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| THE UNIVERSITY OF NOTTINGHAM  RECRUITMENT ROLE PROFILE FORM |

**Job Title** Lung Cancer Clinical Research Fellow (Fixed-term)

**School/Department:** School of Medicine, Division of Epidemiology and Public Health

**Salary:** £31,301 – £54,199 per annum, depending on skills and experience

**Job Family and Level:** Clinical Academic, Medical Research Fellow

**Contract Status:** This post is due to commence with effect from 1st Jan 2016 at the earliest and will be offered on a fixed-term contract to 31 December 2018

**Hours of Work:** Full-time(38.5 hours per week)

**Location:** Epidemiology and Public Health, Nottingham University Hospitals, Clinical Sciences Building, City Hospital, Nottingham

**Reporting to** Professor of Respiratory Epidemiology,   
Associate Professor of Medical Statistics,   
NHS Professor of Respiratory Medicine

**Purpose of the New Role:**

This exciting project, funded by the John Turland Fellowship and the Roy Castle Lung Cancer Foundation will use the National Lung Cancer audit to aim to improve the care for people in the UK with lung cancer. The National Lung Cancer Audit (NLCA) collects data on more than 90% of people with lung cancer. We will link the NLCA to the new Systemic Anti-Cancer Treatment (SACT) dataset to produce, for the first time, a large, contemporary dataset with detailed information on the provision of chemotherapy in England and Wales. Using these data we will study in detail access to these treatments, and assess the independent effects of patient features, trust features and geographical region. Finally we will quantify the risk of early death and longer-term survival associated with these treatments.

The person appointed will be required to work both independently, but supervised appropriately, as well as working as part of a multi-professional team including clinicians, epidemiologists, statisticians and qualitative researchers.

The successful candidate may be at any stage in their clinical postgraduate training but would be most suited to those approaching, or undertaking core higher specialist training (ST2-5) – either in respiratory medicine or oncology. The successful candidate will be encouraged to register for a higher degree.

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|  | **Main Responsibilities** | **% time per year** |
| 1. | Manage the day-to-day running, in collaboration with the research team, of the collection of clinical data for this study. This will include protocol development, appropriate approvals (such as ethical, regulatory and NHS) and record keeping, conference presentations and journal submissions. | 80% |
| 2. | Organise and deliver presentations, to appropriate groups, informing of the aims and protocols for the study. | 10% |
| 3. | Clinical education and audit | 5% |
| 4. | You are expected to make a contribution to teaching that is in balance with wider contributions to research and other activities. | 5% |

**Knowledge, Skills, Qualifications & Experience**

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|  | **Essential** | **Desirable** |
| **Qualifications/ Education** | MBBS or equivalent medical qualification  Evidence of achievement of Foundation competences from a UKFPO affiliated Foundation Programme or equivalent by time of appointment in line with GMC standards/ Good Medical Practice  Evidence of good progress of competences and passed MRCP | 1st class or 2:1 honours in BSc, BA in medically relevant discipline1 or in BMedSci  Distinction or honours during undergraduate medical degree programme |
| **Skills/Training** | Evidence of demonstrable skills in written and spoken English adequate to enable effective communication about medical topics with patients and colleagues  Evidence of team working skills | Applicant is training towards CCT in respiratory medicine or oncology |
| **Experience** | Ability to provide a complete employment history  Evidence that present achievement and performance is commensurate with totality of period of training | Experience of undertaking presentations of original research at national scientific meetings |
| **Statutory/Legal** | Meets professional health requirements (in line with GMC standards/ Good Medical Practice  Eligible for full registration with the GMC at time of appointment and hold a current licence to practice  Satisfactory enhanced disclosure from the Disclosure and Barring Service |  |
| **Other** | Willingness to adopt the Ethos and Principles of the School of Medicine to improve the student experience. |  |

**Decision Making**

i) taken independently by the role holder

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| * Communicate and work collaboratively with all members of the research team. * Maintain patient confidentiality at all times, including the safe handling of study data. * Day-to-day study management to maintain a high standard of care. * Conduct clinical studies within ICH GCP guidelines and DOH Research Governance requirements. * Maintain accurate documentation for study data collection. * Comply with University Health and Safety policies, including yearly attendance at Fire Safety Lectures and Infection Control training. * Identify and maintain support networks and clinical supervision. * Be responsible for maintaining personal and professional development. * Reflect on own practice and identify any educational or development needs in relation to this role |

ii) taken in collaboration with others

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| * Assist with quality assurance, audit programmes and managing resources and budgets, when necessary. * Ensure that any individual training and educational needs are met to ensure clinical competence and expertise. * Attendance at monthly project meetings including presentation of study data. * Day-to-day processes and procedures, including quality assurance measures, data storage and archiving protocol * Methods concerning data collection and analysis * Participation in conferences and training courses * Proposals and applications for grant funding * Individual short-term requests to administrative staff * Research activities undertaken by students or collaborators * Evaluation of and decisions about purchasing new equipment and research resources |

iii) referred to the appropriate line manager by the role holder

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| * Purchases required for study * Major publication decisions concerning conference abstracts, journal articles, book chapters etc * Longer-term project management and appropriate working methods * Development of research instruments * Development of proposals to extend specific research projects * Research strategy of the specific research area * Any changes to protocols |

