

Job Description: Associate Professor (Research and Education) in Exercise Physiology

Post title and post number	Associate Professor (Research and Education) in Exercise Physiology
College/Budget Centre	Life and Environmental Sciences
School/Department	Sport, Exercise and Rehabilitation Sciences
Full time/Part time	Full Time
Duration of the Post	Permanent
Salary	Grade 9
Additional information	
Terms and Conditions	Academic Teaching Staff
Closing Date	TBC
Grade	9

Summary of Role

The School of Sport, Exercise and Rehabilitation Sciences at the University of Birmingham, UK, is a world-leading department that combines innovative and translational research with evidence-based professional practice to promote lifelong engagement in physical activity, optimising health, wellbeing and performance for everyone. Consistently in the top 10 of the QS World University Rankings by Subject and in the top 5 in the latest UK's Research Excellence Framework our research allows us to address societal challenges from multidisciplinary perspectives and enriches our degree programmes.

We are seeking to appoint a full-time Associate Professor in Exercise Physiology who will contribute at a senior level to research, education, and administration. The role holder will be expected to show excellent academic citizenship, likely to be demonstrated through generous, mutually respectful, and supportive working relationships with all staff and students.

We would welcome applications from individuals who can evidence involvement in exercise physiology research in sport, health and/or rehabilitation. We welcome applicants who can clearly articulate how their research and scholarly activity informs and shapes their teaching. In addition, we are keen to attract and support people working at the top of their field and able to demonstrate high quality research outputs and impacts.

You will join a thriving multi-disciplinary academic community, with access to excellent research and teaching facilities. We work closely with sporting organisations and clinical centres of excellence and have a strong focus on extending our research and impact to the communities we serve. An example of this is our recently launched [Centre for Movement and Wellbeing](#).

About you

You will have a clear research vision, a strong and growing international reputation, and a track record of internationally excellent research in an area aligned with exercise physiology. This includes but is not limited to integrative physiology of exercise, ageing, and exercise/nutrition

interventions in the context of sport, health and/or rehabilitation. Your research will have clear translational and/or applied elements that generate impactful outcomes in the relevant context (e.g., health/quality of life improvement, sport, clinical, or policy impact). Through collaboration across disciplinary areas within the School, University and beyond, you will deliver impactful outcomes within the field of sport, health, and rehabilitation, and generate considerable research income through external and/or commercial funding.

In education, you will be an inspiring educator, able to communicate your work to researchers, students, and the public. You will substantially contribute to our high-quality teaching assessment and programme delivery; plus, the enhancement of the student experience and employability, ensuring an excellent educational experience for our students.

In management and administration, you will lead, support others, and manage areas of activity in the School with the potential for University-wide involvement. This might be through sustained high-value research, knowledge transfer, enterprise, business engagement, and public engagement or similar activities.

In our diverse community where we believe in integration, acceptance and support for everyone with different abilities, sexual orientation, ethnicity, race, faith, and gender, you will actively respect and uphold these values.

The School of Sport, Exercise and Rehabilitation Sciences, having been awarded Athena SWAN Silver status, is committed to promoting equality, diversity, and inclusivity, and therefore welcomes applicants from diverse backgrounds to join our global community.

The University of Birmingham holds Advance HE Race Equality Charter and Athena Swan Charter bronze awards and is a Stonewall Global Diversity Champion. Further information about working at the University of Birmingham, including information about employee benefits and childcare provision is at <https://www.birmingham.ac.uk/staff/index.aspx>

Main Duties / Responsibilities

Research

To pursue sustained research activity in exercise physiology through original research and scholarship. Where appropriate this will include:

- Making a major contribution to the management of research activities.
- Leading successful external funding bids that develop and sustain research.
- Consistently publishing leading research that results in a sustained, highly respected reputation of international quality.
- Providing research leadership that contributes to the progression of the discipline.
- Leading sustained high-value impact activity in knowledge transfer that leads to either policy development at a national or international level, and/or the development of industrial/network links and initiatives.
- Developing novel methodologies and techniques appropriate to the type of research being pursued.

- Effectively supervise and mentor PhD students or early career researchers. Examine PhD students both within the institution and externally.
- Supervision of other research staff.

Education

To contribute at a senior level and on a sustained basis to the leadership and delivery of exercise physiology education. Where appropriate, this will include:

- Making a significant contribution to the knowledge base of the subject that advances teaching through the enhancement of practice, the development of teaching resources and/or through practice-based research.
- Leading on curriculum design at module and programme level to ensure it is contemporary, inclusive, engaging and academically challenging.
- Leading the co-ordination of programmes or equivalent activities across the School.
- Developing programme proposals and making substantial contributions to the design of teaching programmes more widely in the School.
- Actively engaging students in curriculum design and sharing evidence of “what works”.
- Playing an important and sustained role in the recruitment and admission of students.
- Leading the development of teaching, learning and assessment policies and strategies.
- Leading substantial and sustained high value impact activity in knowledge transfer and enterprise that enhances the student experience and/or employability.
- Undertaking own teaching, which will include teaching and examining courses at a range of levels, planning, and reviewing own teaching approaches, developing programme proposals, supervision, marking and examining. You will ensure that your teaching practice is informed by discipline-based research, through participating in the research culture of the School.

Management/administration

Lead activities in the School and represent the School on College/University committees or working groups. Where appropriate, this will include:

- Making an important contribution to the development and running of the Department or School, for example, leading activity on research and/or teaching assessment.
- Leading a successful international engagement at School or College level.
- Developing and managing staff and resources in support of major research and/or teaching activities.
- Making important contributions to the development of the School’s research and/or learning and teaching strategy.
- Contributing significantly to the development and delivery of knowledge transfer, enterprise, business engagement and public engagement activities with sustained high-value impact of manifest benefit to the College and the University.

- Promoting a culture (including policies and procedures) that embeds equality and values diversity and inclusion
- Leading, serving on, and assisting the work of committees and task and finish groups beyond School/ Research Institute, e.g., Senate, Council, University Education or Research Committee etc.
- Leading external committees, e.g., those associated with public/professional bodies or delivery of activities for an external body at an appropriate level, e.g., chairing sub committees associated with large elements of work
- Making a sustained contribution to widening participation, Schools' outreach and/or public understanding of the discipline

Citizenship

- Taking collective ownership of challenges faced by the School or College and working with colleagues to develop solutions.
- Mentoring and coaching colleagues, particularly those in the early stages of their career.
- Leading and managing a team to devise and implement a new and/or revised process (e.g., new programme or a recruitment drive).
- Making a major contribution to some administrative activities within the University (e.g., appeals panels, working groups).
- Developing and making substantial contributions to knowledge transfer, enterprise, business engagement, public engagement, widening participation, Schools' outreach activities.
- Actively manages equality, diversity and inclusion through monitoring and evaluation and actively challenging unacceptable behaviour.

Person Specification

Essential

- Doctoral qualification in a research area related to exercise physiology.
- Experience and achievement in a research area related to exercise physiology, evidenced by a strong and developing international reputation.
- Extensive teaching experience and scholarship.
- Evidence of successful external funding.
- Successful and sustained supervision of doctoral students to completion.
- Proven ability to devise, advise on and manage learning and research.

- Demonstrated excellence in at least Research, with competence in Learning and Teaching and Management and Administration.

Desirable

- Experience in the development and delivery of sport and/or exercise placement and/or internship provisions.
- Higher Education Teaching accreditation (e.g., Fellow of the Higher Education Academy).