



ROLE PROFILE

Job Title:	Assistant Professor of Cancer Studies
School/Department:	School of Medicine, Division of Cancer & Stem Cells
Job Family and Level:	Research and Teaching, Extended Level 5
Contract Status:	Permanent
Hours of Work:	Full-time (36.25 hours per week) however applications are also welcome from candidates wishing to work part-time (minimum 18.1 hours per week). Please specify in your application if you wish to work part time and the number of preferred hours.
Location:	Centre for Biomolecular Sciences, University Park
Reporting to:	Head of Division of Cancer and Stem Cells

Purpose of the New Role:

This is an excellent opportunity for you to join the new Centre for Cancer Sciences, an interdisciplinary and multidisciplinary group of 35 academics working on cancer research and education. You will be an enthusiastic, collaborative and innovative scientist with outstanding potential within the fields of tumour microenvironment, cancer immunology or cancer bioinformatics. You will be able to build your independent scientific career in a collaborative and supportive environment in a state-of-the-art new cancer research centre. The Centre for Cancer Sciences in Nottingham includes groups with strong track records in tumour microenvironment and immunology, patient-derived models of cancer both *in vivo* and *ex vivo*, and cancers of the breast, prostate and digestive system (colorectal, oesophageal, liver and bile duct cancer), children's brain tumour, acute myeloid leukaemia and melanoma.

You will be involved in developing both the research and teaching aspects of the new Centre for Cancer Sciences, including supporting and teaching on the new undergraduate BSc and MSc courses in Cancer Sciences due to start in September 2019.

You will also be expected to contribute to the development of new courses and the research direction in the Division of Cancer and Stem Cells, developing new concepts and principles, as well as designing and winning funding for innovative research proposals from government, charity and/or industrial sectors.

Another important aspect of the role is making a significant contribution to the academic unit via leadership, administrative management and co-ordination of specific initiatives.

	Main Responsibilities	% time per year
1.	<p>Research:</p> <ul style="list-style-type: none"> To lead on, plan, develop and conduct individual and/or collaborative research objectives, projects and proposals either as an individual or as part of a broader programme of research within the Centre for Cancer Sciences To produce research outputs which will be considered to be excellent in Research Excellence Frameworks (REF). To establish a national and international reputation for high quality research, and regularly disseminate and explain research findings through leading peer-reviewed national publications (on a sustained basis), and other appropriate media. To generate income by developing and winning support for innovative research proposals and funding bids, that develop the unit scientifically and in the range of approaches. 	40%

	<ul style="list-style-type: none"> To build relationships and collaborate actively with internal and external contacts, nationally and internationally to complete research projects and to advance the discipline. Be responsible for the safe conduct of work within work area and teaching responsibilities ensuring that the School's arrangements for compliance with the University Safety Policy are implemented. 	
2.	<p>Teaching:</p> <ul style="list-style-type: none"> To develop and deliver teaching on modules within the new BSc and MSc <i>in Cancer Sciences, and on other courses</i>, providing curriculum leadership within own area of expertise. To liaise with the School of Life Sciences on teaching across modules. Lead undergraduate and taught and research postgraduate research project supervision, and to successfully supervise and examine PhD students. Where appropriate, identify the need for developing the content or structure of existing modules and make proposals on how this should be achieved. Be responsible for, and supervise, practical work, including projects, field trips or placements, where it is part of the course, and advise students on techniques. To coach and support tutorial groups, developing their knowledge and their learning skills, and be responsible for the pastoral care of students within a specified area, dealing with sensitive issues. Be responsible for and comply with The University of Nottingham Teaching Quality assurance standards and procedures. Ensure teaching quality assessment and assessment of progress and other information is maintained and supplied to the University as required. 	35%
3.	<p>Engagement, Communication and Support of Colleagues:</p> <ul style="list-style-type: none"> Be responsible for administrative duties in areas such as admissions, timetabling, examinations, student attendance, and represent the Division or Course on various committees and working groups in the wider School Be responsible for managing or monitoring assets and budgets allocated as part of the role. To contribute to student recruitment and secure student placements and provide appropriate advice to others involved in this activity. To act as a line manager to staff (e.g. researchers, technicians) and supervise the work of others, in subject curriculum teams including performance review. To coach and support colleagues in developing their research and teaching techniques. To act as a mentor to colleagues with less experience providing advice on personal development. To co-ordinate the work of colleagues to ensure research and teaching are delivered to the required quality standards and there is equitable access to resources and facilities. 	25%

