Job Summary

Job Title: Clinical Research Fellow in Respiratory Medicine or Radiology
Grade: Clinical
Department: Cardiovascular Sciences
Hours/Contract: Full-time fixed term contract
Reference: 679

Role Purpose
You will undertake a research project focussed on understanding the pathogenesis of asthma and chronic obstructive pulmonary disease. The posts will include undertaking experimental medicine studies linked to MRC and EU/IMI-funded consortia within our NIHR Biomedical research Centre (BRC) and will include clinical trials, laboratory science and lung imaging. You will be expected to register for a higher degree.

The post is suitable for a clinically trained investigator, particularly those in specialist training for respiratory medicine or radiology, or for those eligible and planning to enter the specialist training grade who wish to pursue a career in respiratory medicine or radiology, and who are interested in pursuing a period of full time research leading to a higher degree (MD or PhD).

The balance of the posts between clinical duties and basic science will vary dependent upon your experience and future career intentions.

<table>
<thead>
<tr>
<th>Main Duties and Responsibilities</th>
<th>% Time</th>
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<tr>
<td><strong>Research</strong></td>
<td>90</td>
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<tr>
<td>In vitro laboratory work</td>
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<td>Detailed image analysis</td>
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<td>Recruitment and consent, sample collection, preparation and analysis, employing high level specialist techniques and procedures.</td>
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<td>You will also participate actively in the co-ordination of collaborative work with research partners at other centres.</td>
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<td>Data collection in both paper and electronic formats. Design and construction of an electronic database platform to enable data storage. Analysis and interpretation of raw data from own work and the work of others in the group.</td>
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<td>Co supervision of MSc and BSc project students within own area of speciality.</td>
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<td>Working within the Department to ensure appropriate corporate objectives are achieved, including writing publications and obtaining research grants.</td>
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<td>Identifying personal training needs on an annual basis.</td>
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<td>Contribute to the core activities of the department in respect of skills transfer and giving advice where applicable.</td>
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<td>Responsible for own professional development within the framework of the Teaching and research job family. Development of own research initiatives and collaborations within the scope of the grant.</td>
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**Teaching**

- You will have the opportunity to be involved in undergraduate and post-graduate teaching of medical students and junior doctors.

**Clinical work**

- To participate in appropriate outpatient clinics to identify potential patients for the clinical study. There are opportunities for the post-holder to be involved in specialist outpatient clinics dependent upon the post-holders experience.
- To undertake bronchoscopy of patients with airway disease and controls.
- To offer support and advice to non-clinical colleagues and manage own caseload of research participants.
- To undertake other relevant duties as suggested by the clinical supervisor.
- Specific duties will be agreed with the clinical supervisor and the training programme director, as appropriate, in light of previous experience and future training requirements and will be reviewed on an annual basis. The clinical work will be organised to ensure that it is relevant and contributes to the research project and this will be monitored carefully to ensure that the time for laboratory work is protected.

**Internal and External Relationships**

**Internal**

- Members of the Respiratory research group within the Respiratory BRU at Glenfield Hospital including doctors, nurses and non-clinical scientists who are interested in the pathogenesis of airway disease.
- Other members of UHL staff
- Members of the University Dept of Respiratory Sciences & the wider College and University
- Supervised by and reporting to Prof Chris Brightling for the duration of the project.
- Undergraduate and postgraduate students

**External**

- Patients recruited to the study
- External collaborators

**Planning and Organising**

You will be expected to work largely independently and thus will need to have excellent skills in planning and organising their time together with the clinical team for study delivery.

