



Academic F2 JOB DESCRIPTION

Research Training with Academic Training Opportunities

4 month rotation (one post)

CARDIOLOGY

Lead Academics: Professor David Grieve, Dr Chris Watson

Clinical aspects of the programme will be supervised by Professor Mark Harbinson

Centre: Wellcome-Wolfson Institute for Experimental Medicine

Contact Details: d.grieve@qub.ac.uk
chris.watson@qub.ac.uk
m.harbinson@qub.ac.uk

Outline of the post

Prior to starting the placement

Following successful application, you will be invited to the Wellcome-Wolfson Institute for Experimental Medicine (WWIEM) to meet with your academic and clinical supervisors to discuss your specific clinical and research interests in order to inform the most relevant project and academic/clinical exposure over the course of the placement.

Generic academic skills

An academic F2 placement in Cardiology will promote insight into clinical academic medicine through working alongside both basic and clinical academic scientists, specialist clinical trainees, postdoctoral researchers, and students. The aim of this placement is to develop your knowledge, skills and aptitude for academic medicine, which we hope will foster interest in a long-term clinical academic career which may involve undertaking a MD or PhD degree in Cardiology.

Academic component

Upon joining our Cardiology research team in WWIEM, you will have an appraisal meeting with your supervisors to review your learning portfolio and to agree educational, research, and training objectives for this academic F2 placement. You will receive feedback from your supervisors throughout the 4-month placement with regular assessment to ensure that relevant competencies are achieved.

Research skills

1. Research project: can be chosen in one of a number of topics relevant to cardiology, including diabetic cardiomyopathy, ischaemic/hypertensive heart disease and diastolic heart failure, with focus on identification of novel therapeutic targets and diagnostic/prognostic biomarkers. Your research projects will be primarily based in WWIEM and will be supervised by one or two academic staff with input from experienced laboratory-based researchers. It is anticipated that any results generated through the course of the placement would be published in the form of a scientific abstract and/or manuscript on which you would be a named co-author.
2. Research training: It is envisaged you will be able to complete a number of research project tasks, such as learning about governance issues relevant to clinical academic research, undertaking a literature review, interrogating a database, collating laboratory results, practising basic experimental techniques, and oral/poster presentation. To support this training, you will spend a significant part of the placement working within the Cardiology research laboratories within WWIEM. Trainees may also have the opportunity to assist with ongoing clinical studies related to our laboratory-based programmes.
3. Mentorship: During your placement you will have access to experienced clinical academic staff in cardiology and related disciplines who are available to provide longer-term advice and encouragement to help you to plan and pursue a career in academic medicine.

Teaching skills

Cardiology has active undergraduate and postgraduate educational opportunities.

1. You will be encouraged to participate in the undergraduate teaching of medical students (e.g. SSC, seminars, ward-based clinical teaching). This teaching may be directly observed by your academic supervisors or other staff from the Centre for Medical Education with opportunities for feedback to improve your confidence and competence.
2. Formal postgraduate education includes regular research group meetings, research and clinical governance sessions held within WWIEM, and critical appraisal of relevant published literature in journal club format.

Clinical component

There will be F2-level clinical feedback, appraisal and assessment as documented in the Foundation Programme Curriculum (www.mmc.nhs.uk). You will have particular opportunities to expand your knowledge of management of heart disease in an outpatient setting with attendance at outpatient clinics. This will provide numerous encounters suitable for recording F2 competencies in mini-CEX and CBD formats. You will also gain experience of dictating letters to fellow health professional and patients (an important generic skill). It is also expected that you will be preparing for and sitting the Part 1 MRCP exam or equivalent during the Academic F2 year.

