



Job title	Assistant Professor in Exercise Science	Job family and level	Research and Teaching Level 5 (Research & Teaching)
School/ Department	School of Life Sciences	Location	School of Life Sciences, The Medical School & David Ross Sports Village

Purpose of role

Lead a research programme at the University relevant to research strengths in human metabolism, physiology and/or nutrition, and to contribute to teaching on the BSc in Sport and Exercise Science.

Develop a programme of research that dovetails with current human metabolism, physiology and nutrition research in exercise and experimental medicine in the Greenfield Human Physiology Unit within the Division of Physiology, Pharmacology and Neuroscience, School of Life Sciences and the wider University strategic research structures. These include the MRC/Versus Arthritis Centre for Musculoskeletal Ageing Research, the Centre for Sport, Exercise and Osteoarthritis Versus Arthritis, the Sir Peter Mansfield Imaging Centre and the Nottingham NIHR Biomedical Research Centre.

Take responsibility for the quality of the design of courses/programmes to maintain high teaching standards and contribute to the delivery and assessments in the BSc in Sport and Exercise Science.

	Main responsibilities (Primary accountabilities and responsibilities expected to fulfil the role)	% time per year
1	<p>Research</p> <ul style="list-style-type: none"> ▪ Develop and sustain a national reputation as research rising star through publication of original research work in leading peer-reviewed national and international research publications. ▪ Present at national/international conferences and similar events in the field of human metabolism and physiology in the context of ageing, exercise, inactivity and nutrition, and their contribution to health and disease progression. ▪ Act as principal investigator and co-investigator on research projects and funding bids, which develop and sustain research outputs and support in the field of human metabolism and physiology in the context of ageing, exercise, inactivity and nutrition, and their contribution to health and disease progression. ▪ Contribute to the development of research strategies and initiatives to foster collaboration and generate income in the School of Life Sciences and wider University strategic research structures. ▪ Investigate and devise new research methods, generate new research approaches and contribute generally to an increase in knowledge, understanding, thought development and practice in this field, and 	40

	<p>apply this to research, and where appropriate, teaching practice in the School of Life Sciences.</p> <ul style="list-style-type: none"> Participate in knowledge exchange and other activities designed to maximise the impact of research. 	
2	<p>Teaching</p> <ul style="list-style-type: none"> Contribute to curriculum leadership and development and the delivery of teaching and learning programmes in the School of Life Sciences, and principally in the BSc in Sport and Exercise Science. Develop, deliver and assess programmes of study and individual teaching modules, taking responsibility for the quality of programme delivery and ensuring compliance with the quality standards and regulations of the University and the School. Attend meetings of the BSc Sport and Exercise Science teaching group. Provide high quality academic and pastoral support to students at all levels, for example as a PGR supervisor and personal tutor. 	40
3	<p>Leadership, Citizenship and Administration</p> <ul style="list-style-type: none"> Provide academic and organisational leadership to those working within the School of Life Sciences and in particular human metabolism and physiology research, by for example co-ordinating resources, the work of others to ensure the effective delivery of research projects and agree objectives and work plans with the team. Within an agreed time-frame assist with administrative duties in areas such as admissions, timetabling, examinations, student attendance. To apply research results in public policy or commerce where there is a demonstrable benefit to the University and the School of Life Sciences. Work within the policies and processes of the School of Life Sciences and the University of Nottingham. 	20

Person specification

	Essential	Desirable
Skills	<ul style="list-style-type: none"> ▪ Track record in research evidenced by first and senior author of original, peer reviewed publications. ▪ Excellent oral and written communication skills, and a demonstrable ability to communicate with clarity on complex information. ▪ Evidence of securing external research grant income as an independent researcher, and/or co-investigator for substantive levels of funding. ▪ Ability to devise, advise on and manage learning and research programmes to deliver successful outcomes. ▪ Ability to lead and deliver innovative, engaging teaching content and materials, using a range of technologies and techniques to inspire and engage students. ▪ Ability to supervise student research at both undergraduate and postgraduate level. ▪ Skills in counselling, pastoral care and motivating students. ▪ Emerging skills in managing and motivating staff. ▪ Ability to build relationships and collaborate with others, internally and externally. ▪ High level analytical ability to facilitate conceptual thinking, innovation and creativity. 	<ul style="list-style-type: none"> ▪ Evidence of successful consultancy activities and/or delivery of specialist services to external customers/clients.
Knowledge and experience	<ul style="list-style-type: none"> ▪ Evidence of research and teaching experience with a growing reputation in the field of human metabolism and physiology in the context of nutrition, exercise, health, ageing and chronic disease. ▪ Experience in developing and devising new research techniques and methods. ▪ Experience and demonstrated success in delivering undergraduate and/or 	<ul style="list-style-type: none"> ▪ Evidence of the supervision and pastoral care of students at all levels. ▪ Experience, achievement and growing reputation in the discipline, reflected in relevant national committee memberships, and/or involvement in national research events.

	<p>postgraduate teaching within an agreed quality framework.</p> <ul style="list-style-type: none"> ▪ Experience and achievement in chosen field, reflected in growing and consistent national reputation. ▪ Willingness to undertake formal training in teaching and learning skills, if required. ▪ Willingness to adopt the Ethos and Principles of the School of Life Sciences to improve the student experience. 	
<p>Qualifications, certification and training (relevant to role)</p>	<ul style="list-style-type: none"> ▪ PhD or equivalent in subject area relevant to human metabolism and physiology in the context of ageing, exercise, inactivity and nutrition. 	<ul style="list-style-type: none"> ▪ Membership of a professional body, where appropriate. ▪ Higher education teaching qualification or equivalent.



As part of this, we welcome a diverse population to join our work force and therefore encourage applicants from all communities, particularly those whose protected characteristics under the Equality Act 2010, are not well-presented in our current staff body.



The University is a signatory of the Declaration on Research Assessment (DORA). As such we commit to focus on the scientific content of publications (where requested or provided as part of the recruitment and selection process) as a basis for review of quality, and consideration of value and impact of research conducted, rather than any proxy measures such as Journal Impact Factor.

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

