



# High School Work Experience Program Nuclear Medicine

at Birtinya

## How does the High School Work Experience Program Nuclear Medicine work?

Nuclear Medicine Scientists/Technologists assist with diagnosing and treating diseases through using small amounts of radioactive materials to produce medical images which assist with diagnosis and monitoring. These medical images show how the body is functioning.



For more information about Nuclear Medicine Scientist/Technologist Career Pathways

The High School Work Experience Program offers students the opportunity to explore career options while still studying at school.

## What are the benefits of the Nuclear Medicine High School Work Experience Program

- Observation and hands on learning in a real-world environment.
- Learn about the profession of Nuclear Medicine whilst still at school.
- Opportunity to explore the Nuclear Medicine Scientist – Embedded Student Program after high school. The NMS-ESP allows tertiary students to study Nuclear Medicine through the Royal Melbourne Institute of Technology, while completing clinical training within Queensland Health.

**Sunshine Coast  
Health**



**Queensland  
Government**

# How does the High School Work Experience Nuclear Medicine Program work?

You will attend three (3) days of supervised placement during one of the intake periods. If the placement period is during the school term, this will mean you will miss three (3) days of normal schooling. Following a selection process, you will be allocated a placement period and will be required to complete relevant mandatory training modules and a site induction. At the end of the program, you will have the opportunity to provide and receive feedback on your experience.

## What will I learn during the placement?

- You will gain exposure to a variety of areas and interact with various aspects of Nuclear Medicine, PET, Radiopharmacy, Radiation Safety, and Administration and Scanning Methods including:
  - Nuclear Medicine (NM) observation
  - Positron Emission Tomography (PET) scan observation
  - Bone Mineral Density (BMD) scan observation
  - Stress Test observation
  - Hot Lab (preparation, handling and storage of radioactive materials) practical session (no radiation involved)
  - Hand hygiene tutorial
  - Image processing tutorial
  - Cannulation of fake arm tutorial
  - NM & PET Tutorial
  - Physics Tutorial with on-site physicist

## What are the placement periods?

Intake/placement periods will be provided in the notification email, when applications open, to all schools who attended Careers Day. Contact SC-Diversity-Inclusion@health.qld.gov.au for more information.

## When do applications open?

All schools who attend Careers Day will be notified via email when applications open or contact SC-Diversity-Inclusion@health.qld.gov.au for more information

## Are you the right person for this opportunity?

To be successful in gaining a place in the Work Experience Program, your application needs to demonstrate these attributes:

- **Current secondary school student** (over age 14) with the ability to commit to three (3) days of in-person attendance at the nominated Sunshine Coast Health facility during one of the placement periods.
- **Willingness to learn** – if you are successful in gaining a place in the program, you will be supervised during your placement. You will be observing and completing hands-on (non-patient contact) tasks.
- **Genuine interest in the Nuclear Medicine profession** – completing the High School Work Experience placement will allow you the opportunity to explore a pathway into a career in Nuclear Medicine.

## How do I apply?

**STEP 1** - Discuss this opportunity with your parent/guardian, school (guidance/careers counsellor) and teachers.

**STEP 2** - Ensure you are available for at least one of the advertised placement periods. You will be asked to nominate your preferred placement period and Sunshine Coast Health will accommodate this preference where possible.

**STEP 3** - Complete the online application form.

## Diversity and Inclusion

We are committed to providing a diverse and inclusive workplace for our people and our community. To find out more, visit Sunshine Coast Health Careers.

## Do you need assistance with your application?

If you need help putting together your application, you can contact your school VET coordinator or Sunshine Coast Health on SC-Diversity-Inclusion@health.qld.gov.au.



### More information

If you or your parent/guardian would like more information about the Nuclear Medicine High School Work Experience Program scan this QR code or email SC-Diversity-Inclusion@health.qld.gov.au

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