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| THE UNIVERSITY OF NOTTINGHAM  RECRUITMENT ROLE PROFILE FORM |

**Job Title:** Clinical Research Fellow in Acute Medicine (2 posts, fixed term)

**School/Department:** School of Medicine

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

**Contract Status:** The posts will be offered on a fixed-term contract for a period of 2 years (subject to satisfactory review after 12 months)

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

**Location:** Queen’s Medical Centre

**Reporting to:** Professor Y R Mahida and Dr I Le Jeune

**Introduction**

The University of Nottingham seeks applications for two Clinical Research Fellowships. These Fellowships are jointly funded by Nottingham University Hospitals NHS Trust and the University of Nottingham. The successful candidates will be expected to register for a higher degree (MD/PhD) with the University of Nottingham and will be encouraged to prepare applications for nationally competitive Clinical Research Training Fellowships. In addition to research, the work will involve some clinical commitments in Acute Medicine.

Research and training will be related to the field of Acute and Emergency Medicine. The University has senior staff across a number of departments including, for example, infection, immunity and inflammation, with considerable experience of successful support/supervision of MRC/charity Research Training Fellowships. Together with Acute/ Emergency Medicine Consultants with an interest in such activities they will be able to help guide appointees in the development of their research project. Under guidance/supervision, the successful candidate will develop a programme of original research, which will enable registration for a higher degree (MD/PhD).

Clinical work will involve an on-call commitment at Specialist Registrar level in Acute Medicine equivalent to a 12 hour shift per week (including week-ends). The rest of the working time will be committed to research.

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|  | **Main Responsibilities** | **% time per year** |
| 1. | Undertake research, research training and associated activities | 70% |
| 2. | On-call in Acute Medicine | 30% |
| 3. | You are expected to make a contribution to teaching that is in balance with wider contributions to research.  In this role it is expected that you would contribute to student teaching in the clinical environment and support BMedSci projects. |  |

**Knowledge, Skills, Qualifications & Experience**

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|  | **Essential** | **Desirable** |
| **Qualifications/ Education** | MBBS or equivalent medical qualification  MRCP or equivalent | BSc or equivalent intercalated degree.  Evidence of exceptional academic performance during training. |
| **Skills/Training/ Experience** | Achievement of Foundation and Core Medical Training competences, or equivalent, by time of appointment – to enable on-call commitments in Acute Medicine at Specialist Registrar level. | Experience in Acute Medicine at Specialist Registrar level. |
| **Research/ Publications** | Interest in medical research.  Demonstration of good general knowledge / broad interest in science and academic medicine. | Research publications.  Presentation of abstracts at research meetings. |
| **Personal skills** | Capacity to work cooperatively with others in different academic / clinical disciplines  Demonstrates an analytic approach to practice. Capacity to bring a range of approaches to solving problems  Good communication (written and oral) and time management skills  Capacity to manage acute situations under pressure. Demonstrates initiative & resilience to cope with changing circumstances  Capacity to achieve a balance between urgent and important demands | Achievements relevant to Acute and Academic Medicine.  Academic prizes or distinctions. |
| **Probity/ other** | Takes responsibility for own actions  Displays honesty, integrity & awareness of ethical issues  Understands importance of confidentiality & consent, research governance  Demonstrates reflective approach to practice & commitment to personal development |  |
| **Statutory/Legal** | Satisfactory enhanced disclosure from the Disclosure & Barring Service  Full GMC registration with a license to practice at the time of appointment |  |
| **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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| Time management  Prioritisation of own workload  Literature search  Writing reports  Research and experimental work after relevant training  Some clinical decisions (at Specialist Registrar level) while on-call |

ii) taken in collaboration with others

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| Identification and development of a research project and Research Training Fellowship applications to external funding bodies.  Execution of research project, including planning experiments, data analysis, writing manuscript. |

iii) referred to the appropriate line manager (please name) by the role holder

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| For matters related to research and research training: Professor Y R Mahida.  Regarding clinical commitments: Dr I Le Jeune. |

For informal enquiries please contact Professor Y R Mahida (yash.mahida@nottingham.ac.uk) or Dr I Le Jeune (Ivan.LeJeune@nuh.nhs.uk).

**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 2008 results of the Research Assessment Exercise (RAE).

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 increase in research power rankings which demonstrate the impressive volume of excellent research which is carried out. We are now ranked in the Top 7 of all British universities and are one of only two institutions to move into the UK Top 10 since 2001 – an increase of seven places, making us the highest mover of any university.

Following the RAE results, 90% of all research at Nottingham has been classified of an ‘international standard’ and 60% as ‘world-leading’ or ‘internationally excellent’.

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 Faculty of Medicine and Health Services** is organised into four academic schools, namely the Schools of Health Sciences, Life Sciences, Medicine and Veterinary Medicine & Science. Wide ranging research in the Faculty covers areas from basic sciences to clinical translational research in which 800 postgraduate research students are supervised and research of £43m is undertaken per annum.

The Faculty provides advanced research facilities and associated expertise to underpin cutting-edge research. These include next generation high throughput gene sequencing and bioinformatics support, high content screening for drug discovery, a wide range of imaging modalities, such as MRI and PET CT, for human and advanced animal research. The dedicated Clinical Trials Unit and Clinical Research Facility are funded in partnership with Nottingham University Hospitals NHS Trust. The Faculty's research platforms make important contributions in three of the University's Research and Knowledge Transfer Strategic Priority Areas: Biomedical Imaging, Clinical Translational Research and Drug Discovery.

### **The School of Medicine**

### 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, NIHR design Service East Midlands, 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

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.

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.

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.

**Clinical Management Arrangements in the Nottingham University Hospitals NHS Trust**

The management of the Nottingham University Hospitals NHS Trust is organised via a structure of ten Directorates, which contain all the clinical departments. Acute Medicine is part of the Acute Medicine Directorate.

The Directorate Management Team is as follows:

General Manager Simon Evans

Clinical Director Demas Esberger

Service Lead Ivan Le Jeune

**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 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.

**Appendix 3**

**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 <http://www.experiencenottinghamshire.com/>

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/index.aspx?articleid=8524>