NHS
Cambridge
University Hospitals
NHS Foundation Trust

UNIVERSITY OF CAMBRIDGE

Academic Clinical Fellowship

In

Intensive Care Medicine

(ST1/CT1 or ST3)

One post

Entry: August 2027

Job title	Academic Clinical Fellow in Clinical Genetics
Post(s)	ACF-2027-14-002 – Response Mode Post 2 – Clinical Genetics OR Intensive Care Medicine OR Gastroenterology Three NIHR-funded posts

This post will attract an Academic National Training Number – NTN(a)

Duration and Outcome

This post will be appointed CT1/ST1 (ACCS) or ST3 (HST in ICM) level and is funded for three years. Entry at CT1/ST1 will be into ACCS with the parent specialty of the applicant's choice, with these being Anaesthesia, Emergency Medicine or Internal Medicine. Applicants should indicate their intended ACCS partner specialty at time of application. Entry at ST3 is into higher specialty training in ICM. The principal aim of the ACF scheme is to allow academically gifted clinical trainees the opportunity for 25% protected research training and during that time to formulate and submit an application for an externally funded Research Training Fellowship (RTF) (e.g. Medical Research Council, Wellcome Trust, British Heart Foundation). If candidates are unsuccessful in obtaining funding for an RTF/PhD, they can transfer into non-ACF ST3+ posts and pursue full-time clinical specialty training in intensive care medicine (note higher training in a partner specialty will require an application to the recruitment scheme for that partner specialty and, unlike ICM, will not be automatic). It is anticipated that all successful ACFs completing RTFs would be in a strong position to compete for Clinical Lecturer posts following award of their higher research degree, as per the Integrated Academic Training programme.

NHS Organisation(s) in which training will take place

Training will take place within Health Education East of England, with rotation to NHS hospitals determined by the training needs of the ACF. We are fortunate to have a well-developed ACCS programme across all parent specialties and all ICM sub-specialities and complementary specialties, available within the region.

Research Institution(s) in which training will take place

University of Cambridge School of Clinical Medicine.

Day release or block release for protected research time?

It is anticipated that the successful applicant will be available for research on a block basis (e.g. 3-9 months durations) comprising 25% WTE over three years. This will be subject to negotiation.

Description of the Research Component

The aim of these posts is to allow individuals to be exposed to academic environments and research techniques that would inform their choice of subsequent full-time research training and provide the senior academic input needed to support the submission of an externally funded RTF. As such, the research components are not constrained. For example, an individual may wish to undertake an initial project involving basic molecular and cell biology followed by periods undertaking translational and/or patient-based studies. Alternatively, an individual may be interested in exploring different research techniques and/or wish to spend their entire research time working in a single research area.

CT1 entry - The successful candidate will work with the Training Programme Directors for their ACCS partner specialty (Anaesthesia - Dr Lynda Menadue, Emergency Medicine- Dr Rajesh Visiraju, Internal Medicine- Dr Kamal Patel), Intensive Care Medicine Training Programme Directors (Dr Coralie Carle/Dr Natasha Lawerence) and their academic supervisor to develop a bespoke integrated clinical-academic training programme that addresses their individual training needs. It is expected that the trainee will achieve the requisite post-graduate qualification (Primary FRCA, MRCEM or MRCP as determined by ACCS parent specialty) in line with the expectations for non-academic trainees (see ACCS training requirements). Academic time will be taken in blocks during ACCS training, with an indicative 6-month block during the first two years and 3-month block in the third year. The timing of these blocks will be agreed with the successful candidate during their training. Academic time will be spent in acquiring research skills and pilot data in preparation for a Research Training fellowship application, which would support study for a PhD degree.

ST3/4 entry -The successful candidate will work intensive care medicine training programme directors (Dr Coralie Carle/Dr Natasha Lawerence) and their academic supervisor to to develop a bespoke integrated clinical-academic training programme that addresses their individual training needs It is expected that the trainee will achieve Fellowship of the Faculty of Intensive Care Medicine (FFICM) towards the end of their second year. This will be after completion of Stage 1 ICM training and must be passed before progressing to Stage 3 ICM training. Following Stage 1 ICM training, the ACF will enter a 9-12 month academic module. Academic time will be spent in acquiring research skills and pilot data in preparation for a Research Training fellowship application, which would support study for a PhD degree.

