

**THE UNIVERSITY OF NOTTINGHAM
RECRUITMENT ROLE PROFILE FORM**

Job Title:	Assistant Professor in Epidemiology or Medical Statistics
School/Department:	School of Medicine, Division of Epidemiology and Public Health
Job Family and Level:	Research & Teaching, extended level 5
Contract Status:	1 st October 2017 to 30 th September 2020
Hours of Work:	Full time (will consider part-time, but minimum of 29 hours per week)
Location:	Division of Respiratory Medicine, Nottingham University Hospitals, Clinical Sciences Building, City Hospital, Nottingham
Reporting to:	Head of Division of Respiratory Medicine and Current Supporting Statistician for Respiratory Medicine

Purpose of the New Role:

This post is funded by the Biomedical Research Centre (BRC). A successful candidate will be an experience medical statistician/epidemiologist with a background in a wide range of experience in design, conduct, analysis of clinical research. The main purpose of the role is to provide design and analyses support to the research conducted within the Respiratory BRC from submission of the grants, data analysis, and writing up research papers. The post holder will be expected to provide support to members of the Respiratory BRC as well as develop their own research. The role will also include the assistance with the delivery of lectures and supervision of research students.

	Main Responsibilities	% time per year
1.	<p>Research</p> <p>The candidate will be expected (either in collaboration with the others or by developing their own portfolio of work) to develop a programme of high quality research.</p> <p>The Candidate is expected to contribute to the divisions goal of enhanced research grant income by:</p> <ul style="list-style-type: none"> • Actively applying for (as Principal investigator or in collaboration with others) research grants to support their/or the divisions research programme • Actively manage, support or contribute to the successful delivery of research projects. • Provide specialist input advice/support (based on their own expertise) to other academics/researchers /research projects (as required) 	75%

	<ul style="list-style-type: none"> Contribute to the divisions output of peer-reviewed journal articles 	
2.	<p>Teaching and teaching related quality assurance</p> <p>This post has the opportunity to teaching commitment to either the undergraduate (UG) medical student teaching in epidemiology and also to the Masters in Public Health course.</p> <p>The role involves face-to-face teaching (generally teaching in small groups of 10-30 in a variety of formats, and relevant teaching-related administrative tasks such as quality assurance of teaching.</p> <p>The lecturer, unless already so trained, will be required to complete formal teaching training resulting in the award of a Postgraduate Certificate in Higher Education.</p> <p>The post holder will be expected to supervise PhD level students, and student research projects.</p>	15%
3.	<p>Line management and administrative responsibilities</p> <p>The new post-holder will be expected to take on a fair share of the administrative and other work of the Division. The post will also provide an opportunity for the candidate to develop generic academic skills in evaluation and research.</p> <p>The new post holder will support this work under direct line management by Head of Division of Respiratory Medicine and Current supporting Statistician for the Respiratory NIHR BRC</p>	10%

Knowledge, Skills, Qualifications & Experience

	Essential	Desirable
Qualifications/ Education	PhD in a subject relevant to Respiratory Medicine – such as epidemiology, health services research, or statistics	
Skills/Training	<p>Demonstrable understanding of the key epidemiological, statistics, and/or clinical research</p> <p>Have excellent communication (written and verbal) and presentation skills.</p> <p>Skills in drafting/contributing to peer reviewed journal articles</p> <p>Skills in drafting/contributing to the development of research protocols/proposals and funding applications.</p> <p>Project management skills</p>	<p>Ability to lead on the drafting of peer reviewed journal articles</p> <p>Specialist skills i.e. statistical skills and abilities that contribute towards research activity and output</p> <p>Ability to analyse biomarkers or big datasets</p> <p>Experience of clinical trials</p>

	Ability to observe and define priorities and timetables in the achievement of strategic and operational objectives, Demonstrable organization skills and abilities.	
Experience	Experience of collaborating effectively with people from a range of different disciplines. Experience of running or being involved in research projects. Experience of leading or collaborating in the writing of peer reviewed journal articles	Experience of taking specific coordination roles in research programmes Demonstrable evidence of developing own research programme/or contributing to a group research theme. Experience of supervising PhD students
Other	Willingness to adopt the Ethos and Principles of the School of Medicine to improve the student experience.	

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 Tony Avery is Dean of the School of Medicine.

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

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>

Faculty of Medicine and Health Sciences, University of Nottingham

Comprising of four schools (School of Health Sciences, School of Life Sciences, School of Medicine and the School of Veterinary Medicine and Science) we undertake research across the full range of health and basic sciences. Overall we teach around 6,000 undergraduate and 900 postgraduate taught students, with our courses being recognised for their innovative and exemplary teaching. Our wide ranging research covers areas from basic sciences to clinical translational research.

Vision

Our vision is to deliver world leading research and inspirational teaching for tomorrow's scientists, doctors, nurses, midwives, physiotherapists and veterinarians.

We will achieve this via our:

- excellent links with industry and the NHS
- talented people – working and learning in a vibrant and supportive academic community
- commitment to inspirational teaching
- outstanding environment and facilities
- advanced research facilities and associated expertise to underpin cutting-edge research

Teaching

Our teaching strategy is to develop graduates who have a thorough grounding in their subject of study, are aware of research, have a critical approach to knowledge, can study independently and have the skills and attributes to be successful in employment. We are particularly keen to ensure that our students have a well-balanced programme of lectures, small group teaching, tutorials and seminars. Laboratory and practical work are intrinsic parts of our undergraduate degrees and are highly valued and enjoyed by our students.

Research

Our wide ranging research covers areas from basic sciences to clinical translational research in which we currently supervise 800 postgraduate research students and undertake research of £43 million 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, and a wide range of imaging modalities such as MRI and PET CTs, 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 four of the University's Research and Knowledge Transfer Strategic Priority Areas:

- Biomedical Imaging
- Clinical Translational Research
- Drug Discovery
- Global Food Security

NHS Partnerships

The work we do depends on strong and effective partnerships with organisations in the East Midlands. In establishing the new Faculty of Medicine and Health Sciences we aim to make our partnerships with the NHS even stronger so that our collective research and education activities deliver the greatest benefits for patients and the public.

Key Facts

- Around 1,700 faculty staff including 1,000 academics
- Over 5,000 students including 3,652 undergraduates (7% international)
- 818 postgraduate taught masters students (22% international)
- 810 research students
- Total research portfolio in excess of £140 million
- Attracted £37.3 million in new awards in 2012-13
- 328 live research projects (2012-13)

These posts have been created as part of a £23.6M NIHR award to Nottingham for a Biomedical Research Centre (BRC). The posts are based at the Nottingham Respiratory Research Unit (NRRU), a translational research centre of Excellence, created in 2008 from funding from the National Institute for Health Research (NIHR).



The University of Nottingham strongly endorses Athena SWAN principles, with commitment from all levels of the organisation in furthering women's careers. It is our mission to ensure equal opportunity, best working practices and fair policies for all.