

ACF IMT Programme Details in conjunction with the University of Manchester

Recruitment to posts starting in August 2022

Post availability

There is one post available in either Cardiology OR Renal Medicine.

- Cardiology – You can apply at ST1 level in this round of recruitment.
- Renal Medicine – You can apply at IM1, IM2 or ST3 level in this round of recruitment.

Please note if you are appointed at ST1 or ST2 level, you will be placed in an appropriate Core Medical Training track until you reach ST3 level.

Overview

You can find generic information about Academic Clinical Fellowships in the North West plus links to the National Institute for Health Research's guidance via <https://www.nwpgmd.nhs.uk/nih-academic-clinical-fellowships-glance>

The Greater Manchester Academic Nephrology Programme is one of the largest and most comprehensive groups conducting renal research in the UK. The network comprises of infrastructure and teams based at the University of Manchester, Manchester University Hospitals Foundation Trust, Salford Royal NHS Foundation Trust, Royal Manchester Children's Hospital & Lancashire Teaching Hospitals NHS Foundation Trust. The Greater Manchester Renal Clinical Research Network is amongst the top 5 NIHR recruiting centers in clinical trials in nephrology and transplantation in UK. The adult and paediatric nephrology departments are amongst the largest in Europe and research programmes span the whole spectrum from basic science to clinical trials. Our aim is to understand aetiology, improve clinical outcomes and patient pathways in renal disease and its therapies. The disease areas in research span across the spectrum of nephrology and transplantation including renovascular disease and cardiovascular disease in CKD, glomerular diseases & vasculitis, calcification, acute kidney injury, epidemiology of advanced CKD, frailty and treatment advances in end stage renal disease. The programme has a strong track record of research in End Stage Renal Disease improving techniques of blood purification, apheresis and other renal replacement therapies (Dialysis Medicine) and in Organ transplantation. The adult and paediatric nephrology, dialysis and transplantation departments are amongst the largest in Europe and research programmes offered span the spectrum from basic science to clinical trials. The research consortium has over 90 active staff members including seven professors, several senior lecturers, senior scientists and academic fellows (PhD/MD/MSc). All the principal investigators have extensive experience of

supervising higher degrees and can provide mentorship, support and practical guidance to both ACFs and clinical lecturers.

In the specific theme of Older People and Complex Health Needs, the programme will provide access to an ongoing active research programme on frailty in complex chronic disease that supports PhD fellowships at the University of Manchester and has attracted national competitive grant funding (Kidney research UK). The programme is part of a national collaborative and hosts a designated National test-bed centre for Frailty (NHS England).

Academic Training

The aim of the ACF programme is to enable trainees to prepare and secure a competitive clinical fellowship. This is achieved by focusing on the core skills required for research and ACFs will have the opportunity to contribute to and complete research projects prior to their fellowship application, which should result both in presentations at national and international meetings and publications in peer reviewed journals. Each ACF will be allocated an academic supervisor in keeping with their area of research interest with whom they will agree goals for each year of their training. The supervisor will help them formulate an individualised programme for their research time and to develop a suitable project for a fellowship application. In addition, each ACF will enter the University of Manchester's mentorship programme which provides personal and careers guidance for junior academic doctors by a senior clinical academic not necessarily in the same discipline. The Fellowship Academy within the University provides advice, guidance and help with preparing for fellowship applications at all levels.

Trainees entering as ACFs at ST1 or ST2 are allocated 25% of their time to research while they complete their core medical training and obtain the MRCP. The research time is usually organised as 2 months in the first year and 4 months in the second year. ACFs will be provided with 4 x 2 weekly taster sessions during the first placement to sample different types of research before choosing an area to focus on. Once at ST3, or if entering at ST3, then the 25% time may either be on a week by week basis or in a 3-month block.

Research Facilities

The Greater Manchester Academic Nephrology Programme benefits from excellent infrastructure and state-of-the-art facilities for biomedical research and highly qualified researchers of national and international reputation. There is dedicated Renal Research Labs and Transplantation immunology lab facilities at Manchester University Hospitals Foundation Trust. The Wellcome Trust CRF provides a platform for renal clinical interventional and experimental studies. The programme is supported by access to developmental biology and cell matrix research laboratories at the University of Manchester led by academic renal physicians. Within the network, we have access to large patient cohorts,

databases with follow-up data and samples available for analysis. Farr Institute's Health e-Research Centre provides access to and support in Bioinformatics and Artificial intelligence. There is access to and project collaboration support from teams at the Digital Experimental Medicine Team at CRUK Manchester Institute. There is collaboration and access to a team of biomaterials scientists and engineers to support development of new concepts in innovative devices and solutions in health care. Twice yearly academic meetings provide the opportunity for direct interaction for clinicians, researchers, and patients in the cities of Manchester and Salford to facilitate communication and to foster new collaborations. A unique attraction of the programme is access to a dedicated Kidneys for Life (KFL) Research Grants programme locally, which provides pilot project funding support, accessible to Greater Manchester Renal research teams within the academic network.

Clinical Training

You can find out more about the clinical training programmes in the North West via the following link - <https://www.nwpgmd.nhs.uk/specialty-schools>

Clinical person specifications can be found via the following link - <https://specialtytraining.hee.nhs.uk/Recruitment/Person-specifications>.

Useful Links

<https://www.oriel.nhs.uk/Web/Vacancies>

<https://www.nwpgmd.nhs.uk/nih-academic-clinical-fellowships-glance>

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

<https://www.nwpgmd.nhs.uk/specialty-schools>