



Job title	Assistant Professor	Job family and level	Research & Teaching Extended level 5
School/ Department	School of Medicine, Translational Medical Sciences	Location	Biodiscovery Institute, University Park

Purpose of Role

This post will be based in the 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, cancer bioinformatics, and cancer epidemiology.

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 Centre for Cancer Sciences, including supporting and teaching on our unique undergraduate BSc and MSci courses in Cancer Sciences.

You will also be expected to contribute to the development of new courses and the research direction in the School of Medicine, 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 (Primary accountabilities and responsibilities expected to fulfil the role)	% 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 group. ▪ 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 BSc and MSci in Cancer Sciences, and on other courses, 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 and Communication:</p> <ul style="list-style-type: none"> ▪ Be responsible for administrative duties in areas such as admissions, timetabling, examinations, student attendance, and represent the 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%
5	<ul style="list-style-type: none"> ▪ Any other duties appropriate to the grade and level of the role. ▪ The School of Medicine recognises the importance of continuous professional development and therefore the importance of providing opportunities, structured support and encouragement to engage in professional development each year. 	N/A

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 and conceptual ideas to those with limited knowledge and understanding as well as to peers, using a range of media. ▪ 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 	<ul style="list-style-type: none"> ▪ Proven leadership skills within a research environment. ▪ Emerging skills in managing and motivating staff.
Knowledge and experience	<ul style="list-style-type: none"> ▪ Demonstrable substantial contribution to high quality publications considered to be within Research Excellence Frameworks (REF). ▪ Sufficient breadth and depth of knowledge in the areas of cancer science that complement existing strengths. ▪ Significant postdoctoral experience. ▪ Experience of developing research methodologies and devising models, approaches, techniques, critiques and methods. ▪ Research expertise within subject specialism. ▪ Achievement in chosen field, reflected in growing national or international reputation. ▪ Experience and demonstrated success in delivering teaching within an agreed quality framework. ▪ Demonstrated ability to motivate and inspire peers and more junior researchers. 	<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 ▪ Experience teaching undergraduate students. ▪ Research experience in tumour microenvironment, cancer bioinformatics, tumour microcirculation, or cancer epidemiology, to develop research programmes and methodologies. ▪ 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. ▪ Experience, achievement and growing reputation in the discipline, reflected in relevant national committee memberships, and/or involvement in national research events.

	<ul style="list-style-type: none"> ▪ Demonstrated ability to work within an academic team. 	<ul style="list-style-type: none"> ▪ 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.
Qualifications, certification and training (relevant to role)	<ul style="list-style-type: none"> ▪ PhD or equivalent in a subject area such as cancer biology, bioinformatics, cancer epidemiology 	<ul style="list-style-type: none"> ▪ Higher Education teaching qualification or equivalent ▪ Membership of an appropriate professional teaching body
Statutory, legal or special requirements	<ul style="list-style-type: none"> ▪ Willingness to adopt the <u>vision and values</u> of the School of Medicine. 	



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** Understands that it is essential to provide a structure that people can thrive in. Knows how to communicate with people to create a healthy working environment and get the best out of people.
- Taking ownership** Communicates vision clearly, providing direction and focus. Knows how to create a productive environment where people are inspired and can work cross-departmentally in partnership.
- Forward thinking** Has the ambition to be a pioneer in own area, anticipating the future change, needs and challenges. Knows how to innovate within their work context and champions others to be inspired to be part of this ambition
- Professional pride** Keeps up to date on latest thinking, trends and work practices. Supports team to be thought leaders; willing to challenge if obstacles get in the way.
- Always inclusive** Establishes far reaching partnerships, well beyond own area across a broad range of networks. Understand role to pay due regard to the needs of the whole community.

Key relationships with others

