



Job title	Research Fellow (Title will be 'Research Associate' where an appointment is made before PhD is completed)	Job family and level	Research and Teaching Level 4 (Appointment will be Level 4 career training grade where an appointment is made before PhD has been completed)
School/ Department	School of Medicine / Translational Medical Sciences	Location	The East Midlands Campuses of the University of Nottingham

Purpose of role

The purpose of this role will be to have specific responsibility for research, for developing research objectives and proposals for a research project that will use magnetic resonance imaging (MRI) methods to study the journey of capsule formulations through the gastrointestinal tract. You will be expected to plan and conduct work using approaches or methodologies and techniques appropriate to the type of research. The work will involve all aspects of the project, from coordination to liaising with the partner organisations, from recruiting participants to running study days, analysing data and writing up project reports, scientific abstracts and papers.

You will join an established multi-disciplinary team, led by the Professor of Gastrointestinal Imaging. The project is a research collaboration with the University's Sir Peter Mansfield Imaging Centre and the manufacturer of the capsule formulations.

You will have the opportunity to use your initiative and creativity to identify areas for research, develop research methods and extend your research portfolio. The work will also involve contributing to other projects from the team's portfolio including image data analyses.

The School of Medicine recognise the importance of continuous professional development and therefore the importance of providing opportunities, structured support and encouragement to engage in professional development each year.

To find out more about the School of Medicine, its values, vision, teaching and research, please see our [further information leaflet](#).

	Main responsibilities (Primary accountabilities and responsibilities expected to fulfil the role)	% time per year
1	Research Responsibilities: - To manage, plan and conduct own research activity using recognised approaches, methodologies, and techniques within the research area. - To resolve problems, in meeting research objectives and deadlines in collaboration with others. - To carry out image data analyses as required from this and other studies from the team's portfolio. - To identify opportunities and assist in writing bids for research grant applications. Prepare proposals and applications to both external	70 %



	and/or internal bodies for funding, contractual or accreditation purposes.	
2	Engagement, Communication and Continuation Responsibilities: • To write up research work for publication and/or contribute to the dissemination at national/international conferences, resulting in successful research outputs. • To collaborate with academic colleagues on areas of shared interest for example, course development, collaborative or joint research projects. • Working with the study team to monitor study participants' recruitment, data completeness and quality, and retention of participants; and to identify problems, and implement strategies to overcome any identified problems. • Manage and coordinate the completion of study documents ensuring the process is in accordance with the University's Standard Operating Procedures. • Preparing study correspondence and communications e.g. newsletters, flyers, posters and other updates. • Working in accordance with Good Clinical Practice and undertaking training to keep up to date with all relevant research regulations and research methodology. • Ensure smooth day-to-day running of the research studies, e.g. responding to general enquiries, dealing with emails, word processing, photocopying and filing. • Be responsible for collating the study outputs from the research team. • Oversee reporting to study funder including conference dissemination, publications and other data. • Preparing and maintaining research study files and documentation • Take responsibility for planning and organising meetings or other research group events. This will include communication with the research team and any relevant external colleagues or collaborators. Ensure agendas and other meeting paperwork is prepared and circulated, record and circulate minutes.	20 %
3	Teach, supervise, examine and personal tutoring: • You are expected to make a contribution to teaching that is in balance with wider contributions to research and other activities.	10%
4	Other • Any other duties appropriate to the grade and level of the role	N/A



Person specification

	Essential	Desirable
Skills	• Excellent oral and written communication skills, including the ability to communicate with clarity on complex information with a wide range of audiences. • Ability to creatively apply relevant medical imaging research approaches, models, techniques and methods. • Ability to build relationships and collaborate with others, both internally and externally. • High analytical ability to analyse and illuminate data, interpret reports, evaluate and criticise texts and bring new insights. • Ability to assess and organise resource requirements and deploy effectively. • Ability to work alone, as well as part of a team • Computer literacy skills particularly in using Microsoft applications (Word, Excel, PowerPoint) and medical image analysis software packages • Excellent organisational skills	
Knowledge and experience	• Experience in medical image data analysis • Experience in working with human research study participants	• Good practical experience in medical image data processing • Good experience in running human clinical trials in a research setting • Good knowledge of magnetic resonance imaging • Experience of developing new approaches, models, techniques or methods in this research area.
Qualifications, certification and training (relevant to role)	• PhD or equivalent in relevant medical imaging area or the equivalent in professional qualifications and experience in relevant medical imaging area OR near to completion of a PhD in relevant medical imaging area.	



Other	Willingness to adopt the vision and values of the School of Medicine.	
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Athena
Swan
Gold Award



Race
Equality
Charter
Bronze Award





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	Is friendly, engaging and receptive, putting others at ease. Actively listens to others and goes out of way to ensure people feel valued, developed and supported.
Taking ownership	Is clear on what needs to be done encouraging others to take ownership. Takes action when required, being mindful of important aspects such as Health & Safety, Equality, Diversity & Inclusion, and other considerations.
Forward thinking	Drives the development, sharing and implementation of new ideas and improvements to support strategic objectives. Engages others in the improvement process.
Professional pride	Is professional in approach and style, setting an example to others; strives to demonstrate excellence through development of self, others and effective working practices.
Always inclusive	Builds effective working relationships, recognising and including the contribution of others; promotes inclusion and inclusive practices within own work area.

Key relationships with others