**Appendix 1**

**The University of Nottingham**

The University of Nottingham is a global-leading, research-intensive university with campuses in the UK, Malaysia and China. Our reputation for world-class research has yielded major scientific breakthroughs such as Nobel-winning MRI techniques, drug discovery, food technologies and engineering solutions for future economic, social and cultural progress.

Already ranked among the UK’s elite universities and global polls for research excellence, our reputation for world-class research has been further enhanced with the 2014 results of the Research Excellence Framework (REF).

In addition to scoring highly in quality rankings covering major disciplines in science, engineering, the social sciences, medicine, business and the arts, it is Nottingham’s research power rankings which demonstrate the impressive volume of excellent research which is carried out. We are now ranked 8th in the UK on a measure of ‘research power’ which takes into account both the quality of research and the number of research-active staff who made REF returns, confirming Nottingham’s place in the top tier of the world’s elite higher education institutions.

The main University campus is set beside a lake, in an extensive belt of woodland, parks and playing fields. The 330 acre University Park Campus is the focus of life for more than 32,000 students and houses the majority of the University’s academic schools and many of the central Services. The Jubilee campus is situated 2 miles away from the University Park, and provides extra capacity. The University Medical School is situated next to the University Park. Together with the University Hospital, it forms the Queen’s Medical Centre (QMC).

**University of Nottingham Medical School**

Nottingham has a strong reputation for both clinical medicine and teaching. As one of the most popular medical schools in the country, it is able to select excellent students and produce and attract good junior doctors.

**The School of Medicine** was formed following Faculty reconfiguration on August 1st 2013. The new School of Medicine comprises the Divisions of Cancer and Stem Cell Sciences, Child Health, Obstetrics and Gynaecology; Clinical Neuroscience; Epidemiology and Public Health; Primary Care; Psychiatry and Applied Psychology; Rehabilitation and Ageing; Medical Sciences and Graduate Entry Medicine; Respiratory Medicine; Rheumatology, Orthopaedics and Dermatology and the Nottingham Digestive Diseases Centre. The School also hosts the Medical Education Centre, the Centre for Interprofessional Education and Learning, the Clinical Research Facility, the Clinical Skills Centre, NIHR design Service East Midlands, Nottingham Clinical Trials Unit, PRIMIS and Medical Imaging Unit.

The new School of Medicine brings together in one School staff undertaking research for the benefit of the health of patients. It includes all primary care and hospital-based medical and surgical disciplines, principally in the Queen’s Medical Centre and City Hospital Nottingham Campuses, Royal Derby Hospitals NHS Foundation Trust and also at the University’s main campus and at the King’s Meadow and Jubilee Campuses. Most of our School’s Senior Researchers and Teachers are also clinicians who dedicate 50% of their time to patient care within the Nottingham University Hospitals NHS Trust & Royal Derby Hospitals NHS Trust. This close juxtaposition brings cutting-edge clinical care to our patients and clinical relevance to our research and teaching. We are closely integrated with our full time NHS clinical colleagues, many of whom are themselves leaders in research and teaching and who work closely with the University and this increases the mutual benefit from integration between the University and NHS.

Mission:

Our mission is to improve human health and quality of life locally, nationally and internationally through outstanding education, research and patient care.

Priorities:

1. **Teaching and learning**, particularly training tomorrow’s doctors and teaching specialised postgraduates
2. **Research and research training:** We will perform and support the highest quality “big” research which impacts on human health and disease
3. **Partnership with the NHS** and other healthcare providers
4. **Visibility and profile of the School of Medicine:** We will do what we do better, and we will tell others about it

Ethos and principles:

1. **Having people and patients at the heart of all we do**: our teaching and learning, our research and our patient care
2. **Contribution within the School of** **Medicine and to society** beyond our immediate roles; helpfulness and service
3. **Openness and fairness**, with particular emphasis on communication (both internal and external) and on equality and diversity among students and staff
4. **Personal and group responsibility** for all aspects of our work, within a culture of opportunity and reward

Our research spans 11 major themes, ranging from cancer to vascular medicine. We work closely with industry and the NHS. Our world-leading research ranges from basic and translational science through to clinical trials, epidemiology, and health services research. Our clear theme is improving human health, underpinning a vibrant postgraduate research training programme leading to PhD or DM. Many of our academics are clinicians, using their expertise to provide cutting edge specialised treatment to NHS patients; reflecting our ethos that patients are at the heart of all we do.

