Research Associate
Department of Biomedical Engineering
Grade 6, £32,958 to £39,324 per annum, plus £2,623 per annum London Allowance
Fixed-term contract for 3 years, Full-time
Ref: R6/MRE/0598/17-PO

The main objective of this post is to develop novel acquisition and reconstruction techniques for 3D multiparametric quantitative cardiac MRI for assessment of coronary artery disease and myocardial remodelling. The objectives will include new approaches for 3D T1 and T2 mapping for myocardial tissue characterization and combined bright and black blood MRI for assessment of coronary lumen integrity and plaque formation. The project is part of a larger Project Grant and requires working in a team.

The post holder will be primarily responsible for developing and implementing MRI reconstruction methods, designing and running validation experiments in phantoms, volunteers and patients. The post will use the MR infrastructure provided by the Division of Imaging Sciences and Biomedical Engineering and will be based at St Thomas’ Hospital.

The deadline for applications is midnight on 22 June 2017

Interviews are scheduled to be held the week commencing: mid July 2017

The selection process will include a presentation and a panel interview.

For an informal discussion to find out more about the role please contact Professor René Botnar, on +44 20 71888384, or via email at rene.botnar@kcl.ac.uk

To apply for this role, please go to https://www.hirewire.co.uk/HE/1061247/THW_JobBoard.aspx and register to download and submit the specified application form.