

JOB DESCRIPTION

POST:	Clinical Scientist - Radiological Imaging & Protection Service
LOCATION:	Medical Physics Department, Forster Green Hospital
BAND:	7
REPORTS TO:	Lead Clinical Scientist, Non-Ionising Radiation Group
RESPONSIBLE TO:	Head of Radiological Imaging & Protection Service

Main Duties / Responsibilities

For each of the following, the postholder will;

Principal Activities

- Participate in the provision of scientific support in the delivery of designated services to departments within the region using MRI, Ultrasound and non-ionising radiations (including lasers, UV and other artificial optical sources) and to provide direct support to MRI and US Clinical Scientist leads and LPA including:-
 - Undertake commissioning and routine performance testing of diagnostic and therapeutic Ultrasound systems
 - The provision of advice on the safe use and performance of diagnostic and therapeutic Ultrasound systems
 - Undertake commissioning and routine performance testing of MRI systems
 - The provision of advice on the safe use and performance of MRI systems
 - Undertake commissioning and routine performance testing of non-ionising radiation equipment
 - The provision of advice on the safe use and performance of non-ionising radiation equipment
 - Assessment of facilities using non-ionising radiation sources
 - Analysis and investigation of accidental or unintended non-ionising radiation exposure
 - Assist in the implementation and audit of legislation and other guidance and standards pertaining to MRI, Ultrasound and non-ionising radiation physics
 - Undertake the testing, calibration and selection of equipment for detecting non-ionising radiations.
- Provide scientific input in relation to research and development and in the introduction and evaluation of new procedures and equipment.
- Undertake work on approved research and development projects as agreed with the Head of Radiological Imaging and Protection Service.

- Where appropriate to provide in-house teaching and training of scientific, technical and other staff within the Radiological Imaging and Protection Service, including the production of teaching notes and materials.
- Assist with the provision of lectures, tutorials and practical instruction for medical, scientific, technical and staff in other sections or organisations, as required.
- Assist in the training and supervision of trainee Clinical Scientists and Trainee Clinical Technologists.

General Duties

- Liaise with other staff in Medical Physics as required for the effective provision of radiological physics services.
- Supervise and take responsibility for the work of other Clinical Scientists and Technologist when they are performing work under the postholder's direction.
- Attend training courses and meetings as required and agreed by Head of Radiological Imaging and Protection Service.
- Undertake other duties to maintain existing services or develop new services.
- Comply with the Data Protection Act, respecting our client's rights to confidentiality.
- Participate in Staff Review.
- Maintain accreditation as registered Clinical Scientist with the Health and Care Professions Council (HCPC).

General Responsibilities

Employees of the Trust are required to promote and support the mission and vision of the service for which they are responsible and:

- At all times provide a caring service and to treat those with whom they come into contact in a courteous and respectful manner.
- The post holder will promote and support effective team working, fostering a culture of openness and transparency. The post holder will ensure that they take all concerns raised with them seriously and act in accordance with Belfast Trust's Whistleblowing Policy and their professional code of conduct, where applicable.
- Demonstrate their commitment by their regular attendance and the efficient completion of all tasks allocated to them.
- Comply with the Trust's Smoke Free Policy.
- Carry out their duties and responsibilities in compliance with the Health and Safety Policies and Statutory Regulations.
- Adhere to Equality and Good Relations duties throughout the course of their employment.
- Ensure the ongoing confidence of the public in-service provision.
- Maintain high standards of personal accountability.
- Comply with the HPSS Code of Conduct.

Information Governance

All employees of Belfast Health & Social Care Trust are legally responsible for all records held, created or used as part of their business within the Belfast Health and Social Care Trust, including patient/client, corporate and administrative records whether paper based or electronic and also including e-mails. All such records are public records and are accessible to the general public, with limited exceptions, under the Freedom of Information Act 2000, the Environment Regulations 2004, the

General Data Protection Regulation (GDPR) and the Data Protection Act 2018. Employees are required to be conversant and to comply with the Belfast Health and Social Care Trust policies on Information Governance including for example the ICT Security Policy, Data Protection Policy and Records Management Policy and to seek advice if in doubt.