Knowledge, Skills, Qualifications & Experience

	Essential	Desirable
Qualifications/ Education	<ul style="list-style-type: none"> PhD or equivalent in relevant subject area. 	<ul style="list-style-type: none"> Higher Education teaching qualification or equivalent. Membership of an appropriate professional body.
Skills/Training	<ul style="list-style-type: none"> Demonstrable substantial contribution to high quality publications considered to be within Research Excellence Frameworks (REF). Excellent oral and written communication skills including the ability to communicate with clarity on complex and conceptual ideas to those with limited knowledge and understanding as well as to peers, using a range of media. Sufficient breadth and depth of knowledge in the areas of cancer 	<ul style="list-style-type: none"> Evidence of having secured external funding through competitive tendering. Evidence of successful supervision of PhD students. Evidence of leadership of research Proven leadership skills within a research environment. Experience teaching undergraduate students. Research experience in tumour microenvironment, cancer bioinformatics, or tumour

	<p>science that complement existing strengths.</p> <ul style="list-style-type: none"> • Ability to devise, advise on and manage learning and research projects. • Ability to manage resources and an understanding of management processes. • High level analytical capability to facilitate conceptual thinking, innovation and creativity. • Skills in counselling, pastoral care and motivating students and staff. • Ability to build relationships and collaborate with others, internally and externally. 	<p>microcirculation to develop research programmes and methodologies.</p> <ul style="list-style-type: none"> • Emerging skills in managing and motivating staff.
Experience	<ul style="list-style-type: none"> • Significant postdoctoral experience. • Experience of developing research methodologies and devising models, approaches, techniques, critiques and methods. • Research expertise within subject specialism. • Demonstrated ability to motivate and inspire peers and more junior researchers. • Achievement in chosen field, reflected in growing national or international reputation. • Demonstrated ability to work within an academic team. • Experience and demonstrated success in delivering teaching within an agreed quality framework. 	<ul style="list-style-type: none"> • International reputation in specialist field which continues to grow. • Evidence of experience with writing grants that receive endorsement either through funding or strong positive feedback. • International reputation in specialist field which continues to grow. • Experience, achievement and growing reputation in the discipline, reflected in relevant national committee memberships, and/or involvement in national research events. • Experience and demonstrated success in delivering research results. • Experience of devising, advising on and managing learning and research programmes. • Experience of counselling, pastoral care and motivating students and staff. • Experience of covering modules on taught courses. • Experience and demonstrated success in delivering teaching within an agreed quality framework.
Other	<ul style="list-style-type: none"> • Willingness to adopt the Ethos and Principles of the School of Medicine. 	

Additional Information

Appendix 1

The University of Nottingham

Described by the Times Good University Guide 2017 as “the nearest Britain has to a truly global university”

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University of Nottingham has award-winning campuses in the UK, China and Malaysia and hosts a global academic community in all three countries. The University has an institution-wide commitment to embedding an international dimension across all of our activities enabling us to produce graduates who are empowered to excel in a challenging global environment and deliver genuinely world-changing research.

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 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 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 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.

The partnership between University of Nottingham and Nottingham University Hospitals NHS Trust was recently awarded by NIHR, a transformational £23.6 million to expand their pioneering work into new treatments and diagnostics for a wide range of health problems, establishing a new Biomedical Research Centre (BRC), which will incorporate two existing smaller Biomedical Research Units in the city. The Nottingham BRC will be the leading UK hub in five key areas of health research:

- Deafness and hearing loss
- Gastrointestinal and liver disease
- Respiratory medicine
- Musculoskeletal disease
- Mental health technology

At the core of the Biomedical Research Centre will be Nottingham's world-leading expertise in magnetic resonance imaging (MRI). It means the latest medical imaging research and technology pioneered here can be translated into real benefits for patients in all five of the BRC's research areas.

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.

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.)

<https://www.nottinghamcity.gov.uk/>



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.