In the 2014 Research Excellence Framework the four Units of Assessment included in the School of Medicine were among the six most improved in the whole University since RAE 2008: Over 80% of our research in 2014 was graded as world-leading or internationally excellent. Our research spans 11 major themes and ranges from basic and translational science through to clinical trials, epidemiology, and health services research. We work closely with industry and the NHS. Our research is underpinned by a strong postgraduate research training programme leading to PhD or DM. Our major research themes are in Cancer and Stem Cells; Child Health, Obstetrics & Gynaecology; Clinical Neurosciences; Dermatology; Digestive Diseases; Epidemiology and Public Health; Mental Health; Musculoskeletal physiology and disease; Primary Care; Rehabilitation and Ageing; Respiratory Medicine; and Renal Medicine.

The School of Medicine trains tomorrow’s doctors on a vibrant undergraduate medical course with a unique intercalated BMedSci, as well in a specialised graduate-entry programme built around clinical problem solving. We teach medicine and related disciplines at both undergraduate and postgraduate level. We have a dedicated clinical academic training programme and are committed to training PhD and doctoral research students and to supporting postdoctoral clinicians and scientists in their research.

The School of Medicine holds a Bronze Athena SWAN award in recognition of our commitment to advance the representation of women in science, technology, engineering, medicine and mathematics (STEMM). The award reflects our commitment to promoting equality and diversity. Please see <http://www.nottingham.ac.uk/medicine/about/athena-swan.aspx>.

Professor John Atherton is Dean of the School of Medicine.

For further information, please see our website <http://www.nottingham.ac.uk/medicine>

**Appendix 2**

**Nottingham University Hospitals NHS Trust**

The Nottingham University Hospitals NHS Trust is one of the largest hospital Trusts in the UK with an annual budget of more than £500 million, a total of 2,200 hospital beds across both campuses and over 11,500 staff. NUH is a major teaching Trust, enjoying close links with the region’s Universities and attracting and developing the highest calibre of staff. The work carried out at NUH has led to a reputation for excellence and is making a very real difference to people’s lives. NUH is also a cancer centre – a major element of the Mid-Trent Cancer Network.

The Trust works in close association with the University of Nottingham and the University of Derby. There are very strong links with nursing and midwifery training, which is part of the University of Nottingham Faculty of Medicine and Health Sciences, and with the locally-based Schools of Physiotherapy, Radiology and Radiotherapy.

The following two sections describe the services and facilities currently at the two campuses. However, there are ongoing discussions about the future development and location of clinical services, as a result of which some services or parts of services may relocate to the other campus.

1. **City Hospital Campus**

The City Hospital Campus offers a wide range of clinical services to the local population of greater Nottingham, plus a much larger population in such specialties as plastic surgery and burns, cardio-thoracic surgery, cancer, renal, breast services, clinical genetics and neonatology.

There is no Accident and Emergency department on the campus, although the hospital does take medical and surgical emergency patients referred by GPs or from other acute hospitals.

The Nottingham City Hospital campus has a long association with the city of Nottingham. It first opened in 1903 and the buildings are a mixture of old and new, although services have recently benefited from huge investment in improving the facilities for patients. These developments include the purpose-built Endoscopy Centre, Nottingham Breast Institute, Nottingham Urology Centre, Trent Cardiac Centre, Short Stay Unit, Centre for Clinical Haematology and PET scanner. New staff residences are also currently being built on site.

Research interests at the City campus include oncology, respiratory medicine, clinical haematology, rheumatology, diabetes/endocrinology, stroke medicine, urology, breast cancer and mineral metabolism. Professors in the following specialities are based on this site - Surgical Science, Respiratory Medicine, Microbial Diseases, Obstetrics and Gynaecology, Oncology, Medical Genetics and Stroke Medicine. In addition, there are academic departments of Haematology, Rheumatology, Continuing Care and Anaesthetics.

City Hospital is home to training centres in breast screening techniques and cardiac surgery and the Trust is a Cancer Centre, forming part of the Mid-Trent Cancer Network.

The City Hospital campus has a variety of facilities for the use of patients, visitors and staff. There is a restaurant, coffee bars selling hot and cold snacks, WRVS stalls and a hospital shop. In addition, the Doctors’ Mess has its own snack bar and mobile snack bars visit most wards and departments. There is a cash machine located outside the main out-patients department.

1. **Queen’s Medical Centre Campus**

As well as the hospital, the QMC building, which opened in 1978, also houses the University of Nottingham Medical School.