For further information on how we use your personal data within HR, please refer to the Privacy Notice available on the HUB or Your HR

Environmental Cleaning Strategy

The Trusts Environmental Cleaning Strategy recognises the key principle that “Cleanliness matters is everyone’s responsibility, not just the cleaners” Whilst there are staff employed who are responsible for cleaning services, all Trust staff have a responsibility to ensure a clean, comfortable, safe environment for patients, clients, residents, visitors, staff and members of the general public.

Infection Prevention and Control

The Belfast Trust is committed to reducing Healthcare associated infections (HCAIs) and all staff have a part to play in making this happen. Staff must comply with all policies in relation to Infection Prevention and Control and with ongoing reduction strategies. Standard Infection Prevention and Control Precautions must be used at all times to ensure the safety of patients and staff.

This includes:-

- Cleaning hands either with soap and water or a hand sanitiser at the appropriate times (WHO ‘5 moments’);
- Using the correct ‘7 step’ hand hygiene technique;
- Being ‘bare below the elbows’ when in a clinical environment;
- Following Trust policies and the Regional Infection Control Manual (found on intranet);
- Wearing the correct Personal Protective Equipment (PPE);
- Ensuring correct handling and disposal of waste (including sharps) and laundry;
- Ensuring all medical devices (equipment) are decontaminated appropriately i.e. cleaned, disinfected and/or sterilised;
- Ensuring compliance with High Impact Interventions.

Personal Public Involvement

Staff members are expected to involve patients, clients, carers and the wider community where relevant, in developing, planning and delivering our services in a meaningful and effective way, as part of the Trust’s ongoing commitment to Personal Public Involvement (PPI).

Please use the link below to access the PPI standards leaflet for further information.

http://www.publichealth.hscni.net/sites/default/files/PPI_leaflet.pdf

Clause: ***This job description is not meant to be definitive and may be amended to meet the changing needs of the Belfast Health and Social Care Trust.***

PERSONNEL SPECIFICATION

JOB TITLE / BAND: Clinical Scientist / Band 7

DEPT / DIRECTORATE: Radiological Imaging & Protection Service,
Medical Physics / Imaging, Medical Physics and
Outpatients

Notes to applicants:

1. You must clearly demonstrate on your application form under each question, how you meet the required criteria as failure to do so may result in you not being shortlisted. You should clearly demonstrate this for both the essential and desirable criteria.
2. Shortlisting will be carried out on the basis of the essential criteria set out below, using the information provided by you on your application form. Please note the Trust reserves the right to use any desirable criteria outlined below at shortlisting. You must clearly demonstrate on your application form how you meet the desirable criteria.
3. Proof of qualifications and/or professional registration will be required if an offer of employment is made – if you are unable to provide this, the offer may be withdrawn.

ESSENTIAL CRITERIA

The following are **ESSENTIAL** criteria which will initially be measured at shortlisting stage although may also be further explored during the interview/selection stage. You should therefore make it clear on your application form whether or not you meet these criteria. Failure to do so may result in you not being shortlisted. The stage in the process when the criteria will be measured is stated below.

Factor	Criteria	Method of Assessment
Qualifications Registration Experience	<ul style="list-style-type: none"> • A minimum of a 2nd class Honours degree, or equivalent, in Physics or other appropriate science subject. • Demonstrable experience of MRI and/or ultrasound physics and/or non-ionising radiation physics and safety commensurate with having completed a formal training scheme for clinical scientists. • Registration as Clinical Scientist with the Health & Care Professions Council (HCPC) or achievement of registration within 12 months of appointment. 	Shortlisting by Application Form
Other (e.g. Driving etc.)	<ul style="list-style-type: none"> • Current driving licence and access to a car. <i>'Where disability prohibits driving, this criteria will be waived if the applicant is able to organise suitable alternative arrangements'.</i> 	Shortlisting by Application Form

