

Job title	Clinical Research Fellow in Respiratory Medicine	Job family and level	Clinical Academic, Medical Research Fellow
School/ Department	School of Medicine/ Translational Medical Sciences, Academic respiratory medicine.	Location	Academic respiratory medicine, Clinical Sciences Building, Nottingham City Hospital

Purpose of role

The post is available as part of a multi-centre HORIZON Europe grant. The post will be based in Respiratory Medicine in the Clinical Sciences Building at Nottingham City Hospital. We conduct bench to bedside research in several major respiratory disease areas including asthma, COPD, respiratory infections, CF / bronchiectasis, interstitial and rare lung diseases as well as lung cancer. Further information can be found on the website [Respiratory Medicine - The University of Nottingham](#)

You will use large datasets to look at ways that people may benefit from lung cancer screening and receive training in various aspects of lung cancer policy and clinical lung cancer care. Training will be offered in statistical methods, large database analysis and cost effectiveness modeling. There will be opportunities to collaborate with and learn from researchers from other European academic and clinical centres (including in Finland and Spain) as part of the HORIZON grant. Further information on the consortium partners and different project work packages is available via the website- [PHASE IV AI – Privacy Compliant Health Data As A Service For AI Development](#). Applicants are encouraged to discuss the details with the project leads: Dr Emma O’Dowd emma.odowd@nottingham.ac.uk and Professor David Baldwin david.baldwin@nottingham.ac.uk.

You will be expected to plan and conduct work using approaches or methodologies and techniques appropriate to the type of research and will be responsible for writing up your work for publication.

People: You will join an established team of clinical researchers and senior academic staff within the academic respiratory medicine department, alongside a group of clinical research fellows and non-clinical PhD students training in respiratory medicine.

Academic Respiratory Medicine includes Dr Emma O’Dowd (Clinical Associate Professor); Professor Tricia McKeever (non-clinical Professor); Professor Thomas Meersman (non-clinical Professor), Dr Galina Pavlovskaya (non-clinical Associate Professor), Drs Rachel Clifford, and Amanda Tatler (Senior Research Fellows); Drs Irete Adejumo Amanda Goodwin and Frances Grudzinska (NIHR Clinical Lecturers) and Dr Sophie Middleton (Clinical Assistant Professor).

You are joined by clinical colleagues including Professor David Baldwin (Honorary Clinical Professor), Professor WeiShen Lim (Honorary Clinical Professor), and Dr Gauri Saini.

Academics within the University’s Centre for Respiratory Research include: Professor Simon Johnson (Clinical Professor and BRC respiratory theme co-lead), Professor Charlotte Bolton (Clinical Professor and BRC respiratory theme co-lead), Professor Ian Hall (Clinical Professor), Professor Tim

Harrison (Clinical Professor), Professor Ian Sayers (non-clinical Professor) and Dr Helen Barr (Clinical Associate Professor).

Facilities: We have clinical research facilities in the Clinical Sciences Building at the City Hospital where the research fellow will be based. Due to the nature and complexity of the data being used the fellow is required to work at a university computer within the department rather than remotely.

Track record:

The academic respiratory medicine department at the University of Nottingham has a very strong record in producing high quality research, which have led to clinical and policy changes. Work from the lung cancer team has influenced the development of the National Optimal Lung Cancer Pathway to reduce variation in lung cancer diagnoses, in addition to work on the NICE Guideline for the diagnosis and management of lung cancer.

Links with other developments

You will have the opportunity to use your initiative and creativity to identify areas for research, develop research methods and extend your research portfolio.

In addition to core project delivery, you will be able to develop your own research interests and pursue your curiosity to produce a body of work worthy of a higher degree. You will be supported to complete a higher degree (PhD/ DM). PhD/DM training for clinicians in the School of Medicine is closely supervised and carefully structured. Clinical DMs/PhDs in Nottingham are mainly through original research and publication, and defense of a thesis. There is also a compulsory taught course component, N-TRANS, developed specifically for medically qualified graduates involved in translational research.

This post does not carry its own National Training Number (NTN). Any appointee who has already successfully been deemed appointable at national clinical recruitment and who already holds a National Training Number (NTN) will be expected to apply to their host clinical training programme for out of programme for research (OOPR). Further information on the OOPR process is available from an NTN holder’s clinical training programme director in the region in which the NTN is currently held.

Hours of work are full time and will be offered on a fixed term contract of three years.

Assessment of Academic Competencies

All Clinical Research Fellows within the School of Medicine agree on a personal development plan with their academic and clinical supervisors and undergo annual appraisal (through relevant University processes).

Clinical Research Fellows who hold NTN and who are undertaking the post as ‘OOPR’ are required to undertake an OOPR ARCP each year.

