

University College London
Research Associate in Medical Image Computing

***Exploiting spatio-temporal synergies in
simultaneous PET/MR***

Closing Date: 16 June 2017
Up to approx £41K pa. 30 months full-time.

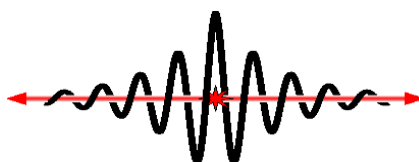
We seek an enthusiastic research-oriented scientist with strong computing skills to work in a stimulating research environment at UCL as part of a **collaboration between UCL, KCL, Universities of Manchester and Leeds, and the UK Science and Technologies Facilities Council (STFC)**. The appointee will develop and evaluate advanced image reconstruction and analysis software for PET/MR.

The primary responsibility of the post holder will be to develop a software framework (using C++) to be able to fully exploit spatio-temporal synergies in the data of simultaneous PET/MR as part of our new **EPSRC Software Flagship project**. This framework will build on the software of the Collaborative Computational Project for Synergistic Image Reconstruction (<http://www.ccppetmr.ac.uk>). The post-holder will also assist with translation and validation of novel analysis methods for clinical research using multi-modality imaging.

The post will be based at UCL in the Institute of Nuclear Medicine in the centre of London and the post holder will be expected to travel to collaborating sites within the UK.

Information on the post and how to apply can be found at <http://www.ucl.ac.uk/hr/jobs/>, search for job Ref **1646531**.

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**Synergistic PET-MR
Reconstruction**