Job Description
NIHR Academic Clinical Fellowship
Cardiology ST1 (1 post) Digital Theme

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 in Cardiology at ST1. This new post has been created as part of the NHS England (NHSE)/National Institute for Health Research (NIHR) programme of Integrated Academic Training. It 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 the next generation of academic clinicians.

This Academic Clinical Fellowship (ACF) programme in Cardiology will be run by the University of Sheffield, the Sheffield Teaching Hospitals NHS Trust and Health Education England Yorkshire and the Humber.

Academic Clinical Fellowships (ACFs) are 3-year fixed-term national training posts. They attract an NTN(A) and 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 for which funding is provided by NIHR. They are also 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).

All Academic Clinical Fellowships are run-through posts, regardless of specialty, with the exception of 'Medical Education' ACFs. A trainee entering ACF at ST1 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 Run-through status is withdrawn if ACFs do not complete the academic component.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

Job Title
NIHR Academic Clinical Fellow – Cardiology (Digital Theme)

Duration of the Post
Up to 3 years (25% academic, 75% clinical).

Research institution in which training will take place
Sheffield Teaching Hospitals NHS Trust.

School of Medicine and Population Health (Cardiology)

The Academic Clinical Fellow will join a team of clinicians and scientists who share research interests including atherosclerosis, vascular biology, pulmonary vascular disease and heart failure, undertaking world-leading basic, translational and clinical research.

Professor Storey leads a team delivering experimental medicine clinical studies in cardiovascular disease. Professor Rothman leads a team delivering translational and clinical studies in pulmonary vascular disease and heart failure. Professor Gunn leads a team developing methods for modelling coronary flow and cardiac function. Professor Chico leads the South Yorkshire Digital Health Hub. Several NHS consultants undertake research in a range of sub-specialties.

Research is based at the Northern General and Royal Hallamshire Hospitals in Sheffield, supported by the NIHR Cardiovascular Biomedical Research Centre, the NIHR Clinical Trials Unit and excellent tertiary and national clinical services, laboratory space and leading imaging facilities.

Academic Clinical Fellowship Training Programme: Clinical Component

The post holder will join trainees in Cardiology, working within the South Yorkshire rotation. Clinical competencies will be formally assessed by consultants involved in clinical supervision of the trainee in out-patient clinics, during ward work, in the cath lab/imaging and on-call.

The trainee will undergo the same process of assessment as his/her full-time colleagues. The Fellow will attend the didactic and interactive teaching sessions derived from the basic training curriculum for South Yorkshire trainees.

The clinical training programme lead will be Dr David Warriner, Training Programme Director for South Yorkshire, whilst the Academic Lead will be Professor Alex Rothman. The programme will be flexible where possible in terms of: i) Organisation of the clinical and academic components ii) Individualised training and mentorship from multiple experienced academic and clinical supervisors iii) access to external mentoring and support throughout the programme. The academic and clinical components of the programme will be subject to a programme of annual appraisal as part of the Deanery's ARCP exercise.

Occasionally, a trainee may not fulfil the outcome requirements of their academic training post. As long as the trainee has met their clinical training competencies, they would return

to a standard clinical training programme. The Clinical Academic Working Group (CAWG) will receive and assess each trainee's compulsory academic progress report at 6-monthly intervals to determine at an early stage whether a trainee requires further support or, in exceptional circumstances, will exit from the academic training programme.

Objectives of the Training Programme

1. To obtain core competencies at IMT, ST1, ST2, ST3 or ST4 levels.
2. To undertake a generic programme in research methodology.
3. To identify an area of academic and clinical interest upon which to base an application for an externally-funded PhD programme.
4. To develop a competitive Fellowship Application that leads to an externally-funded PhD programme.

REPORT TO:

Academic Training Lead: Professor Alex Rothman
Clinical Programme Director: Dr David Warriner

Research Protected Time:

The research project will be undertaken in Cardiology and sub-specialties. There is flexibility within the Academic Unit regarding a specific research programme, and the trainee will work closely with a chosen Academic Supervisor, co-ordinated by the Academic Lead, to develop a bespoke programme of research training likely to lead to a competitive Fellowship application bid with a high chance of success. The trainee will be encouraged to choose a digital research theme around the development and delivery of digital and remote health and care interventions, digital research methodology and data analysis. Research could include the use of artificial intelligence and machine-learning approaches and emerging digital technologies including but not limited to sensors, smartphones, and computer tablets. This theme could also include research in data analytics and predictive analytics, precision medicine (genomics), and virtual & augmented reality. This theme is focused on delivering equitable, cost-effective digital health interventions to deliver patient benefits as well as the wider use of large data sets and how this is used in research.

Teaching

The postholder will contribute to the undergraduate and postgraduate teaching programmes of the School and will also be involved with the assessment of students and have personal mentoring responsibilities for a small group of students on the MBChB programme.

Clinical Duties

The clinical role will be based within the South Yorkshire rotation. The postholder will undertake a full range of clinical work in core medicine and cardiology at a level appropriate to their training. Clinical placements will be geared towards ensuring that the postholder achieves the competencies required for their level of training, as detailed in the JRCPTB training curriculum and training matrix. During this training, the postholder will be expected to make progress with the acquisition of intermediate competencies and the acquisition of such other skills as will be determined by the programme director. There is an ‘on-call’ commitment with this post. It is expected that the postholder will work to successfully attain the appropriate MRCP examination during the duration of the Academic Clinical Fellowship.

Planning and Organising
The postholder will be part of the medical team providing services to patients of the Trust. They will participate in the planning and organisation of treatments, and the wider running of the Unit, under the direction of the Clinical Head.

Accommodation and support for the post
Office space will be made available within the School of Medicine and Population Health

CONTACTS

Academic Leads and Supervisors:

Potential candidates should contact Prof Alex Rothman, School of Medicine and Population Health, The Medical School, Beech Hill Road, Sheffield, S10 2RX
a.rothman@sheffield.ac.uk

Training Programme Director (clinical):

Dr David Warriner - david.warriner1@nhs.net

Academic Training Programme Director

Professor Janet Brown - j.e.brown@sheffield.ac.uk

Further Information

Because of the nature of the work for which you are applying, this post is exempt 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) Integrated Academic Training (IAT) page on https://www.nihr.ac.uk/explore-nihr/academy-programmes/integrated-academic-training.htm#one

Person Specifications

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):-

https://medical.hee.nhs.uk/medical-training-recruitment/medical-specialty-training/person-specifications

AND the Academic eligibility criteria listed at:

https://medical.hee.nhs.uk/medical-training-recruitment/medical-specialty-training/person-specifications