

## Job Description

### NIHR Academic Clinical Fellowship

**One post is available for a candidate wishing to apply for an Academic Clinical Fellowship at ST3 level within Intensive Care Medicine (ICM)**

### ST3 (1 post) NIHR

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

Applications are now invited for an Academic Clinical Fellowship at ST3 level for ICM. This new post has been created as part of the NHS England (NHSE)/National Institution for Health Research Trainee programme of Integrated Academic Training and offers candidates a comprehensive experience of clinical academic medicine working alongside internationally renowned clinicians and researchers.

We are seeking highly motivated, enthusiastic individuals with the potential to excel in both their clinical and academic training and who have the ambition to be part of the next generation of academic clinicians.

This Academic Clinical Fellowship (ACF) programme will be run by the University of Sheffield, the Sheffield Teaching Hospitals NHS Trust and NHS England North East and Yorkshire.

Academic Clinical Fellowships (ACFs) are 3 year fixed-term national training posts. They attract an NTN(A) and trainees undertake 75% clinical and 25% educational research 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.

The trainees undertake a Research Training Programme provided by the University for which funding is provided by NIHR. They also 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) in Medical Education following the completion of their ACF fixed-term post, which would be completed as Out-of-Programme-Research (OOPR).

## POST DETAILS

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### Job Title

NIHR Academic Clinical Fellow (ACF)

### Duration of the Post

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

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

Sheffield Teaching Hospitals NHS Trust.

### Research institution in which training will take place

#### The School of Medicine and Population Health

One of the three Schools in the Faculty of Health at The University of Sheffield, The School of Medicine and Population Health has hosted Academic Clinical Fellowships in over 35 specialties. In previous years all those appointed as Academic Clinical Fellows have gone on to undertake doctoral training to successful completion.

The school has a track record of NIHR support for ACFs and ACLs with good career progression in interdisciplinary health service research teams. Furthermore, there is rich experience of innovative interdisciplinary training in NIHR priority themes such as in Older Adults with Complex Care and Dementia for ACFs; and ACLs in Oncology, GP and Surgery. The faculty boasts a number of flagship institutes such as Neuroscience and Healthy lifespan and you will benefit from the multidisciplinary research teams who are working on projects of international importance such as improving understanding of developmental neurological disorders, the global epidemic of multi-morbidity and frailty with a mission to prevent or delay multi-morbidity.

The clinical academic training programme at Sheffield has recently introduced an ACF pump-priming scheme. Trainees can apply for up to £2000 to fund work directly related to research aimed at a fellowship application.

### Clinical Education Research

Clinical academic training is provided at all levels of medical career progression at Sheffield:

- Medical student SSC modules alongside established projects
- One-year intercalated BMedSci degrees
- 4-month foundation year 2 attachments
- Three-year academic clinical fellow posts
- Full-time MD/PhD research fellowships
- Four-year clinical lecturer posts

### Research Protected Time:

The post will be split so that 9 months (25%) are spent undertaking research-related activities and 27 months (75%) in clinical activities.

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

The research component will be based in the Division of Clinical Medicine, where the fellow will be supervised by one of the Professors in Medical Education with support from a team of experienced medical educationalists. The trainee will have access to methodological expertise in all aspects of academic programme development, assessment and educational research skills. Educationalists at the Division of Clinical Medicine are involved in a range of national and international collaborations to innovate education and programme delivery. There is expertise in simulation-based training and digital education. The fellow will have the opportunity to work within an existing medical education project or develop their own area of research interest. Example research opportunities include projects in simulation such as designing a simulation programme, investigating psychological safety in simulated learning environments, or non-technical skills in simulation education.

Intensive Care Medicine trainees may be interested in applying technology-assisted learning to improve the consistency of intensive care unit (ICU) multidisciplinary teams' practice through digital education. For example, enhancing education and training in respiratory support and ventilation in the critically ill enhancing safety and optimising the modes and techniques applied.

The research element can be completed flexibly and agreed upon with your speciality lead. A number of options are possible such as a concentrated block of 9 months full time in the second year, or dividing this over three years, or a day release per week. You will have the opportunity to undertake the PGCert in Medical Education or selected modules from it as it fits in with your aspirations. This will provide grounding in programme development, assessment design and educational principles.

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

Trainees will work in both district general hospitals and teaching hospital environments.

This is a 3-year program commencing at ST3 (25% research time and 75% clinical) rotating around the appropriate specialties and ICM units in S Yorkshire to gain the capabilities for stage 1 and moving onto stage 2 training, whilst working towards the FFICM. There are opportunities for simulation at the Mexborough Montague Simulation Centre and the ICM simulator facilities at the NGH Intensive Care Unit in Sheffield. On-call will be adapted to meet the needs of the ACF program and research time requirements and to take into account clinical shift patterns and training needs.

The ACF will take part in the normal postgraduate education, audit and teaching. The unit has a history of research in respiratory, and ventilatory support and safety as well as experience in education and simulation. This will be linked and in partnership with the Academic Department of Medical Education at Sheffield University.

**JOB TITLE: NIHR Academic Clinical Fellowship in Clinical Education Research**

**BRIEF OUTLINE:**

The clinical programme is designed to provide training starting at ST3 level for Intensive Care Medicine for a period of 3 years. Further details of the Specialist Registrar rotation for South Yorkshire are provided in the attached document.

