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**The University
of Nottingham**
Medical School

ACF Job Description – Respiratory Medicine

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NHS England
in partnership with the
University of Nottingham

Academic Clinical Fellow x2 in Respiratory Medicine
For appointment at IMT1, IMT2 or ST4

Academic Clinical Fellowship in Respiratory Medicine

These posts are designed for an IMT1, IMT2 or ST4 Resident Doctor who has ambitions to work in academic Respiratory Medicine. The successful applicants will be awarded an Academic National Training Number (NTN/A) in Respiratory Medicine.

There are two Respiratory Medicine ACF posts on offer, in competition as follows:

1. Respiratory Medicine OR General Surgery OR Rheumatology, with no set research theme
2. Respiratory Medicine OR General Practice OR Paediatrics, in the research theme of Primary Care and Community Care

Both posts are for appointment at IMT1, IMT2 or ST4. Applicants must already hold an NTN/DRN in the specialty OR apply via national recruitment to this specialty for Clinical Benchmarking.

Academic and Clinical Training in Respiratory Medicine will be integrated, with focused time for academic development. Training will be provided in research methods including study design, data collection, use of statistics, computer skills, presentation and writing papers.

During the academic components of the post, and in particular during the 9 months of protected academic time within the 3 years, the successful applicant will undertake academic training and original research in an area of their research interest.

Academic Respiratory Medicine at the University of Nottingham

Respiratory Medicine is part of the Academic Unit of Translational Medical Sciences (TMS) in the School of Medicine. Academic Respiratory Medicine encompasses disciplines in basic science, translational medicine, clinical studies, epidemiology and data enabled research, precision imaging and clinical care. It has an international reputation for research, innovation and teaching, as well as a breadth of experience in academic and clinical training.

The other major research themes of the Academic Unit include Cancer, Gastroenterology and Hepatology, Kidney Medicine and Stem Cell Biology.

More information on Respiratory Medicine is available via the Academic Unit of TMS website accessible via: <https://www.nottingham.ac.uk/medicine/research/research-areas/respiratory-medicine/index.aspx>

Academic Respiratory Medicine is currently located across 3 sites: City Hospital Campus, QMC campus and University Park. It comprises offices, state-of-the-art molecular biology laboratories, teaching, meeting and computer rooms. The senior academic staff of Respiratory Medicine supervise PhD students from medical and science backgrounds, train Clinical Lecturers and Academic Clinical Fellows and mentor academic Resident Doctors at

Enquiries should be addressed to Professor Charlotte Bolton
charlotte.bolton@nottingham.ac.uk

all levels. They also supervise undergraduate research and undertakes highly rated undergraduate and postgraduate teaching in Respiratory Medicine.

Nottingham has a NIHR Biomedical Research Centre (BRC), which includes Respiratory as a theme. Many aspects of respiratory medicine are actively researched in the NIHR Nottingham BRC. Within the current respiratory theme of the BRC, there is active research across several disease areas: airways disease (asthma and COPD), rare lung diseases, fibrotic disease and acute (pneumonia and acute respiratory infection) and chronic (cystic fibrosis and bronchiectasis) infective lung disease. In addition, lung cancer research is being integrated now.

The following cross cutting themes reflect the departments areas of special expertise and are of central importance for translational research:

- Respiratory Cell and Molecular Biology
- Respiratory Clinical Studies across disease areas, multiple long term conditions, biomarker discovery of treatable traits and impact of air quality
- Respiratory Epidemiology and Population Sciences
- AI, Data Science and Machine Learning
- Precision Imaging

The respiratory theme of NIHR Nottingham BRC has developed a number of prospective, deeply phenotyped cohorts of patients. These are linked to clinical, imaging data and a range of biological samples. These cohorts support the early translational programme discovering, evaluating and validating novel biomarkers and experimental medicine studies that discover novel mechanisms.

There is a strong, inclusive focus on Patient and Public Involvement, Engagement and Participation.

ACF in Respiratory Medicine

Research opportunities

The ACF in Respiratory Medicine will be supported by the Academic Programme Director to identify an area of research for the benefit of patients. Respiratory Medicine in Nottingham offers a broad range of research opportunities in basic science, translational medicine, clinical studies, imaging and application of technology to patient care. During the 9 months of protected academic time, the ACF will have the opportunity to generate data, write up data for publication and prepare applications for PhD Fellowship funding with the supervision and mentorship of the senior academic staff.