Research Environment

Cambridge provides an exceptional environment for biomedical research, and the areas of institutional excellence are outlined elsewhere (see University School of Clinical Medicine , and PACE section principal investigators for details). The Perioperative, Acute, Critical Care and Emergency Medicine (PACE) section is part of the Department of Medicine, which was awarded a

5* rating in the last RAE. Within the Division we undertake internationally recognized programs of research in neurosciences, infection and the biology of critical illness. The programs are supported by a diverse range of wider collaborations within Cambridge, which allow us to accommodate almost all clinical interests relating to intensive care medicine. The section houses three established academics undertaking research in intensive care (Prof Jonathan Coles – Professor of Intensive Care Medicine and section lead; Prof Virginia Newcombe-Professor of Emergency Medicine and Intensive Care Medicine, Dr Andrew Conway Morris -Associate Professor of Anaesthesia), as well as other senior clinician scientists with research interests pertaining to intensive care medicine and perioperative care.

Alongside these research opportunities, the ACF would also be exposed to the range of formal lectures and seminars, and the training in generic and transferrable research skills offered by CATO http://cato.medschl.cam.ac.uk/). All academic trainees have the opportunity to apply to undertake one of the taught Masters degrees based at the University of Cambridge.

Description of the Clinical Training Component

CT1. Training in ICM at ST1 level will be through the ACCS programme, through the parent specialty (Anaesthesia, Emergency Medicine or Internal Medicine) of the successful applicant's choice (intended parent specialty should be indicated at time of application). Clinical training will follow the 2 year-ACCS core curriculum (6 months each of Anaesthesia, Intensive Care Medicine, Emergency Medicine and Acute Medicine) followed by the third year in the parent specialty. For those opting for ACCS (Anaesthesia) or ACCS (Internal Medicine) a fourth ACCS year in Core Anaesthesia or year 3 Internal Medicine Training (IMT3) will be offered. Training will take place in Regional Training Centres around the East of England. The exact location of these training modules will depend on the ACF's training requirements but the needs of academic training, research activities and personal requests will be fully considered. Subject to satisfactory progress, including passing the relevant examination for the chosen parent speciality, the trainee will enter higher specialist training in Intensive Care Medicine. Time out of programme for research (OOPR) will be available to undertake a PhD subject to a successful research training fellowship (RTF) application.

ST3. The training needs of either a single or dual (partner specialty: acute medicine, anaesthesia, emergency medicine, renal medicine, respiratory medicine) specialty trainee can be supported, although dual training in a partner specialty will require application for that specialty through the national recruitment. Because the candidates may come from a variety of backgrounds with differing training needs and previous clinical experience, the ACF post has been designed, as much as possible, to offer adaptable bespoke training. The successful candidate will benefit from a personalised programme of clinical training, designed to support their individual needs. Opportunities available include attachments in cardiothoracic (Royal Papworth Hospital), neuro-

trauma (Addenbrooke's Hospital), and paediatric (Addenbrooke's Hospital) intensive care. Stage 1, Stage 2 and Stage 3 ICM training in Anaesthesia, ICM and Acute Medicine is available. These blocks of ICM training are available at Addenbrooke's Hospital, Royal Papworth Hospital and Regional Training centres in the East of England region. The exact location of these training modules will depend on the ACF's training requirements but the needs of academic training, research activities and personal requests will be fully considered.

The ACF Programme is principally designed to nurture trainees wishing to pursue an academic career. However, the post also equips the trainee with the necessary training to re-enter full-time clinical training after three years should this be required.

Further Information and Contacts

Clinical Academic Training Office (CATO) at the University of Cambridge

CATO Director	Professor Alasdair Coles Email: ajc1020@medschl.cam.ac.uk
ACF Programme Director	Professor Virginia Newcombe Email: vfjn2@cam.ac.uk
Academic Training Lead	Andrew Conway Morris Email: ac926@cam.ac.uk

Other Contacts

Training Programme Directors	Kamal Patel (ACCS-Internal Medicine) Email: kamal.patel4@nhs.net Rajesh Vasiraju (ACCS-Emergency Medicine) Email: r.vasiraju@nhs.net Lynda Menadue (ACCS-Anaesthetics) Email: lynda.menadue@nhs.net Serena Goon (ACCS-Anaesthetics) Email: serena.goon1@nhs.net Coralie Carle Email: coralie.carle@nhs.net Natasha Lawrence Email: natasha.lawrence5@nhs.net

NHS England East of England	2-4 Victoria House, Capital Park, Fulbourn, Cambridge, CB21 5XB Email: england.recruitment.eoe@nhs.net
NIHR	http://www.nihr.ac.uk/IAT