

Position Description

Position Title: Nuclear Medicine Physics Trainee

Classification:	FF1 – FF6
Business unit/department:	Molecular Imaging and Therapy
Work location:	Austin Hospital <input checked="" type="checkbox"/> Heidelberg Repatriation Hospital <input type="checkbox"/> Royal Talbot Rehabilitation Centre <input type="checkbox"/> Other <input type="checkbox"/> (please specify)
Agreement:	Victorian Public Health Sector (Medical Scientists, Pharmacists and Psychologists) Single Enterprise Agreement 2021-2025 Choose an item. Choose an item.
Employment type:	Fixed-Term Full-Time
Hours per week:	40 (38+ADO)
Reports to:	Principal Medical Physicist (ACPSEM Supervisor)
Direct reports:	nil
Financial management:	Budget: nil
Date:	October 2025

Austin Health acknowledge the Traditional Custodians of the land on which Austin Health operates, the Wurundjeri People of the Kulin Nation. We pay our respects to Elders past and present and extend that respect to all Aboriginal and Torres Strait Islander peoples.

Position purpose

This is a specialty training position for a physicist to gain certification as a Diagnostic Imaging Medical Physicist (DIMP) / Nuclear Medicine in Australia. The Training Education and Assessment Program (TEAP) and certification process is as stipulated by the Australasian College of Physical Scientists & Engineers in Medicine (ACPSEM).

This position will undertake closely supervised practice and be mentored and guided to develop knowledge and understanding of the role, functions and duties of medical physicists with priority given to radiation safety and education.

About Molecular Imaging and Therapy

The Department of Molecular Imaging and Therapy is the largest academic Nuclear Medicine Department in Australia, and has comprehensive clinical service activities, as well as an internationally renowned research program. The Department has four core clinical service components: Nuclear Medicine imaging, Radionuclide Therapy, Positron Emission Tomography (PET), and Bone Densitometry. The Department also produces radioisotopes on site with in-house Cyclotrons and radiochemistry and QC laboratories and undertakes a wide range of diagnostic and therapeutic examinations and research studies.

The Department of Molecular Imaging and Therapy has 2 locations within Austin Health. Nuclear Medicine imaging, Radionuclide therapy, and PET services are located at the Austin Campus on level 1 of the Harold Stokes Building. Bone Densitometry services are located at the Repat Campus on level 2 of the Centaur Building. There are 2 cyclotrons, solid targetry laboratory, extensive clean room and hot cell facilities, SPECT and PET radiopharmaceutical production and quality control laboratories, and research and development laboratory areas within the Department. There are four SPECT/CT cameras, 3 PET/CT cameras, 2 BMD scanners, a cardiac exercise laboratory, and infusion and therapy rooms used for patient studies and treatment. A world-class research program in neuroscience and oncology also exists within the Department, linked to basic research laboratories and clinical trial activities.

The department has close linkages with other Austin Health Departments, and the University of Melbourne, La Trobe University, Florey Institute and Olivia Newton-John Cancer Research Institute (ONJCRI) for teaching, training and research activities.

Position responsibilities

Role Specific :

- Participate in
 - supervised equipment compliance testing, quality control programs
 - radiation safety procedures and exposure assessments
 - implementation of the Austin Health radiation safety management plan
- Undertake a supervised project as part of the DIMP TEAP
- Produce a poster/oral presentation for national conference purposes
- Liaise with Austin Health Radiation Safety Officer as required
- Provide technical support for the Medical Physics group as required.
- Observe all radiation safety procedures in a manner which is fully compliant with SOPs, Department Policy, and the Austin Health Radiation Management Plan.
- Comply with Good Laboratory Practices, quality control and regulations.
- Perform other related duties incidental to the department operations.

Generic

- Abide by Austin Health corporate policies and practices as varied from time to time
- Participate in Austin Health's performance review and development (PRD) program as required
- Undertake not to reveal to any person or entity any confidential information relating to patients and employees, policies, processes and dealings and not to make public statements relating to the affairs of Austin Health without prior authority of the Chief Executive Officer
- Actively participate in the ongoing identification, assessment, treatment and prevention of risks



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Selection criteria

Essential skills and experience:

- Eligibility to enrol in a Masters of Medical Physics
- A commitment to Austin Health values: Integrity, Accountability, Respect and Excellence
- Well-developed analytical, problem-solving and trouble-shooting skills relating to the use and maintenance of laboratory equipment.
- Demonstrated ability to communicate effectively with staff at various levels, including good written, interpersonal communications, negotiation, consultation and presentation skills

Desirable but not essential:

- A Masters or higher degree in Medical Physics
- An understanding of diagnostic information technology including clinical systems.
- Proficiency in high-level analysis environments, eg. Matlab / IDL / Python

Professional qualifications and registration requirements

- Bachelor of Medical Physics or Science (with Physics major)
- Eligibility for membership to the ACPSEM

Quality, safety and risk – all roles

All Austin Health employees are required to:

- Maintain a safe working environment for yourself, colleagues and members of the public by following organisational safety, quality and risk policies and guidelines.
- Escalate concerns regarding safety, quality and risk to the appropriate staff member, if unable to rectify yourself.
- Promote and participate in the evaluation and continuous improvement processes.
- Comply with the principles of person-centered care.
- Comply with requirements of National Safety and Quality Health Service Standards and other relevant regulatory requirements.

Other conditions – all roles

All Austin Health employees are required to:

- Adhere to Austin Health's core values: *our actions show we care, we bring our best, together we achieve, and we shape the future.*
- Comply with the Austin Health's Code of Conduct policy, as well as all other policies and procedures (as amended from time to time).
- Comply with all Austin Health mandatory training and continuing professional development requirements.
- Provide proof of immunity to nominated vaccine preventable diseases in accordance with Austin Health's immunisation screening policy.
- Work across multiple sites as per work requirements and/or directed by management.



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General information

Cultural safety

Austin Health is committed to cultural safety and health equity for Aboriginal and/or Torres Strait Islander People. We recognise cultural safety as the positive recognition and celebration of cultures. It is more than just the absence of racism or discrimination, and more than cultural awareness and cultural sensitivity. It empowers people and enables them to contribute and feel safe to be themselves.

Equal Opportunity Employer

We celebrate, value, and include people of all backgrounds, genders, identities, cultures, bodies, and abilities. We welcome and support applications from talented people identifying as Aboriginal and/or Torres Strait Islander, people with disability, neurodiverse people, LGBTQIA+ and people of all ages and cultures.

Austin Health is a child safe environment

We are committed to the safety and wellbeing of children and young people. We want children to be safe, happy and empowered. Austin Health has zero tolerance for any form of child abuse and commits to protect children. We take allegations of abuse and neglect seriously and will make every effort to mitigate and respond to risk in line with hospital policy and procedures.



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