Respiratory researchers at the University of Nottingham have a diverse and substantial project, programme and training award funding portfolio from a range of funders. The NIHR Nottingham BRC (£23.3M) and its respiratory theme supports a clinical translational platform across disease areas.

A Wellcome Trust Discovery award (£8.4M) to define molecular pathways in lung function impairment, a £9.4M LifeArc Translational Rare Disease Centre, a CF precision Hub diagnostics centre (LifeArc and CF Trust) and UKRI Cross Council funding offer opportunities. Other recent funding includes UKRI, NIHR, Asthma + Lung UK, CF Trust and several other, mostly respiratory, disease-focused charities. Members also play significant roles in consortia which bring together many academic and industrial partners as well as productive industry collaborations.

These have been enhanced with other major developments in Nottingham directly linked to our research including the Sir Peter Mansfield Imaging Centre (SPMIC) - firmly on the UK

map as a leading centre of excellence for MR research nationally and internationally and the £100M Biodiscovery Institute (BDI).

There are close links with several other clinical and basic science groups within Nottingham University particularly molecular microbiology, respiratory paediatrics, mathematics and medicinal chemistry.

Academic time can be taken as day or block release. The successful candidate will discuss this with their Academic Programme Director at the start of the ACF, taking into account their clinical training requirements and academic project needs.

Teaching and Core Academic Skills

The Academic Clinical Fellow, like other specialty Resident Doctors, will participate in the teaching of Respiratory Medicine to undergraduate medical students and will contribute to the respiratory journal club and postgraduate programme. The successful applicant will receive training in teaching and learning methods.

Training in core academic competencies will also be provided by access to Masters Courses at the University, particularly Nottingham's N-Trans and MRes Courses. There are also regular multidisciplinary research meetings where research methodology and work in progress are discussed, and a full postgraduate education programme.

Applicants are encouraged to discuss their areas of research interest with the Academic Programme Director Professor Charlotte Bolton, charlotte.bolton@nottingham.ac.uk before the interview.

ACF in the Clinical Training Programme

The clinical training programme in Respiratory Medicine

The successful candidate will undertake General Internal Medicine (GIM) or specialist training in Respiratory Medicine and GIM clinical training programme in the North of the Health Education England area which is centred on Nottingham.

Applicants are invited to commence at IMT1, IMT2 or ST4 levels.

The clinical training programme is designed to provide:

- General Respiratory Medicine
- General Internal Medicine
- Speciality Respiratory Medicine in disease areas, interventional procedures and Intensive Care.

An example of the Academic Clinical Fellow's rotation would be:

Year 1: Clinical training (9 months), Academic Training (3 months)

Year 2: Academic Training (3 months); Clinical Training (9 months)

Year 3: Academic Training (3 months) Clinical Training (9 months)

This programme is based in hospitals in the North of Health Education England including:

- Nottingham University Hospitals (Queens Medical Centre and City Hospital Campuses)
- University Hospitals of Derby and Burton NHS Foundation Trust
- Sherwood Forest Hospitals, Mansfield
- Lincoln County Hospital, Lincoln

The Academic Clinical Fellow will gain experience in Respiratory Medicine, typically working in both a District General Hospital and the University Hospital and, following satisfactory ARCP assessments, will rotate between posts within the programme.

Clinical rotations are coordinated by the Clinical Training Programme Directors to address the clinical training needs of the successful applicant. An ACF starting at IMT levels will agree their clinical training needs with the IMT Clinical Training Programme Directors to decide their clinical training attachments. When they progress to / start at ST4 and into specialist Respiratory Medicine training, they will agree their training plans with the Respiratory Medicine Clinical Training Programme Directors. The clinical rotation gives excellent all-round training with opportunities in many subspecialties within a relatively small geographical area. All the units involved in the rotations are renowned for their excellence in clinical care, teaching and support of their Resident Doctors, as well as for their friendliness.

Extra duty payments will be paid based on the rota associated with each clinical placement. If academic time is taken as block release, clinical out-of-hours duties are not usually undertaken in this time, which would result in cessation of these payments during academic block release.

On completion of the three-year Academic Clinical Fellowship, the post holder will either take up a Clinical Research Fellowship working towards a doctorate (later returning to clinical training) or, alternatively, may continue with full time clinical training to CCT within the clinical rotation.