Provisional job plans

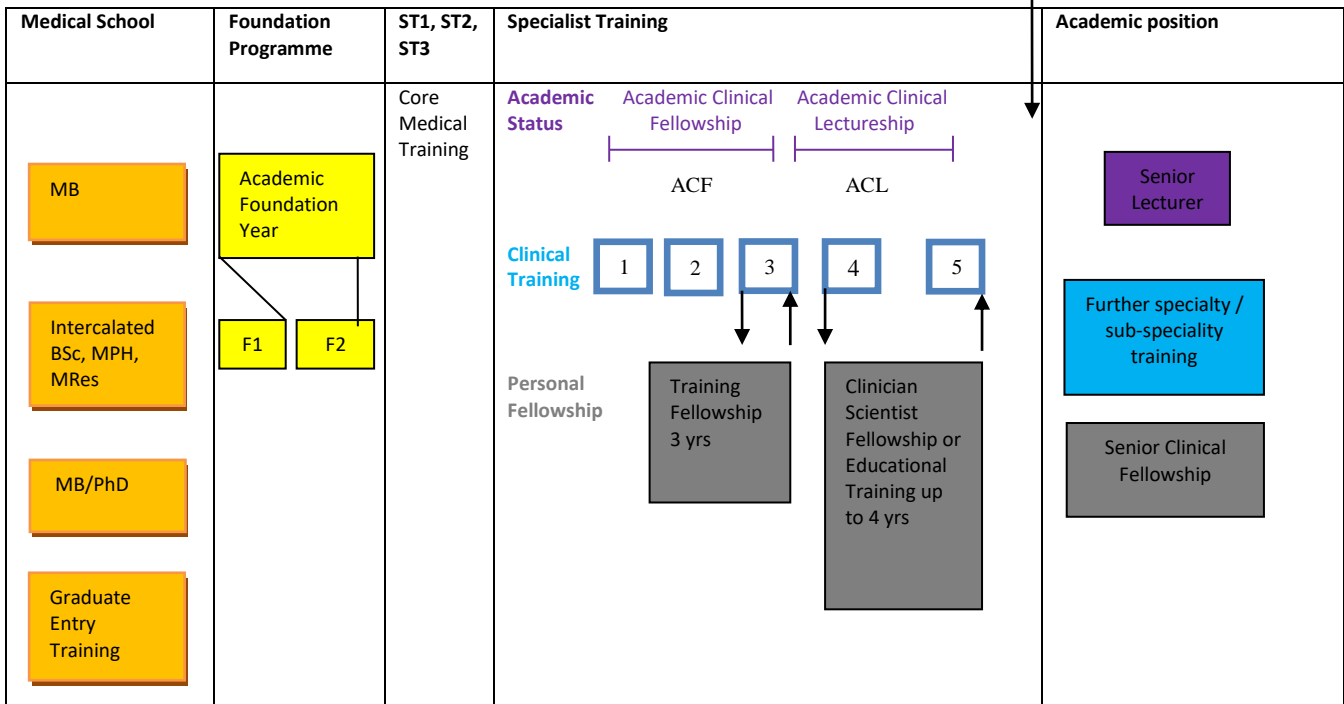
This example job plan has been designed to introduce the successful candidate to major areas of academic Cardiology. There will be individualisation of the attachment for trainees dependent on previous research experience and ultimate career wishes, but neither previous research training nor a desire to work in Cardiology long-term are mandatory. Training in library and journal access will be provided in addition to clinical training on the relevant hospital IT systems pertinent to Cardiology practice.

CARDIOLOGY EXAMPLE

	Monday	Tuesday	Wednesday	Thursday	Friday
a.m.	MRI Clinic	WWIEM Research	Surgical Ward Round	Inherited Cardiac Conditions Clinic	WWIEM Research
p.m.	WWIEM Research	WWIEM Research	Heart Failure Clinic	CPD / Literature Review	Cardiology Research Group Meeting



CCT



The timings of personal fellowships are indicative – there should be flexibility according to individual career progression

Academic F2: Academic F2 training posts are for 4 months. This will be with two other rotations one of which will be a General Medicine attachment.

ACF/ACL: Trainees already appointed at ST3 or above are eligible to apply. Trainees who have undertaken postgraduate research (PhD or MD) should have already submitted their thesis, or be within three months of submission.