**Qualifications, Knowledge and Experience**

**Essential**
### Job Summary

- MB BS or equivalent *
- Full GMC registration *
- Licence to practice *
- Good Clinical Practice certificate or ability to obtain *
- Statistical knowledge and understanding *

#### Desirable

- Experience at FY2 or above, or equivalent *
- Experience in research methodology e.g. intercalated BSc *
- Previous commitment to research evidenced by previous presentations at national/international meetings, publications, prizes, etc. *
- Experience of writing scientific papers *
- Experience of presenting work at National and International scientific meetings *
- Previous laboratory and/or clinical research experience *

### Skills, Abilities and Competencies

#### Essential

- High level of proficiency in English, sufficient to undertake research, teaching and administrative activities utilising English Language materials and to communicate effectively with staff and students *
- Self-motivation
- Desire to learn
- Good organisational skills
- Ability to plan, prioritise and work on own initiative
- The ability to complete work on time and to work to deadlines.
- Excellent, fluent oral communication skills
- Evidence of good written communication skills *
- Willingness and aptitude to present work at international and national meetings.
- Excellent team working skills
- The ability to interact well intellectually and personally with medical and non-medical members of the academic department, other members of the research group, patients and external collaborators.
- IT literate including the ability to use Microsoft Office including Word and Excel, competently

*Criteria to be used in shortlisting candidates for interview

### Additional Screening Requirements
This post is exempt from the Rehabilitation of Offenders Act 1974 because the appointee will have substantial access to young people and/or vulnerable adults. Therefore, an appointment to this post will be subject to checking through the Disclosure and Barring Service (DBS). The successful applicant for this post will, therefore, be required to give consent for the University to check and obtain appropriate clearance with the DBS for the existence and content of any criminal record in the form of an Enhanced disclosure. Information received from the DBS and the police will be kept in strict confidence and will be destroyed once the University is satisfied in this regard.

Research Passport Requirements

Where it is determined that the duties of this post for the purposes of research involve work with the NHS, it is necessary to ensure that the performance of the duties attached to the post are covered by NHS indemnity arrangements and the appointee must comply with all such arrangements, including occupational health clearance.

Contract information

Where an appointee holds a national training number (NTN) and undertakes this post via an Out of Programme application they are deemed to return to their substantive NHS training post at the end of this appointment.

An honorary clinical contract will be sought from the University Hospitals of Leicester NHS Trust (http://www.leicestershospitals.nhs.uk/aboutus)

Additional Information

Clinical candidates must be currently registered with the GMC, hold a licence to practice and will be required to maintain these for the duration of your employment and cannot be lawfully employed should registration lapse. Lapsing may render you subject to disciplinary action. You are required by the GMC to revalidate every five years. You must therefore advise the University of your revalidation dates and provide written evidence of your satisfactory revalidation where these fall within your period of employment with the University. You are also required to abide by the codes of professional practice as detailed by the professional body GMC.

Candidates are required to hold and maintain appropriate cover from a medical defence organisation for the duration of employment.

Where the duties of a post involve work with NHS patients, identifiable patient data and/or patient material/tissues, or NHS staff or their data for the purposes of research it is necessary to ensure that the performance of the duties attached to the post is covered by NHS indemnity arrangements and the appointee must comply with all such arrangements.

It is a fundamental condition of employment that you hold and retain an honorary contract with a recognised NHS Trust acceptable to the University for the duration of your employment. The appointment with the University will automatically terminate should an honorary NHS contract be withdrawn or otherwise come to an end

You will be required to comply with all NHS employment checks and satisfactorily meet these requirements.

You must provide evidence of attendance at a Trust occupational health interview within the first 3 days of commencing in post.
### VITAL

The University encourages all staff to live our **VITAL values** which are:

*Valuing People, Innovators, Together, Accountable, Leaders.*

### Equality and Diversity

We believe that equality, diversity and inclusion is integral to a successful modern workplace. By developing and implementing policies and systems that challenge stereotypes across all aspects of our work, we have a culture that recognises and values the diverse contributions of our staff which benefits everyone. Our strong values of inclusivity and equality support our efforts to attract a diverse range of high quality staff and students, and identify our University as a progressive and innovative workplace that mainstreams equality, diversity and inclusion.