



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	Medical School/Biodiscovery Institute

Purpose of role

Applications are invited for a Postdoctoral researcher in Human Physiology within the GI and Liver theme of the NIHR Biomedical Research Centre and the Biodiscovery Institute at the University of Nottingham.

This research project is focussed on understanding the physiological responses to sugar and alcohol. You will join the group of Dr Peter Aldiss whose research focusses on the hormonal and genetic regulation of obesity, addiction and the gut-liver-brain axis.

Working across the GI and Liver theme of the NIHR Biomedical Research Centre and the Biodiscovery Institute the role holder will deliver a human volunteer pilot-study in healthy participants involving intake of sugar and alcohol, neuroimaging, collection of biological samples and subsequent analysis using molecular biology techniques. You will be expected to plan and conduct work using approaches or methodologies and techniques appropriate to the type of research and will be responsible for writing up your work for publication. In addition, 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 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.

	Main responsibilities (Primary accountabilities and responsibilities expected to fulfil the role)	% time per year
1	<p>Research Responsibilities:</p> <ul style="list-style-type: none"> ▪ Co-ordination and preparation of a human volunteer pilot-study to be and liaise with relevant personnel to organise resources and ensure all local and national regulatory requirements are met. ▪ Recruit and screen subjects to meet recruitment timelines. Check all screening and recruitment documentation and to ensure subjects meet inclusion criteria. 	80%

	<ul style="list-style-type: none"> ▪ Develop understanding and expertise in taste sensing and neuroimaging. ▪ Process human biological samples for analysis of key hormones and metabolites using relevant molecular biology techniques. ▪ To plan and conduct research using recognised approaches, methodologies and techniques within the research area and support the development of research objectives and proposals for own and/or collaborative research area. ▪ To resolve problems, in meeting research objectives and deadlines in collaboration with others. ▪ To identify opportunities and assist in writing bids for research grant applications. Prepare proposals and applications to both external and/or internal bodies for funding, contractual or accreditation purposes. 	
2	<p>Engagement, Communication and Continuation Responsibilities:</p> <ul style="list-style-type: none"> ▪ 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 collaborative or joint research projects 	10%
3	<p>Teach, supervise, examine and personal tutoring:</p> <ul style="list-style-type: none"> ▪ You are expected to make a contribution to teaching that is in balance with wider contributions to research and other activities. 	10%
4	<p>Other:</p> <ul style="list-style-type: none"> ▪ 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. 	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 information. ▪ Ability to creatively apply relevant 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 	
Knowledge and experience	<ul style="list-style-type: none"> ▪ Evidence of sufficient breadth or depth of research methodologies and techniques to work in the area of human metabolic physiology, neuroimaging and/or nutrition. ▪ Some practical experience of applying the specialist skills approaches and techniques required for a role in human metabolic physiology, neuroimaging and/or nutrition research. ▪ Experience in use of research methodologies and techniques to work within area. 	<ul style="list-style-type: none"> ▪ Experience of developing new approaches, models, techniques or methods in research area. ▪ Experience in taste, sensory science and desirable. ▪ Venepuncture experience desirable.
Qualifications, certification and training (relevant to role)	<ul style="list-style-type: none"> ▪ PhD in human metabolic physiology/nutrition/imaging/relevant area or near to completion 	<ul style="list-style-type: none"> ▪ Master's Degree, or equivalent in relevant subject area.
Other	<ul style="list-style-type: none"> ▪ Willingness to adopt the vision and values of the School of Medicine. 	



Athena
SWAN
Silver 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