See: <https://www.eastmidlandsdeanery.nhs.uk/medicine/school-medicine>

Mentorship, Appraisal and Assessment

In addition to their research supervisor, the successful candidate will have an academic mentor who will be a senior clinical academic and who will provide support for all aspects of the Academic Clinical Fellowship. In addition, as for all clinical Resident Doctors, educational support for clinical training will be provided by an Educational Supervisor who will provide guidance and support in attaining clinical competencies and in the development of a personal e-portfolio. For each clinical attachment, the Resident Doctor will be allocated a Clinical Supervisor to assist them in attaining their clinical competencies. This will be complimented by the well-established Clinical Training Day Programme.

Completion of clinical training will be contingent on satisfactory appraisal of clinical competencies. Academic Clinical Fellows will undertake regular appraisals and an annual joint academic and clinical and assessment (Joint Clinical Academic ARCP) and competency-based assessments.

Personal Specifications

Applicants for this post should fit the both the academic person specification and the clinical person specification for the level of training. Both the academic and clinical person specifications can be found at <https://medical.hee.nhs.uk/medical-training-recruitment/medical-specialty-training/person-specifications>

Successful applicants will have **all** of the essential criteria listed in the person specification. Where different essential criteria in academic and clinical person specifications exist, successful applicants will have demonstrated the higher criteria.

Further information can be obtained from:

Academic Programme Director	Prof Charlotte Bolton	charlotte.bolton@nottingham.ac.uk
Training Programme Director for IMT 1-3	Dr Lindsay Chesterton & Dr Janson Leung	lindsay.chesterton@nhs.net and janson.leung@nhs.net
Training Programme Director for ST 4-7	Dr Pranab Halder	ph62@leicester.ac.uk
Clinical Academic Training Programme Team	Harriet Delahoy & Katie Harrison	ms-iatadmin@nottingham.ac.uk
NHS England	Ms Marcia Reid	https://nhs-help.freshdesk.com/support/home

The University's Clinical Academic Training Programme Deputy Director Professor David Humes is also available to provide advice, see website: www.nottingham.ac.uk/go/catp

Useful links

NIHR Resident Doctors website: <https://www.nihr.ac.uk/explore-nihr/academy-programmes/integrated-academic-training.htm>

Life in Nottingham: <http://www.nottingham.ac.uk/studywithus/nottinghamlife/index.aspx>

About the University of Nottingham and School of Medicine:
<https://www.nottingham.ac.uk/medicine/documents/school-of-medicine-further-information.pdf>



Appendix 1:

Life in Nottingham

Central within the East Midlands, Nottingham is a vibrant and prosperous city with something to offer everyone. It is one of the UK's leading retail centres and has a huge variety of restaurants, bars and nightclubs, which attract people from all over the UK. Culturally, it has good theatres, an arena which attracts both national and international performers and a range of historical interests relating to subjects such as the lace industry, Lord Byron and DH Lawrence. Nottingham is also known for sport, being the home of Trent Bridge Cricket Ground, Nottingham Forest and Notts County Football Clubs, the National Water Sports Centre and the Nottingham Tennis Centre. There is a good network of roads with easy access to the M1 and the A1, a fast frequent rail service to London and other major cities. Nottingham East Midlands Airport is only eighteen miles away.

The city is set within a county of outstanding natural beauty, which includes Sherwood Forest, Wollaton Park, lively market towns and wonderful historic buildings. Housing is relatively inexpensive and, in addition to the two Universities, there are excellent schools and colleges available.

To find out more about Nottingham, use the following links:

Nottingham County Council – Tourism

<https://www.visit-nottinghamshire.co.uk/>

University of Nottingham

<http://www.nottingham.ac.uk>

Zoopla (Guide to local properties)

<http://www.zoopla.co.uk/>

My Nottingham (information on schools, term dates, school transport etc.)

<http://www.nottinghamcity.gov.uk/education-and-schools/school-admissions/>

Appendix 2: Nottingham University Hospitals NHS Trust (NUH)

Who we are

Nottingham University Hospitals (NUH) became established in 2006 following the merger of Nottingham City Hospital and Queen's Medical Centre (QMC).

We are proud to be part of the community, improving the health and wellbeing of people in Nottingham, Nottinghamshire and beyond.

With more than 19,000 colleagues and 750 volunteers, we are the largest employer in Nottinghamshire and one of the biggest and busiest NHS Trusts in the country. As a specialist centre for a range of national and internationally renowned services, including stroke, renal, neurosciences and cancer services, we care for people from across the East Midlands and beyond.

We deliver district general services to 2.5m residents of Nottingham, Nottinghamshire, and its surrounding communities. Our specialist services allow us to deliver care to 4.5m people from across the East Midlands and nationally for a handful of services.

