

THE UNIVERSITY OF MANCHESTER
PARTICULARS OF APPOINTMENT
FACULTY OF BIOLOGY, MEDICINE AND HEALTH
SCHOOL OF HEALTH SCIENCES
DIVISION OF INFORMATICS, IMAGING AND DATA SCIENCES
Lead Research Radiographer (MR)

Salary:	Grade 7
Hours:	1FTE
Duration:	Permanent
Responsible to:	Imaging Director

Background

The University's Imaging Facilities currently owns 3 MRI scanners (Salford Royal NHS Foundation Trust (SRFT), Manchester Clinical Research Facility (MCRF) and the Wolfson Molecular Imaging Centre (WMIC)) and a PET-MR scanner at St Mary's Hospital, Manchester University NHS Foundation Trust (MFT).

Overall Purpose of the Job

The postholder will be the lead radiographer covering the 3 MR scanners and will liaise extensively with Trust, MCRF and University personnel, including MR physicists, researchers, project managers, clinicians and other radiographers, to ensure that research and clinical scans are performed to agreed schedules and protocols. With considerable attention to patient care, the postholder will be expected to undertake all aspects of MR imaging.

The postholder will be responsible for the day-to-day operation of the scanners, including line management of other radiographers, liaising with SRFT, University and MCRF colleagues, scheduling and documenting scans and ordering supplies.

The postholder will be required to rotate across the Imaging Facilities sites, as outlined above, to meet scanning demand.

Key Accountabilities

Operational

- Perform high quality Magnetic Resonance Imaging (MRI) in volunteers and patients according to clinical research protocols and standard operating procedures, performing these activities in strict accordance with approved protocols, procedures, Ethics, Clinical Governance, Good Clinical Practice (GCP), Quality, Health and Safety at Work
- Perform clinical scanning as part of NHS service contracts
- Ensure the safety of volunteers, patients and staff is maintained and any incidents relating to the health and safety of volunteers, patients and staff are reported in accordance with clinical

governance, agreed contractual arrangements and University and Trust/MCRF internal reporting procedures

- Arrange for service contracts to be in place for equipment, securing value for money
- Review potential studies planning to use the MR scanners, in conjunction with physics and project management colleagues
- Liaise with Principal Investigators, Clinical Fellows, MCRF and SRFT colleagues, University colleagues and external contractors, to ensure the scanners operate smoothly

Strategic

- Participate in the development of protocols for new research projects by close interaction with scientific investigators and academic/laboratory staff
- Line management of radiographers (MR)
- Take part in, and lead, PDRs
- Optimising the scanning scheduling, including co-ordinating staffing and scans
- Author and contribute to publications/ papers in the field of radiography, as required
- Compile and update SOPs, risk assessments, validation and quality management documents, as required, in accordance with current external, University and SRFT/MCRF guidelines
- Attend, and contribute to, management and research meetings and prepare and give presentations

General

- Maintain adequate stock control and storage of consumables and pharmacy supplies
- Identify and procure resources (equipment and consumables) needed for performing research protocols
- Conduct general housekeeping duties to ensure the areas maintain their fitness for purpose and comply with infection control requirements
- Participate in preventative maintenance and quality assurance of equipment and materials
- Participate in quality control of imaging, monitoring and other equipment as required; ensuring problems are highlighted to SRFT/MCRF and University colleagues in a timely manner
- Maintain and help to improve the quality of all patient imaging and image processing procedures
- Ensure quality records are accurately completed in a timely manner
- Ensure the scanning log is kept up to date, undertaking quality control on a monthly basis
- Ensure all records (including patient health, financial, personal and administrative) comply with data protection legislation. The records may be paper, electronic, microfiche, audio or videotapes, images etc. Confidentiality of all records, whether patient records or University information, must be maintained even beyond employment at the University.
- Adherence to all Health and Safety policies, procedures and local rules
- Ensure training is kept up-to-date for all defined health and safety and GCP requirements
- Undertake weekend and evening working occasionally as required
- Undertaking scanning at other Imaging Facilities sites, for which training will be provided
- Other duties commensurate with the grade may be required, as appropriate

Person Specification

Education and Professional Qualifications

Academic Profile: R7

Essential

- Health and Care Professions Council (HCPC) registered Radiographer
- DCR, BSc (Radiography)
- Postgraduate qualification in MRI or CT
- Current Good Clinical Practice (GCP) certification
- Evidence of CPD

Skills and knowledge

Essential

- Specialist knowledge in any of the following areas, particularly in an academic research setting:
 - Neuro-imaging and fMRI
 - Cardiac imaging
 - Paediatric imaging
 - Oncologic imaging
- Willingness and ability to adopt new knowledge and research procedures
- Willingness to learn about PET-MR imaging
- Good interpersonal skills
- Self-motivation
- An ability to adapt protocols and procedures

Experience

Essential

- Substantial experience in clinical and/or research based MRI
- Experience of dealing with members of the public and patients
- Experience of cannulation
- Experience in the use of power injectors
- Experienced in the use of intravenous contrast agents
- Line management experience
- Experience of using systems such as PACS, DICOM
- Ability to work as part of a multidisciplinary team
- Ability to work flexibly including the ability to work flexibly across all sites
- Ability to, at short notice, rearrange work patterns according to business need

Desirable

- Experience of performing PET and/or simultaneous PET-MR imaging
- Experience in handling and injecting radioactive materials
- Experience of working with IR(ME)R and Ionising Radiations Regulations 1999 (IRR99) regulations
- Experience of working in a multi-disciplinary environment with scientists and clinical researchers
- Experience in cross-sectional imaging
- Experience in handling blood samples

Expectations and success factors

- To be a proactive team member and treat all colleagues and students with respect in accordance with the established PS Behaviours
 - To be willing to work across organisational boundaries
 - To seek new knowledge and share ideas
 - To be open and responsive to change and innovation
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