**Objectives of the Training Programme:**

1. To undertake Intensive Care Medicine training commencing at ST3
2. To undertake a generic programme in Clinical Education Research.
3. To identify an area of academic and clinical interest upon which to base an application for an externally-funded PhD programme.

**Successful candidates:**

The exit from this post will typically be to an externally-funded research fellowship, leading to the award of a PhD and subsequently application either for a Clinical Lecturer post or a Clinician Scientist Fellowship.

**Unsuccessful candidates:**

If the post-holder does not achieve the expected clinical competencies, this will be handled in the same way as for all other trainees in speciality medicine.

If the post-holder fails to achieve academic competencies or is unsuccessful in obtaining research funding, they would be anticipated to return to a clinical training post. This will be discussed in good time with the Training Programme Director (TPD) through the system for appraisal and mentoring of academic trainees. Whilst no guarantee of an appropriate post is possible, every effort will be made to accommodate such individuals within the local training schemes.

**CONTACTS**

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**Academic Leads and Supervisors:**

Prof Gary Mills Honorary Professor of Critical Care and Peri-Operative Medicine (Consultant in Intensive Care Medicine)

[g.h.mills@sheffield.ac.uk](mailto:g.h.mills@sheffield.ac.uk)

Dr Matt Needham (Consultant in Intensive Care Medicine) [matthew.needham2@nhs.net](mailto:matthew.needham2@nhs.net)

Dr Sarah Irving Regional Advisor for ICM training (Consultant in Intensive Care Medicine)  
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### **Training Programme Director (clinical):**

Dr Kris Bauchmuller Training Program Director for ICM (Consultant in Intensive Care Medicine)  
kris.bauchmuller@nhs.net

### **Academic Training Programme Director**

Professor D O Anumba [d.o.c.anumba@sheffield.ac.uk](mailto:d.o.c.anumba@sheffield.ac.uk)

NHS England North East and Yorkshire [academic.yh@hee.nhs.uk](mailto:academic.yh@hee.nhs.uk)

### **Further Information**

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The clinical component of the post will include rotations to complete stage 1 ICM training and then make progress with stage 2 ICM training. Details will vary depending on the route of entry into the training programme at ST3, see below. For completion of stage 1 training, it is required that a total of at least 12 months each in ICM, Anaesthesia and Acute Internal Medicine have been completed. Hence, it will not be possible to complete stage 2 within the 3 years of the ACF. Typically, ICM training entails the following from ST3:

#### **Core Anaesthesia (CAT) background:**

- 6 additional months ICM, 12 months Internal Medicine (to complete stage 1)
- 12 months across the three specialist areas (paediatric ICM, neurosurgical and neurological ICM, cardiothoracic ICM), 12 months special skills intensive care year

#### **Internal Medicine (IMT) background:**

- 9-12 additional months ICM, 12 months Anaesthesia (to complete stage 1)
- 12 months across the three specialist areas (paediatric ICM, neurosurgical and neurological ICM, cardiothoracic ICM), 12 months special skills intensive care year

#### **ACCS Emergency Medicine:**

- 6 months ICM, 6 months Anaesthesia (to complete stage 1)
- 12 months across the three specialist areas (paediatric ICM, neurosurgical and neurological ICM, cardiothoracic ICM), 12 months special skills intensive care year

#### **ACCS Anaesthesia:**

- 6 months ICM (to complete stage 1)
- 12 months across the three specialist areas (paediatric ICM, neurosurgical and neurological ICM, cardiothoracic ICM), 12 months special skills intensive care year

#### **ACCS Acute Internal Medicine:**

- 6 months ICM, 6 months Anaesthesia (to complete stage 1)
- 12 months across the three specialist areas (paediatric ICM, neurosurgical and neurological ICM, cardiothoracic ICM), 12 months special skills intensive care year

The post-holder should work towards the FFICM exam during the 3 years in order to give the best chance of making smooth progress through clinical as well as academic training.

Further information:

[Academic Recruitment | Health Education Yorkshire and Humber \(yorksandhumberdeanery.nhs.uk\)](https://www.yorksandhumberdeanery.nhs.uk/academic-recruitment)

National recruitment link to ICM that details the entry criteria including prior training route and exam requirements at ST3 entry. [Intensive Care Medicine ST3 2024 | Medical Hub \(hee.nhs.uk\)](https://www.hee.nhs.uk/medical-hub/intensive-care-medicine-st3-2024).

<https://medical.hee.nhs.uk/binaries/content/documents/medical/components/national/downloads-card/medical-specialty-training/person-specifications-2024/intensive-care-medicine-st3-2024/intensive-care-medicine-st3-2024/hee%3AfileLinks/hee%3Afile?forceDownload=true>

For more information on Sheffield see <https://www.sheffield.ac.uk/medicine-dentistry-health/study/clinical-academic-training>

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) at <https://www.nihr.ac.uk/explore-nihr/academy-programmes/integrated-academic-training.htm>

## **Person Specifications**

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Applicants for this post will be required to meet the relevant Clinical eligibility criteria for the appropriate specialty and level listed at:-

*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):-*

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

AND the Academic eligibility criteria listed at:

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