



Job title	Associate Professor of Human Metabolism and Physiology.	Job family and level	Research and Teaching Level 6 (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 and physiology in the context of ageing, exercise, inactivity and nutrition, and their contribution to health and disease progression, and to contribute to teaching on the BSc in Sport and Exercise Science.

Develop a programme of research that dovetails with current translational research initiatives within the Greenfield Human Physiology Unit, the Division of Physiology, Pharmacology and Neuroscience 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> <p>Develop and sustain an ongoing national reputation as a research leader through publication of original research work in leading peer-reviewed national and international research publications.</p> <p>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.</p> <p>Act as principal investigator on major research projects, which develop and sustain research outputs and support in the field of human metabolism and physiology in the context ageing, exercise, inactivity and nutrition, and their contribution to health and disease progression.</p> <p>Actively collaborate with colleagues in the School, the wider University and externally by being a co-investigator as part of a broader programme of research.</p>	40

	<p>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.</p> <p>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 apply this to research, and where appropriate, teaching practice in the School of Life Sciences.</p> <p>Participate in knowledge exchange and other activities designed to maximise the impact of research.</p> <p>Apply research results in public policy or commerce where there is a demonstrable benefit to the University and the School of Life Sciences.</p>	
2	<p>Teaching</p> <p>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.</p> <p>Design, develop, deliver and assess programmes of study and individual modules, taking responsibility for the quality of programme delivery and ensuring compliance with the quality standards and regulations of the University and the School.</p> <p>Provide high quality academic and pastoral support to students at all levels, for example as a PGR supervisor and personal tutor.</p>	30
3	<p>Leadership, Citizenship and Administration</p> <p>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.</p> <p>Act as a line manager (including performance review) and personal mentor to peers and colleagues, where appropriate, and provide expert advice and coaching to colleagues and students internally and externally.</p> <p>Lead and develop internal (e.g. by chairing/participating in University Committees) and external relationships (e.g. external examiners/assessors and/or active researchers) to foster future collaboration.</p> <p>Make a significant contribution to the reputation and successful operation of the School by undertaking a leadership and management level academic administrative role(s) and playing an active part in citizenship activities in and beyond the School, including as a member of committees and working groups.</p>	30

	Work within the policies and processes of the School of Life Sciences and the University of Nottingham.	
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Person specification

	Essential	Desirable
Skills	<p>Excellent oral and written communication skills, and a demonstrable ability to communicate with clarity on complex information.</p> <p>Excellent track record in research evidenced by first and senior author of original, peer reviewed publications.</p> <p>Proven ability with demonstrated success in obtaining sources of funding, providing effective research leadership, planning, building and resourcing a research team and delivering research results. Ability to horizon scan and align research programmes with major funding opportunities.</p> <p>Demonstrable ability to lead and deliver innovative, engaging teaching content and materials, using a range of technologies and techniques to inspire and engage students.</p> <p>Demonstrable track record of successfully developing, leading and managing reaching programmes to deliver successful outcomes.</p> <p>Ability to supervise student research at both undergraduate and postgraduate level.</p> <p>Proven ability to provide effective leadership and management of groups and teaching activities.</p> <p>Highly analytical ability to facilitate conceptual thinking, innovation and creativity.</p>	<p>Evidence of successful consultancy activities and/or delivery of specialist services to external customers/clients.</p>
Knowledge and experience	<p>Extensive research and teaching experience with an established national and growing international reputation in the field of human metabolism and physiology in the context of nutrition, exercise, health, ageing and chronic disease.</p>	<p>An understanding of University management systems and the wider higher education environment. Previous experience of the supervision and pastoral care of students at all levels.</p>

	<p>Extensive experience in developing and devising new research programmes, techniques and methods.</p> <p>Proven record of promoting and maintaining collaborative links with industry/business/community.</p> <p>Experience of a formal role in undergraduate and postgraduate teaching.</p> <p>Extensive experience in developing, devising and delivering teaching programmes and modules.</p> <p>Willingness to undertake formal training in teaching and learning skills, if required.</p> <p>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)	PhD or equivalent in subject area relevant to human metabolism and physiology in the context of ageing, exercise, inactivity and nutrition.	<p>Membership of a professional body, where appropriate.</p> <p>Higher education teaching qualification or equivalent.</p>
Statutory, legal or special requirements		



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** 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



