



UNIVERSITY OF LEEDS

CANDIDATE BRIEF

Clinical Research Fellow in Cardiac Magnetic Resonance, Faculty of Medicine and Health



Salary awarded depending on trainee's current NHS pay scale and pay protection status under transitional arrangements (£32,569 - £49,086 p.a. or £37,191 – £47,132 p.a.)

Reference: MHLCM1202

Closing date: 1 November 2019

Fixed-term for 2 years

Clinical Research Fellow in Cardiovascular Magnetic Resonance

School of Medicine

Leeds Institute of Cardiovascular and Metabolic Medicine

Are you medically qualified and ambitious with an interest in research and cardiac magnetic resonance? Do you have experience of working in cardiology and cardiac imaging? Do you want to further your career by undertaking an MD or PhD degree in one of the UK's leading research-intensive Universities?

You will support and undertake research in Cardiovascular Magnetic Resonance (CMR). Our work research covers ischaemic, diabetic valvular heart disease and other cardiovascular conditions and we develop and apply advanced CMR methods MR Spectroscopy, Diffusion Tensor Imaging, multi-directional flow and parametric mapping. You will lead your own studies in a specific area of your interest, including methods development and clinical studies. In addition, you will support multi-centre studies in the department, contribute to the work of the research group as a whole and support the clinical CMR service.

You will work towards an MD and there may be an opportunity to extend this by a further year in order for you to obtain a PhD. You will be supported in preparing grant applications for personal research fellowships for example with the British Heart Foundation. This is an exciting opportunity if you are a cardiology trainee in the later stages of training, especially if you are aiming to sub specialise in cardiac imaging or pursue an academic career. You will also have the opportunity to undertake clinical training in CMR up to Level 3.

What does the role entail?

As Clinical Research Fellow your main duties will include:

- Generating and pursuing original research ideas in the appropriate subject area;
- Developing research objectives and proposals and contributing to setting the direction of the research project and team including, where appropriate preparing proposals for funding in collaboration with colleagues;



- Identifying and recruit suitable patients for studies from across the Leeds Teaching Hospitals Trust and the West Yorkshire region following good practice guidelines;
- Supporting multicentre studies in the department;
- Supporting, and after training undertaking, CMR scanning through preparation of patients for scans and clinical support during scanning;
- Supporting the clinical CMR service at Leeds Teaching Hospital NHS Trust;
- Leading on all aspects of data collection, database entry and data analysis;
- Communicating or presenting research results through publication or other recognised forms of output;
- Preparing papers for publication in leading international journals and independently writing reports;
- Evaluating methods and techniques used and results obtained by other researchers and to relate such evaluations appropriately to your own work;
- Keeping abreast of the literature and maintain a good working knowledge of the background and current developments in the field of the project;
- Working both independently and also as part of a larger team of researchers, engaging in knowledge-transfer activities where appropriate and feasible;
- Undertaking training in cardiac magnetic resonance imaging (MRI), including MRI physics and methods, clinical indications and scanning;
- Undertaking clinical CMR training to attain European Society of Cardiology Level 2 or 3 CMR certification;
- Contributing to teaching activities of the group where appropriate.

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 Clinical Research Fellow you will have:

- MBBS / MBChB or equivalent;



- MRCP (UK) or equivalent (international qualifications will be considered);
- GMC registration with a licence to practice;
- Cardiology trainee or equivalent international position;
- Experience of working in Cardiology (at sub-specialty trainee level);
- Demonstrated experience in cardiac imaging (e.g. BSE exam or similar);
- Demonstrated experience in Cardiac MRI (e.g. courses attended or first-hand experience);
- A strong commitment to your own continuous professional development including evidence of motivation to pursue a higher research degree;
- Proven ability to write to the standard required for research reports/international publications;
- Excellent written and verbal communication skills including presentation skills and the ability to communicate effectively with a wide range of stakeholders;
- Good time management and planning skills, with proven ability to manage competing demands effectively, responsibly and without close support;
- Ability to work flexibly, when necessary, to fulfil the needs of the research project;
- Willingness to travel to conferences in the UK and Overseas.

You may also have:

- Experience in medical research;
- Previous first author peer reviewed publications;
- Familiarity with computer packages for quantitative data analysis.

How to apply

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

Contact information

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



Professor Sven Plein, Professor of Cardiology and Head of the Division of Biomedical Imaging

Tel: +44 (0)113 343 7758

Email: s.plein@leeds.ac.uk.

Additional information

Find out more about the [Faculty of Medicine and Health](#).

Find out more about [Athena Swan](#) in the Faculty of Medicine and Health.

Find out more about [Leeds Institute of Cardiovascular and Metabolic Medicine](#).

Find out more about the [Division of Biomedical Imaging](#).

Clinical Duties

There are no defined clinical duties so that you can concentrate fully on your research. Where some clinical work is identified as appropriate, this will not normally exceed 10% of your time on an annualised basis and will be in agreement with your supervisors.

Honorary Contract

During your employment you will hold an honorary Specialty or Specialist Registrar appointment at Leeds Teaching Hospital Trust (Leeds General Infirmary) and will be expected to register with the University of Leeds for a higher degree.

Professional Registration

As a qualified doctor you should obtain periodic registration with the GMC. You will be required to maintain such registration so long as you remain employed with the University Of Leeds, confirming to your line manager that renewal has been carried out as required by the relevant professional organisation. You should produce documentation giving evidence of your registration upon request.

Working at Leeds

You can find out more about our generous benefits package and more about what it is like to work at the University and live in the Leeds area in our [Working at Leeds](#) information.

Candidates with disabilities



Information for candidates with disabilities, impairments or health conditions, including requesting alternative formats, can be found in our [Accessibility](#) information 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 an enhanced 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, subject to the University being satisfied with the outcome of these checks, in accordance with our Criminal Records policy. You can find out more about required checks and declarations in our [Criminal Records information](#).

