



UNIVERSITY OF LEEDS

Research Fellow in Diffusion MRI

University of Leeds
Faculty of Medicine and Health
Leeds Institute of Cardiovascular and Metabolic Medicine
University Grade 7, £33,199 - £39,609 per annum
Full time, fixed-term for 3 years

The University of Leeds invites applicants for a research fellow position in the field of diffusion MRI in the heart. The project, funded by the British Heart Foundation, seeks to develop diffusion MRI methods for extracting novel markers of cardiac tissue microstructure. The developed methods will be applied in patient cohorts to evaluate their potential for improving diagnosis and staging of myocardial disease in the clinic. The central clinical aspect of the work will be complemented by validation using preclinical MRI, histology and synchrotron radiation imaging.

Cardiac diffusion MRI remains a challenging prospect, with many exciting opportunities for research. You will join a stimulating and multi-disciplinary environment comprising physicists, engineers, computational scientists and clinicians. You will work on Siemens 3T Prisma and Bruker Biospec 7T MRI scanners located within the University and the adjacent Leeds General Infirmary.

Applicants should have a PhD or equivalent degree (or near completion) in MRI, Medical Physics, Imaging Sciences or related field, a strong background in MRI data analysis, and ideally, experience in cardiac or diffusion MRI.

Leeds is a vibrant city with excellent museums, restaurants, and parks, and a lively arts and music scene. It is nestled within easy reach of the Lake District, Peak District and Yorkshire Dales.

Closing Date: 22 September 2019

To discover more and apply, please go to:

<https://jobs.leeds.ac.uk/vacancy.aspx?ref=MHL1193>

Please send any enquiries to:

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