Clinical services provided within QMC include a very substantial emergency workload, particularly in medical admissions. Within the Medical Division services include the Emergency Department, Medicine, (including Cardiovascular, Respiratory, Gastroenterology, Diabetes and Endocrinology, Haematology, Rheumatology, Immunology, Palliative Care,) Dermatology, Intensive Care and Health Care of the Elderly. Within the Surgical Division services include Surgery, (including Vascular, Colorectal and Hepato pancreatic biliary,) ENT, Ophthalmology, Maxillofacial, Trauma & Orthopaedics, (including Spinal,) and Neurosciences. Within the Family Health Division, services include Obstetrics and Fetomaternal Medicine, Gynaecology, (including Fertility Services), Child Health (including Neonatology and Paediatric Surgery) and Occupational Health.

The QMC site has constantly developed the services it provides to enable it to meet the needs of its patients both now and for the future. Queen’s has the only Emergency Department for the city. In 2008, the new Nottingham NHS Treatment Centre opened on the QMC campus. The treatment centre is managed by an independent sector provider.

There are a number of facilities provided in QMC, including a Newsagent, Coffee shop/Sandwich bar, Clothes shop, Bank (National Westminster, open daily from 10.30 – 3.30pm) and a Pharmacy shop. There is a large dining area, Cyber Café, roof garden and an active Doctors’ Mess with kitchen, PCs with Internet access, sitting room, billiard tables, and television.

**Nottingham NHS Treatment Centre**

In 2008 the new Nottingham NHS Treatment Centre opened on the QMC campus. The Treatment Centre is managed by an Independent Sector Provider. Some routine outpatient and day case work takes place in the Treatment Centre. Staff remain the employees of the University with Honorary contracts with the NUH NHS Trust.

**Conditions of Service and Governance**

The successful candidate will be offered an Honorary Contract with Nottingham University Hospitals NHS Trust under their terms and conditions. When undertaking clinical duties on this basis within the Trust, the person appointed will be expected to adhere to local policies and procedures and to take note of the standing orders and financial instructions of the Trust.

Nottingham University Hospitals NHS Trust 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 directorate and each directorate 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 Clinical Director (Dr J Evans) is managerially responsible for all activity and personnel in the directorate in which the appointee will work. The Medical Director, Dr Stephen Fowlie, has overall responsibility for the professional performance of clinicians, including of those holding Honorary Contracts with NUH. All clinicians are expected to comply with management arrangements in place, to follow the guidelines on practice laid down by the General Medical Council’s “Maintaining Good Medical Practice”, and to be accountable to the Trust for their actions and the quality of their work. A yearly Joint Clinical and Academic Appraisal is carried out.

**Post-graduate facilities**

Nottingham University Hospitals NHS Trust fully supports and recognises the importance of continuing professional development for Consultants and career-grade staff. The facilities available to support this include two large purpose-built Postgraduate Centres. The Trust encourages consultants to participate actively in Continuing Medical Education activities both within the Trust and externally and the provision of study leave is managed by a Trust Study Leave Committee administered within the Postgraduate Centres.

The Postgraduate Centre at the City Campus provides an excellent educational environment for multidisciplinary conferences and seminars, postgraduate medical education and continuing medical education. It also provides a base for the Nottingham Vocational Training Scheme for General Practice, as well as teaching facilities and common room for undergraduate students of Nottingham University Medical School and a brand new Clinical Skills Centre.

The Postgraduate Centre at Queen’s Medical Centre Campus contains eleven meeting rooms of varying sizes and audio-visual equipment including video-conferencing.

The large Greenfield Medical library is situated in the Medical School within QMC. This has an excellent retrieval service and arranges inter-library loans. All members of the hospital medical and dental staff have free access and borrowing rights. Audio Visual services are provided from the Medical Photography department located in the Medical School which has photographic, medical illustration and video recording facilities as well as a service in support of presentation materials.

**The Trent Simulation and Clinical Skills Centre** opened in April 2004 – a state of the art simulation centre and clinical skills facility. It is a two-storey extension to the Postgraduate Education Centre and the regional centre within Trent for advanced human patient simulation training offering a range of specialty specific and inter-professional courses.

The high fidelity adult and paediatric simulators use sophisticated computers to create a life like medical environment allowing realistic scenarios to be reproduced and enacted. The patient simulator can be used to provide an extensive range of educational modules including events /scenarios involving the cardiovascular, metabolic, pulmonary, neurological and renal systems as well as trauma and airway events. In addition to normal physiology, a variety of pathological states can be superimposed to provide realistic, potentially life threatening scenarios and thereby challenge participants using complex clinical situations. The control room operator guides the simulation in real time thereby modelling patient responses to unfolding events. The simulation is recorded on video to enable a thorough analysis and debriefing to take place.