two

\*orthopaedic subspecialty posts cover hip, knee, foot & ankle, spine, shoulder & elbow, hand and paediatric orthopaedics

Other than trauma, the choice of sub-speciality training will depend upon the interests as well as the trainee's requirements for the T&O exit examination, and Completion of training (CCT).

The clinical training will be assessed annually, through the ARCP process and the same competencies and annual training requirements (as laid out by the Joint Committee on Surgical Training JCST - such as operative numbers, work-based assessments, CPD, audit, teaching and research) will need to be met in order to continue the clinical training, as per HEE processes. The curriculum of training is outlined on the Intercollegiate Surgical Curriculum Project (ISCP) website and all trainees are expected to enrol with this portfolio provider. All trainees will have an Assigned Educational Supervisor provided and all jobs are working towards the aspirations of the SMART guidance from the JCST. The ISCP curriculum guides the trainee through what is expected from them at all levels of training. The academic programme will provide training in generic research skills (statistical analysis,

methodology, literature searches etc) and will expect candidates to present their work to the department for feedback.

<http://www.iscp.ac.uk>

<http://www.jcst.org>

[https://www.yorksandhumberdeanery.nhs.uk/surgery/core\\_surgical\\_training/](https://www.yorksandhumberdeanery.nhs.uk/surgery/core_surgical_training/)

[https://www.yorksandhumberdeanery.nhs.uk/surgery/trauma\\_orthopaedics](https://www.yorksandhumberdeanery.nhs.uk/surgery/trauma_orthopaedics)

## CONTACTS

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### Academic Lead and Supervisor

Professor Amar Rangan, Professor of Orthopaedic Surgery; Mary Kinross Trust and Royal College of Surgeons Chair, at University of York. [amar.rangan@york.ac.uk](mailto:amar.rangan@york.ac.uk)

### Clinical Training Programme Directors

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## Further Information

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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: Applicants for this post will be required to have already successfully achieved clinical benchmarking at the national clinical interviews or already hold an NTN/DRN in the specialty being applied to.**

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

AND the Academic eligibility criteria listed at:

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

*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).*

## How to Apply

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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/](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: Monday 26th April 2021

Applications close: Monday 24th May 2021 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 on MS Teams on the afternoon of Friday 25<sup>th</sup> June 2021.

## **Appendix 1: Further particulars – Hull York Medical School**

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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, and has recent substantive expansion in numbers as part of the national plans to increase training of doctors.

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.