

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

Post title and post number	Assistant 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 8
Additional information	
Terms and Conditions	Academic Teaching Staff
Closing Date	TBC
Grade	8

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 Assistant Professor in Exercise Physiology who will substantially contribute 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 community of 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 for initiating, conducting and disseminating original research in 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 be involved and contribute to, support others, and manage areas of activity in the School with the potential for University-wide involvement. This may include developing and making substantial contributions to knowledge transfer, enterprise, business engagement, public engagement, widening participation, schools' outreach, or similar activities at Department/School level or further within the University.

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, as a proud awardee of 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:

- To plan and carry out high quality research in line with the School's research areas and the School/University of Birmingham's research strategy, using appropriate methodology and techniques.
- Pursue personal research including developing research ideas and winning support, including financial support for research.
- Plan, execute and publish high quality research outputs.
- Manage personal research activities.
- Effectively supervise and mentor PhD students or early career researchers. Examine PhD students both within the institution and externally.
- Participate in research-related enabling activities.

- Apply knowledge in a way that develops new intellectual understanding.
- Develop and make substantial contributions to impact and engagement into sport, exercise and/or community settings.

Education

To deliver teaching in exercise physiology, this may include:

- Teaching, and assessing courses at a range of levels.
- Planning and reviewing your own teaching approaches.
- Designing contemporary, inclusive, engaging and academically challenging curriculum content, which uses appropriate learning and teaching approaches, relevant to your field and applied/placement education provision.
- Working collaboratively with colleagues to design and deliver teaching, learning and assessment.
- Using digital resources/environments effectively to support learning and assessment.
- Developing module proposals and making substantial contributions to the design of teaching programmes more widely in the School.
- Devising and supervising projects, student dissertations and practical work.
- Supporting knowledge transfer and enterprise that enhances the student experience and/or employability.

Management/Administration

To contribute to School administration, this may include:

- Contribution to the administration/management of research and/or teaching across the School.
- Leading and managing a team to devise and implement new and/or revised teaching and research processes.
- Contribution to the development of external relationships with key stakeholders in the sport, exercise and wellbeing sectors.
- Advising on personal development of colleagues and students.
- Contributing 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

Citizenship

- Taking collective ownership of challenges faced by the School or College and working with colleagues to develop solutions.

- Positively engaging in School strategic initiatives.
- Contributing to some administrative activities within the University (e.g., appeals panels, working groups, Open days).
- Contributing to knowledge transfer, enterprise, business engagement, public engagement, widening participation, outreach activities.
- Actively supporting 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.
- Extensive experience conducting research in an area related to exercise physiology.
- Ability to conduct and manage own and original research.
- Experience of leading and delivering undergraduate and postgraduate learning and teaching.
- Ability to design, deliver, assess, and revise learning and teaching content and curriculum.
- Ability to work both independently and as part of a team.
- Excellent academic writing skills for publication of research articles in high impact journals.
- Excellent organisation and time-management skills.

Desirable:

- Evidence of contributing to the development of successfully funded research projects.
- Established research partnerships with external organisations.
- Professional accreditation where appropriate (e.g., BASES/CASES, BPS, SENR).
- Ability to contribute to broader management/administration processes.
- Experience of post-graduate supervision at masters and doctoral level - ideally in projects related to sport and exercise sciences.
- Experience in the development and delivery of sport/exercise knowledge transfer, enterprise and similar activity that enhances the student experience or employability.