- QMC is where our Emergency Department (ED), Major Trauma Centre and the Nottingham Children's Hospital are based. It is also home to the University of Nottingham's School of Nursing and Medical School
- Nottingham City Hospital is our planned care site, where our cancer centre, heart centre and stroke services are based, and where some of our emergency admissions units are located.
- Ropewalk House is where we provide a range of outpatient services, including hearing services.

We have a national and international reputation for many of our specialist services, including stroke, renal, neurosciences, cancer services, and trauma.

We are at the forefront of many research programmes and new surgical procedures. In partnership with the University of Nottingham, we host a Biomedical Research Centre carrying out vital research into hearing, digestive diseases, respiratory, musculoskeletal disease, mental health, and imaging.

As a teaching trust we have a strong relationship with our colleagues at the University of Nottingham and other universities across the East Midlands, including Loughborough University, where we are part of the Olympic Legacy project. We play a vital role in the education and training of doctors, nurses, and other healthcare professionals.

We have ambitious plans to improve our hospitals and the services we deliver for our patients. As well as the redevelopment of Nottingham City Hospital and the QMC, we are building a new NHS rehabilitation facility on the Stanford Hall Rehabilitation Estate near Loughborough, National Rehabilitation Centre (NRC) due to open this year.

Our vision and strategic objectives

Our vision for 2026-31 is to be outstanding in health outcomes and patient and staff experience.

Our purpose:

- **Providing high-quality care:** We are here to deliver safe, compassionate, and timely care that improves lives and puts patients first.
- **Educating and developing current and future staff:** We are here to grow and support our people through world-class education, training, and development opportunities.

- **Advancing practice through research, innovation, and quality improvement:**
We are here to lead progress by driving research, embracing innovation, and continuously improving the way we care.

How will we get there?

- **Care:** Consistently provide the right care, at the right time, in the right place
- **People:** Deliver an outstanding experience for our people so they can deliver an exceptional experience for our patients
- **Innovation:** Be a centre of excellence where innovation and research shape the future of health and care
- **Resources:** Use our resources wisely and be a streamlined and efficient organisation delivering excellent experience and value

Our values

At NUH, we are committed to creating outstanding care and becoming an employer of choice. To achieve this, our values and behaviours serve as the guiding principles that shape our culture and define who we are. Our four values are:

- Kind – We are compassionate and caring to everyone.
- Inclusive – Everyone is welcome here.
- Ambitious – We continuously improve.
- One Team – We achieve more when we do it together.

Management arrangements in the Nottingham University Hospitals NHS Trust

NUH is managed via a structure of four key care groups:

- Medicine
- Surgery and Associated Services
- Family Health
- Specialist Clinical Services

There are also the Corporate Departments. Each care group is led their respective Clinical Care group leadership teams.

Conditions of service and governance

NUH is committed to the development of Clinical Governance. The approach taken is to develop actions plans at a directorate level. Each member of the medical staff is expected to take an active role in clinical governance activities within their care group, and each care group has a consultant nominated as Clinical Governance lead. The activities include (but are not restricted to) audit, incident reporting, review of complaints, risk management, CPD and Evidence Based Practice.

Professional standards

The Head of Service is managerially responsible for all activity and personnel in their speciality. They are accountable to a Clinical Director. The Medical Director and Responsible Officer Dr Manjeet Shehmar, has overall responsibility for the professional standards of consultants employed by NUH.

All consultants are expected to follow the guidelines on practice laid down by the General Medical Council's "Maintaining Good Medical Practice" and are accountable to the Trust for their actions and for their actions and for the quality of their work. There is annual review of Job Plans and annual Appraisal.

Appendix 3: Derby and University Hospitals of Derby and Burton NHS Foundation Trust

Derby

Derby is an historic city, which lies at the heart of some of England's most magnificent countryside. The Derbyshire Dales and the Peak District National Park are only a short drive away, with the spa towns of Ashbourne, Matlock and Buxton within easy reach. Southern Derbyshire has a population of approximately 570,000 and is well served by rail and road within easy travelling distance of the M1, M5, M6 and M42. The Nottingham East Midlands Airport is close by. The city offers a wide range of recreational amenities. The Assembly Rooms and Playhouse offer a wide variety of shows, concerts and productions to suit all tastes. Other nightlife centres around two multi-screen cinemas, various nightclubs, several traditional public houses and excellent restaurants in the city centre and throughout the county. There are various social and cultural facilities, museums, stately homes, castles, gardens and numerous places of historical and archaeological interest. There are first class facilities for sport enthusiasts within Southern Derbyshire including Derbyshire County Cricket Club and Derby County Football. Housing is both plentiful and reasonably priced, with a choice of country village settings and modern hustle and bustle of city life, with the larger cities of Nottingham and Leicester within easy access. There are many good schools, primary and secondary, both state and private.

