

HULL AND EAST YORKSHIRE HOSPITALS NHS TRUST

2-YEAR ACADEMIC FOUNDATION PROGRAMMES

GRADE

Academic F2 Post in Respiratory Medicine

PLACEMENT

A four month placement with the academic respiratory group based at Castle Hill Hospital.

THE DEPARTMENT

Academic Respiratory Medicine is based at Castle Hill Hospital, with both clinical and basic laboratory research facilities on site. The main research interests are cough, airways inflammation, asthma, COPD, cystic fibrosis, interstitial lung disease, the pulmonary vasculature, and telehealth. The department has a high reputation for clinical trials work and the Clinical Trials Unit based at Castle Hill Hospital performs studies both for grant bodies and the pharmaceutical industry to 'Good Clinical Practice' standards. Research is supported by tenured support and technical staff. Basic research facilities include a well equipped molecular pharmacology laboratory with six basic scientists working on respiratory disease in the new Daisy building at Castle Hill Hospital. Outpatient and inpatient clinical work is performed at Castle Hill Hospital and Hull Royal Infirmary. The Academic F2 will join a team of professionals working in Respiratory Medicine:

University Staff:



Professor Alyn Morice
Professor of Respiratory
Medicine



Dr Simon Hart
Clinical Senior Lecturer



Dr Michael Crooks
Clinical Senior Lecturer

Dr Gassan Hamad, Senior clinical fellow, Academic GP
Dr Laura Sadofsky, Lecturer in respiratory pharmacology
Mr Wayne Sheedy, Divisional Manager
Ms Caroline Wright, Clinical Trials Manager
3 Clinical Trials staff; 4 PhD students.

Selected recent publications: (1-7)

1. Morjaria JB, Rigby A, Morice AH. Inhaled Corticosteroid use and the Risk of Pneumonia and COPD Exacerbations in the UPLIFT Study. *Lung* 2017: 1-8.
2. Crooks MG, den Brinker A, Hayman Y, Williamson JD, Innes A, Wright CE, Hill P, Morice AH. Continuous Cough Monitoring Using Ambient Sound Recording During Convalescence from a COPD Exacerbation. *Lung* 2017.

3. Fowles HE, Rowland T, Wright C, Morice A. Tussive challenge with ATP and AMP: does it reveal cough hypersensitivity? *European Respiratory Journal* 2017; 49.
4. Hamad GA MA. telehealth-in-copd-compiling-a-telemonitoring-package. *Chronic obstructive pulmonary disease* 2016; 1: 8.
5. Birring S, Wijsenbeek M, Agrawal S, Tutuncu A, Morice A. LATE-BREAKING ABSTRACT: Significant improvement in refractory chronic cough with inhaled PA101 in patients with idiopathic pulmonary fibrosis: Results from phase 2 trial. *Eur Respir J* 2016; 48.
6. Fraser SD, Sadofsky LR, Kaye PM, Hart SP. Reduced expression of monocyte CD200R is associated with enhanced proinflammatory cytokine production in sarcoidosis. *Sci Rep* 2016; 6: 38689.
7. Johnson MJ, Simpson MI, Currow DC, Millman RE, Hart SP, Green G. Magnetoencephalography to investigate central perception of exercise-induced breathlessness in people with chronic lung disease: a feasibility pilot. *BMJ Open* 2015; 5.

Hull and East Yorkshire NHS Trust staff: Consultants in Respiratory Medicine: Drs S Faruqi (clinical lead), D McGivern, J Kastelik, M Greenstone, G Anderson, S Pathmanathan, E Pinder, D Shiferaw, A Prakash. There are 7 registrars in respiratory medicine, 2 CMT trainees, 2 GPVTS trainees, 1 academic FY2 trainee, 6 FY1 trainees, and 4 respiratory nurse specialists.

The type of work to expect and learning opportunities

This post will be of interest to those considering a career in a broad range of medical specialities (including those such as radiology or anaesthetics where a foundation in respiratory medicine may be invaluable) but would also be useful to those interested in health services research, pharmaceutical aspects of ill health and basic laboratory research in any speciality.

The clinical and/or basic science research project will be planned in discussion with the trainee and the supervisors. Examples of projects undertaken by academic F2 trainees include telehealth case studies in COPD, biomarkers in pleural effusions, measurement of salivary pepsin in patients with respiratory disease, and cough challenge studies.

The post will provide exposure to both clinical and translational research which it is expected will lead to a communication (case report, abstract and presentation at a scientific meeting or similar).

Where the placement is based

Foundation Year 1	Foundation Year 2
General Medicine/General Surgery/A&E	Academic – Respiratory Medicine, University of Hull, Castle Hill Hospital

Typical working pattern in this placement

During the 4 month academic placement there will be full time commitment to the respiratory research project during the working week. There are no fixed clinical commitments in respiratory medicine other than those that may be directly related to the project itself.

Employer information

Academic supervision will be by Professor Alyn Morice, Dr Simon Hart, and Dr Michael Crooks.

Further information

To visit / chat please contact
 Mrs Julie Crawford,
 PA to Professor Alyn Morice
 Academic Medicine
 Castle Hill Hospital
 01482 624067