Knowledge Skills Abilities	<ul style="list-style-type: none"> • Have a good understanding of the principles and practice of MRI, ultrasound and non-ionising radiation physics and technology in a healthcare environment including:- <ul style="list-style-type: none"> - MRI equipment performance and QA - MRI safety - Ultrasound equipment performance and QA - Ultrasound safety - Non-ionising radiation equipment performance - Non-ionising radiation safety • A good understanding of legislation and standards pertaining to the use of MRI, ultrasound and non-ionising radiations in a healthcare environment. • Able to communicate difficult scientific issues to scientists and non-scientists with good verbal, written and audio-visual production & presentation skills. • Good skills in the use of standard software tools for Image processing and digital image handling. • Well-developed skills in the use of common IT applications including Excel, Word, Access, PowerPoint etc. • Good teaching and lecturing skills. • Ability to organise and prioritise own work. • Ability to concentrate when subjected to unpredictable working patterns. • Ability to solve difficult scientific problems independently. • Ability to work effectively as both part of a team and on own. • Positive attitude to change. 	Shortlisting by Application Form And Interview
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DESIRABLE CRITERIA

Desirable criteria will **ONLY** be used where it is necessary to introduce additional job related criteria to ensure files are manageable. You should therefore make it clear on your application form how you meet these. Failure to do so may result in you not being shortlisted.

Factor	Criteria	Method of Assessment
Qualifications Registration Experience	<ul style="list-style-type: none"> • MSc in Medical Physics or a related subject. • PhD in Medical Physics or related subject. • Relevant publication record. 	Shortlisting by Application Form And Interview

NOTE:

Where educational/professional qualifications form part of the criteria you will be required, if shortlisted for interview, to produce original certificates *and* one photocopy of same issued by the appropriate authority. Only those certificates relevant to the shortlisting criteria should be produced. If educational certificates are not available an original letter *and* photocopy of same detailing examination results from your school or college will be accepted as an alternative.

If successful you will be required to produce documentary evidence that you are legally entitled to live and work in the United Kingdom. This documentation can be a P45, Payslip, National Insurance Card or a Birth Certificate confirming birth in the United Kingdom or the Republic of Ireland. *Failure to produce evidence will result in a non-appointment.*

Where a post involves working in regulated activity with vulnerable groups, post holders will be required to register with the Independent Safeguarding Authority.

HSC Values

Whilst employees will be expected to portray all the values, particular attention is drawn to the following values for this role

What does this mean?	What does this look like in practice?
 <p data-bbox="358 583 583 611">Working together</p> <p data-bbox="181 621 764 779">We work together for the best outcome for people we care for and support. We work across Health and Social Care and with other external organisations and agencies, recognising that leadership is the responsibility of all.</p>	<ul data-bbox="808 415 1435 762" style="list-style-type: none">• I work with others and value everyone's contribution• I treat people with respect and dignity• I work as part of a team looking for opportunities to support and help people in both my own and other teams• I actively engage people on issues that affect them• I look for feedback and examples of good practice, aiming to improve where possible.
 <p data-bbox="404 999 539 1026">Excellence</p> <p data-bbox="181 1037 764 1161">We commit to being the best we can be in our work, aiming to improve and develop services to achieve positive changes. We deliver safe, high quality, compassionate care and support.</p>	<ul data-bbox="808 884 1435 1119" style="list-style-type: none">• I put the people I care for and support at the centre of all I do to make a difference• I take responsibility for my decisions and actions• I commit to best practice and sharing learning, while continually learning and developing• I try to improve by asking 'could we do this better?'
 <p data-bbox="342 1388 607 1415">Openness & Honesty</p> <p data-bbox="181 1430 764 1486">We are open and honest with each other and act with integrity and candour.</p>	<ul data-bbox="808 1245 1354 1455" style="list-style-type: none">• I am open and honest in order to develop trusting relationships• I ask someone to help when needed• I speak up if I have concerns• I challenge inappropriate or unacceptable behaviour and practice.
 <p data-bbox="396 1717 550 1745">Compassion</p> <p data-bbox="181 1755 764 1906">We are sensitive, caring, respectful and understanding towards those we care for and support and our colleagues. We listen carefully to others to better understand and take action to help them and ourselves.</p>	<ul data-bbox="808 1602 1398 1833" style="list-style-type: none">• I am sensitive to the different needs and feelings of others and treat people with kindness• I learn from others by listening carefully to them• I look after my own health and wellbeing so that I can care and support others.