To find out more about Derby, use the following links: Derby City Council www.derby.gov.uk
Zoopla (Guide to property in the local area) <http://www.zoopla.co.uk/>

University Hospitals of Derby and Burton NHS Foundation Trust

University Hospitals of Derby and Burton NHS Foundation Trust was formed on 1 July 2018 to bring together our five hospitals – in Derby, Burton, Lichfield, and Tamworth – to provide the highest quality care to patients across southern Derbyshire and South East Staffordshire.

The University Hospitals of Derby and Burton NHS Foundation Trust is one of the largest employers in the region with more than 12,000 staff and treats in excess of a million patients each year.

Our aim is to bring together the expertise of our 12,300 staff to provide the highest quality care to patients within Derbyshire and South-East Staffordshire. All our employees are expected to demonstrate the following behaviours: Compassion, Approachable, Respect, Excellence – the C.A.R.E. values:



Our VISION is to deliver exceptional care together.



Our CARE values are central to everything we do. They are about delivering Compassionate care, with an Approachable attitude, showing Respect, and striving at all times to deliver Excellence in everything we do.



Our PRIDE objectives are about putting patients first, making sure we get it right first time, investing our resources wisely, developing our people and ensuring value through partnerships.

Equality, Inclusion and Diversity

University Hospitals of Derby and Burton NHS Foundation Trusts is fully committed to promoting inclusion, equality, diversity and human rights in employment and delivery of its services. The Trust is committed to providing an environment where all employees, patients, carers, and visitors experience equality of opportunity by means of understanding and appreciating the value of diversity.

The Trust works to eliminate all forms of discrimination in line with the Equality Act 2010, and recognises that this requires, not only a commitment to remove discrimination, but also action through positive policies to redress inequalities. The Trust actively encourages its employees to challenge discrimination and promote equality of opportunity for all.

Employees of the Trust are required to comply with its policies and values around equality, inclusion, diversity, and human rights. Failure to do so will be treated as misconduct under the Trusts' Disciplinary Policy and Procedure, which may result in dismissal."

Freedom to Speak up

The Trust is committed to listening to our staff and learning lessons. There are a variety of ways in which concerns can be raised in person, by phone or in writing (including email). We also have a Freedom to Speak Up Guardian who works with Trust leadership teams to create a culture where staff are able to speak up in order to protect patient safety and empower workers. Full details can be found on the Trust Intranet.

Data Protection

Organisations are required to comply with the General Data Protection Regulations; the UK Data Protection Act 2018; all other data protection legislation and other local policies and procedures regarding the handling of information. All employees retain the right to request information held about them.

Enquiries should be addressed to Professor Charlotte Bolton
charlotte.bolton@nottingham.ac.uk

Confidentiality

The Trust requires all staff to maintain a high standard of confidentiality, and any disclosure of information outside the proper and recognised course of duty will be treated as a serious disciplinary offence.

Infection Control

The prevention and management of infection is a key priority for the Trust. As an employee of the Trust, you have a responsibility to:

- ensure that your work methods are compliant with the Trust's agreed policies and procedures and do not endanger other people or yourself
- be aware of infection prevention and control policies, practices, and guidelines appropriate for your duties and you must follow these at all times to maintain a safe environment for patients, visitors, and staff
- maintain an up to date knowledge of infection prevention and control, policies, practices, and procedures through attendance at mandatory training and on-going continuing professional development
- challenge poor infection prevention and control practices of others and to report any breaches, using appropriate Trust mechanisms (e.g. incident reporting policy).

Health and Safety at Work Act

All staff must not willfully endanger themselves or others whilst at work. Safe practices and precautions must be adhered to.

Smoke Free Trust

The smoke free policy applies to staff, patients, resident's visitors, and contractors.

Trust Policies and Procedures

All employees are expected to comply with appropriate Trust policies and procedures, to attend the Trust Induction Programme and to comply with mandatory training in relation to these policies and procedures.

Further Information

To find out more about the Trust, please visit www.uhdb.nhs.uk

To find out more about Derbyshire or Staffordshire please visit www.derby.gov.uk or www.enjoystaffordshire.com

Academic Clinical Fellowships at the University of Nottingham



Enquiries should be addressed to Professor Charlotte Bolton
charlotte.bolton@nottingham.ac.uk