	Main responsibilities (Primary accountabilities and responsibilities expected to fulfil the role)	% time per year
1	Research Responsibilities: <ul style="list-style-type: none">To manage, plan and conduct own research activity using recognised approaches, methodologies and techniques within the research area. To resolve problems, in meeting research objectives and deadlines in collaboration with others.	65%

	<ul style="list-style-type: none"> To identify opportunities and assist in writing bids for research grant applications. Prepare proposals and applications to both external and/or internal bodies for funding, contractual or accreditation purposes. Register for a clinical PhD/DM and work towards obtaining this higher degree. 	
2	<p>Engagement, Communication and Continuation Responsibilities:</p> <ul style="list-style-type: none"> To write up research work for publication and/or contribute to the dissemination at national/international conferences, resulting in successful research outputs. To collaborate with academic colleagues on areas of shared interest for example, collaborative or joint research projects. Organisation of patient visits and patient and public involvement activity relevant to the research projects. 	25%
3	<p>Teaching:</p> <ul style="list-style-type: none"> In balance with wider contributions to research and other activities, you are expected to make a contribution to teaching such as supervise, examine and act as the personal tutor to undergraduate and postgraduate taught students within own area of expertise. 	10%
4	<p>Other:</p> <ul style="list-style-type: none"> Any duties as required in accordance with the nature and grade of the post We recognise the importance of continuous professional development and therefore the importance of providing opportunities, structured support and encouragement to engage in professional development each year 	

Person specification

	Essential	Desirable
Skills	<ul style="list-style-type: none"> • Excellent oral and written communication skills, including the ability to communicate with clarity on complex information. • Ability to creatively apply relevant research approaches, models, techniques and methods. • Ability to build relationships and collaborate with others, both internally and externally • High analytical ability to analyse and illuminate data, interpret reports, evaluate and criticise texts and bring new insights. • Ability to assess and organise resource requirements and deploy effectively • Ability to work efficiently with initiative and without close supervision. • Evidence of clinical training at core training level or equivalent • Current good clinical practice (GCP) training must be in post before taking up the role. • Experience at Higher Specialty Training (Registrar) level in Respiratory medicine or equivalent. 	
Knowledge and experience	<ul style="list-style-type: none"> ▪ Demonstrable interest in medical research. • Some practical experience of applying the specialist skills and approaches and techniques required for the role. • Experience in use of research methodologies and techniques to work within area. 	<ul style="list-style-type: none"> • Presentation of research at national/international meetings • Previous success in gaining support for externally funded research projects • Experience of developing new approaches, models, techniques or methods in research area.

	<ul style="list-style-type: none"> • At least six months working in a substantive post in the UK National Health Service • Experience of clinical area (Respiratory) 	<ul style="list-style-type: none"> • Publications in peer reviewed literature on lung cancer screening
Qualifications, certification and training (relevant to role)	<ul style="list-style-type: none"> • MBBS or equivalent with full registration • Medically qualified, GMC registered • MRCP(UK) / MRCP (CH) or equivalent • U.K National Training Number (NTN) in Respiratory Medicine or recent certificate of completion of training (CCT) in Respiratory Medicine • Evidence of academic performance during clinical training 	<ul style="list-style-type: none"> • BSc, BMedSci or equivalent integrated/intercalated degree
Statutory, legal or special requirements	<ul style="list-style-type: none"> • Meets professional health requirements (in line with GMC standards/ Good Medical Practice) • Satisfactory enhanced disclosure from the Disclosure and Barring Service • Full GMC registration with a licence to practice at the time of appointment. 	
Other	<ul style="list-style-type: none"> • Demonstration of the potential and the ability to work within a research team • A clear understanding of how to relate the principles of safeguarding, the Mental Capacity and Equality Acts to clinical practice. 	

	<ul style="list-style-type: none"> Willingness to adopt the vision and values of the School of Medicine 	
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Expectations and behaviours

The University has developed a clear set of core expectations and behaviours that our people should be demonstrating in their work, and as ambassadors of the University's strategy, vision and values. The following are essential to the role:

Valuing people

Is always equitable and fair and works with integrity. Proactively looks for ways to develop the team and is comfortable providing clarity by explaining the rationale behind decisions.

Taking ownership

Is highly self-aware, looking for ways to improve, both taking on board and offering constructive feedback. Inspires others to take accountability for their own areas.

Forward thinking

Driven to question the status quo and explore new ideas, supporting the team to "lead the way" in terms of know-how and learning.

Professional pride

Sets the bar high with quality systems and control measures in place. Demands high standards of others identifying and addressing any gaps to enhance the overall performance.

Always inclusive

Ensures accessibility to the wider community, actively encouraging inclusion and seeking to involve others. Ensures others always consider the wider context when sharing information making full use of networks and connections.

Key relationships with others

