



**Academic F2  
JOB DESCRIPTION**

**Research Training with Academic Training Opportunities**

**4 month rotation (one post)**

**Cystic Fibrosis and Bronchiectasis Medicine**

**Lead Academic: Dr Damian Downey**

## Outline of the post

### Prior to starting the placement

Following your successful application you are advised to visit the Northern Ireland Regional Adult Cystic Fibrosis Centre in the Belfast City Hospital. You will be able to discuss your forthcoming placement with the Clinical and Clinical Academic Supervisors. This is to ensure a suitable research project is chosen and that the academic F2 requirements will be met.

### Generic academic skills

By undertaking an academic F2 placement you will gain insights into clinical academic medicine through regular interactions with the Clinical Academic Supervisor, University scientific staff and postgraduate research students. This placement is designed to develop your knowledge, skills and aptitudes for academic medicine and to foster interest in a long-term clinical academic career.

### Academic component

On joining the Regional Adult CF Centre you will have an initial appraisal meeting to review your learning portfolio and agree the educational objectives for this F2 placement. You will receive feedback from your supervisor throughout the 4-month attachment with regular assessment to ensure academic competencies are achieved.

### Research skills

1. **Project.** A research project can be chosen in a number of areas in CF and bronchiectasis. There are multiple active areas of research. These include microbiology database analysis, clinical trial experience, bench microbiology and inflammatory marker work. It would be expected that the work generated would form the basis of an abstract to an international meeting and/or a short report to a journal.
2. **Research Training.** With guidance it is envisaged you will be able to complete a number of research project tasks, learn about the clinical research governance issues, undertake a literature review, interrogate a database, collate clinical and microbiological data, practise scientific writing, present data in an abstract and a poster/oral presentation.
3. **Mentorship.** You will have access to a clinical academic staff member (Dr D Downey) who is available to provide longer term advice and encouragement to help you pursue a career in academic medicine.

## Teaching skills

Cystic Fibrosis and bronchiectasis has active undergraduate and postgraduate educational opportunities. There are multiple medical students attached to the respiratory ward at any one time and educational opportunities will involve tutorial and bed-side teaching. Feedback will be provided. The CF team includes a wide range of multidisciplinary members and there will be an opportunity to teach and discuss research projects and/or findings following the MDT meetings on Mondays. There are also available slots for paper presentations and project discussion at our lab meetings on Wednesday mornings.

## Clinical component

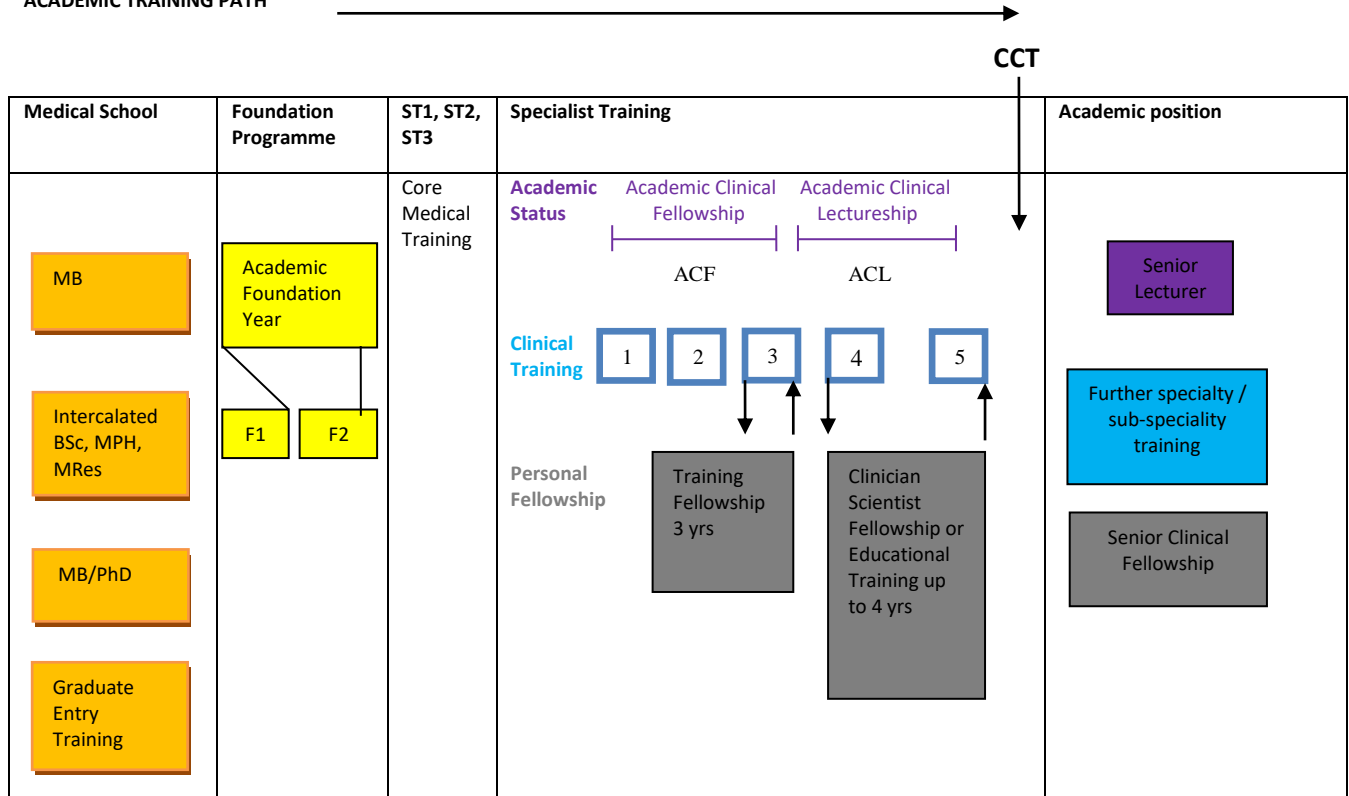
The CF Centre in the Belfast City Hospital provides care for all adult patients with CF in NI. Dr Downey also leads a large bronchiectasis service that also includes a Lung Defence Clinic. This clinic provides specialist care for patients with immunodeficiencies and structural lung disease and is run in conjunction with clinical immunologists. The inpatient and outpatient work will provide a unique opportunity to be involved in the care of patients with complex respiratory needs and will provide training in treating challenging infections. There will be ample opportunities for recording F2 competencies in mini-CEX and CBD formats.

## Provisional job plans

Example Template

	<b>Monday</b>	<b>Tuesday</b>	<b>Wednesday</b>	<b>Thursday</b>	<b>Friday</b>
<b>a.m.</b>	CF Ward Round and MDT	Project	Lab-meeting, teaching and project	Ward Round	Bronchiectasis Clinic
<b>p.m.</b>	Teaching and Project	Project	CF Clinic	X-Ray meeting Project	Project or CF Clinic

ACADEMIC TRAINING PATH



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.

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