An opportunity has arisen for a highly motivated, experienced imaging scientist to join the Imaging group, based within the Department of Infection, Immunity and Cardiovascular Disease (IICD). The group have a strong track record in MR imaging technology development and clinical translation. The University of Sheffield in vivo imaging facilities include three whole body MRI scanners, MRI microscopy systems, MRI hardware labs, image computing infrastructure and a soon to be installed PET-MRI system. You will work with one of the country’s leading MR imaging groups and will collaborate and support clinical and non-clinical researchers across all Departments in the Faculty of Medicine, Dentistry and Health and the wider University to further grow clinical applications and methodological depth in this area of strategic research priority in advanced Biomedical Imaging.

Within the role, you will have the full support of the imaging group, the department and the Insigneo Institute, one of the largest such organisations in the world, devoted to in silico medicine, founded as a joint venture between the University of Sheffield and the Sheffield Teaching Hospitals NHS Foundation Trust (https://insigneo.org/).

The successful candidate will benefit from a range of seminar series and other scientific meetings held within the group, department and the Faculty. The post holder will present their findings at group and departmental meetings, and national and international conferences. The candidate will be expected to publish research findings in high-quality, international journals and work towards clinical translation for patient benefit.

The post will suit candidates with a good honours degree and a PhD in imaging physics or engineering. The candidate must have significant research experience at post-doctoral and lecturer level and have a proven track record of producing high quality research publications. It’s essential candidates have experience of image computing approaches and leading inter-disciplinary imaging research. Advanced mathematical and coding skills are essential. Applicants must have experience in development of clinical applications for advanced imaging; neuro, cardiovascular, oncology, thoracic and abdominal. Potential candidates must have experience of motivating and communicating with a multi-disciplinary team as well as effective communication skills. Experience of project management at PI level as well as experience of undergraduate/post graduate teaching are essential. Applicants must be able to manage and appraise team members as well as being able to build and develop a team aligning the day-to-day work and goals of the team.

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