



UNIVERSITY OF LEEDS

CANDIDATE BRIEF

Research Fellow in Exercise Physiology, Faculty of Biological Sciences



Salary: Grade 7 (£33,199 – £39,609 p.a.) Due to funding limitations, it is unlikely an appointment will be made above £35,211p.a.

Reference: FBSBM1122

Closing date: 11 August 2019

Fixed-term for 3 years

Research Fellow in Exercise Physiology

School of Biomedical Sciences

Are you an ambitious researcher looking for your next challenge? Do you have an established background in clinical exercise physiology and exercise testing? Do you want to further your career in one of the UKs leading research intensive Universities?

This Medical Research Council funded post-doctoral position is available for a fixed-term of 3 years to investigate the safety, clinical and physiological efficacy of supervised exercise training in heart failure patients with pulmonary hypertension (i.e. Group 2 pulmonary hypertension). This project will leverage the expertise of exercise physiology and clinical researchers. It will provide new insights into the impact of exercise therapy on short-term clinical outcomes, exercise capacity, cardiac, pulmonary haemodynamic, and vascular function, and skeletal muscle strength in Group 2 pulmonary hypertension patients.

You will be located within the School of Biomedical Sciences, with the work being carried out in the cardiovascular clinical research facility housed within Leeds General Infirmary. The work will be supervised by [Dr Bryan Taylor \(SBMS\)](#), [Dr Carrie Ferguson \(SBMS\)](#), [Dr Klaus Witte \(FMH\)](#) and [Dr James Oliver \(FMH\)](#).

We are looking for a highly motivated individual who is committed to pursuing research in the area of clinical exercise physiology, integrated systems physiology and cardiopulmonary exercise testing. You should have a PhD (or be close to completion) in Exercise Physiology, Sports and Exercise Sciences, Human Physiology or a closely allied discipline, with some experience in exercise testing. Experience in the assessment of cardiac function and/or pulmonary arterial pressure using echocardiography, and in working with patients in a clinical environment, are also essential.

The University of Leeds and the Faculty of Biological Sciences are committed to providing equal opportunities for all and offer a range of family friendly policies. The University is a charter member of Athena SWAN (the national body that promotes gender equality in higher education), and the Faculty of Biological Sciences was reawarded a Bronze award in 2017. We are proud to be an inclusive Faculty that values all staff, and are happy to consider job share applications and requests for



flexible working arrangements from our employees. Our Athena SWAN [webpage](#) provides more information.

What does the role entail?

As a Research Fellow your main duties will include:

- Designing, planning and conducting a programme of investigation, in consultation with [Dr Bryan Taylor](#).
- Generating independent and original research ideas and methods in clinical exercise testing with an aim to extend the Exercise Physiology Group research portfolio.
- Maintaining appropriate clinical and research records;
- Making a significant contribution to the dissemination of research results by publication in leading peer-reviewed journals, and by presentation at national and international meetings.
- Working independently and as part of a larger team of researchers, both internally and externally to develop new research links and collaborations and engage in knowledge transfer activities where appropriate;
- Contributing to the supervision of junior researchers and PhD students and acting as a mentor to less experienced colleagues;
- Evaluating methods and techniques used and results obtained by other researchers and relating such evaluations to your own research;
- To contribute to, and to encourage, a safe working environment.

These duties provide a framework for the role and should not be regarded as a definitive list. Other reasonable duties may be required consistent with the grade of the post.

What will you bring to the role?

As a Research Fellow you will have:

- A PhD (or close to completion) in Exercise Physiology, Sports and Exercise Sciences, Human Physiology or a closely allied discipline;
- Experience in assessing cardiac function and/or pulmonary arterial pressure using echocardiography;



- Experience in working with patients in a clinical environment;
- Strong analytical skills, with the ability to work accurately and carefully, designing, executing and writing up research independently;
- A developing track record of peer reviewed publications in international journals;
- Excellent communication skills, both written and verbal and the ability to communicate your research at national and international conferences;
- The ability to work well both independently and as part of a team;
- Strong initiative and a pro-active approach, with excellent organisational, planning and self-management skills, including the ability to prioritise workloads to meet deadlines/demand and deliver high quality under pressure;
- A strong commitment to your own continuous professional development.

You may also have:

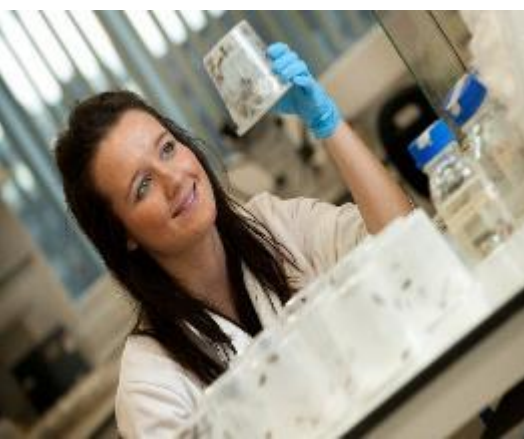
- Experience in techniques such as spirometry and vascular ultrasound;
- Evidence of pursuing external funding to support research.

How to apply

You can apply for this role online; more guidance can be found on our [How to Apply](#) information page. Applications should be submitted by **23.59** (UK time) on the advertised [closing date](#).

Your application should include:

- A supporting statement providing evidence to support each requirement listed on the 'What will you bring to the role' section of the Candidate Brief (no more than two sides of A4, minimum font size 11);
- An academic curriculum vitae, including a list of your publications.



Contact information

To explore the post further or for any queries you may have, please contact:

[Dr Bryan Taylor](#),

University Academic Fellow in Cardiovascular Exercise Medicine

Tel: +44 (0)113 343 0482

Email: b.j.taylor@leeds.ac.uk

Additional information

Find out more about the [Faculty of Biological Sciences](#) and the [School of Biomedical Sciences](#)

Working at Leeds

Find out more about the benefits of working at the University and what it is like to live and work in the Leeds area on our [Working at Leeds](#) information page.

Candidates with disabilities

Information for candidates with disabilities, impairments or health conditions, including requesting alternative formats, can be found on our [Accessibility](#) information page or by getting in touch with us at disclosure@leeds.ac.uk.

Criminal record information

Rehabilitation of Offenders Act 1974 (Exceptions) Order 1975

This post requires a standard criminal record check from the Disclosure and Barring Service (DBS), and any equivalent overseas authorities where relevant. The successful candidate will be required to give consent for the University to check their criminal record status. All applicants are required to make a self-declaration where applicable.

Any offer of appointment will be in accordance with our Criminal Records policy. You can find out more about required checks and declarations in our [Criminal Records](#) information page.

