MRI Research Physicist

Molecular & Clinical Sciences, St George’s, University of London, UK.

Salary: £26,243 to £45,892 plus London Allowance of £3,090
Fixed Term

Opening Date: Tuesday 23 April 2019
Closing Date: Monday 27 May 2019
Interview Date: Monday 10 June 2019
Reference: 604-19

An MRI Research Physicist position is available for 3 years funded by the Medical Research Council. The MRC programme grant aims to coordinate the investigations, using state of the art techniques, of patients with known categories (phenotypes) of primary lymphoedema and related lymph disorders.

Specifically we intend to develop contrast-enhanced MR lymphangiography (CE-MRL) and apply it to understanding mechanisms for lymphoedema in the peripheral lymphatic vessels of primary lymphoedema and lymphatic malformations (arms and legs). With collaborators, it is also intended to develop intranodal MRL for imaging of central lymphatic vessels (contrast administered into lymph nodes under ultrasound guidance).

The postholder will be responsible for developing and carrying out the MRL studies under the supervision of Professor Franklyn Howe in the 3T MRI research unit at St George’s University of London (SGUL). The MRI physicist will have a specific role to further develop our MRL technique through the implementation and the optimization of MR sequences. This role will also involve the development of image processing methods and software tools.

The post holder could be at any level, as long as they have experience of image processing, computer programming, and skills that allow them to optimise MRI acquisition protocols and develop image analysis tools. Detailed knowledge of lymphatics or MRL will not be needed as there will be every opportunity to learn once in post.

The salary for the role will be the full grade 5 - 6 range and grade 7 up to a maximum of £45,892 which is point 41, depending on experience, plus London Allowance.

For further information contact Prof Franklyn Howe howefa@sgul.ac.uk

Apply online at https://jobs.sgul.ac.uk/Vacancy.aspx?ref=604-19