

SCIENCE ON THE STREETS

Welcome to Science on the Streets: Careers.

We're going to venture through the heart of Adelaide to discover the science behind the city, with a view to consider the potential study options for students interested in pursuing a career in STEM.

Stop 1: MOD.

MOD. opened in 2018 and is designed to engage 15-25 year olds in STEM through interactive exhibitions and programs.

Exhibitions are two year in the making, and the team works with a wide range of people, from researchers and scientists to artists or musicians, as well as students, exhibitions builders, and software developers.

Stop 2: MOD. Garden - view of RAH and SAHMRI

Here you have a view of two of the main sites in

Adelaide's biomedical precinct.

SAHMRI is the first research institute of its kind in SA and is home to 700 researchers. Affectionately known as the cheese grater, architects Woods Bagot designed it to resemble a human cell with the panels representing the diversity of communities served by SAHMRI.

The RAH is Adelaide's main hospital, caring for 500,000 people annually with help from 25 robots and many clinicians.

It was important for the RAH to be in touch with nature, so it was designed with 3.8 hectares of green space, including 100,000 trees, 70 courtyards, sky gardens on nine levels, three wetland walks, and an Aboriginal Garden.

Stop 3: Australian Network for Art and Technology

ANAT has been at the forefront of artists working in science and tech for over 30 years. They support innovation across art, science, and technology.

Stop 4: Parliament House

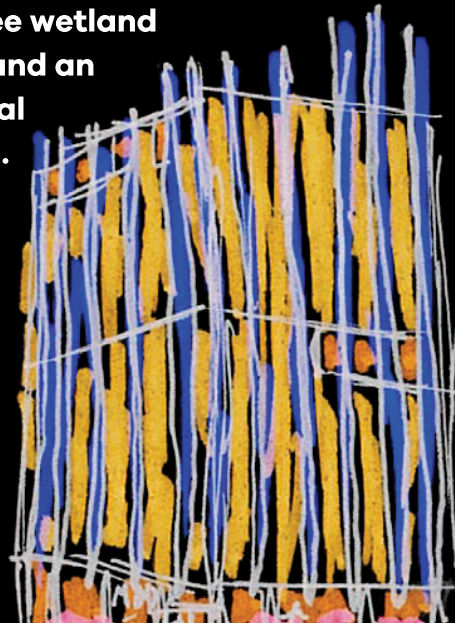
Parliament House might not be the first site you think of when it comes to science, but advancement needs to first get through parliament.

Currently, parliament is trying to reform systems so that we can make better use of sustainable energy and natural resources. One area of legislation we can be

MOD.
A MUSEUM
OF DISCOVERY.



SAHMRI



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proud of is leading the way on reducing plastic. SA was the first state to ban plastic shopping bags in 2009 and in March 2021 was the first state to ban on single-use plastics like straws and cutlery.

Stop 5: University of Adelaide

The University of Adelaide was the first university in South Australia, founded in 1874. There have been many significant moments in science here.

Edith Emily Dornwell was the first woman graduate and the first female science graduate from the University in 1885. She went on to have a career in education.

Sir Howard Florey studied medicine here before going to the UK as a Rhodes Scholar. In 1941 he carried out the first clinical trials on penicillin.

Stop 6: University of South Australia

The University of South Australia was formally

established in 1991, but it has foundations in a variety of colleges and schools that date back to the 1800s.

The School of Mines and Industry is a good example of this.

The School of Mines and Industry was established in 1889 and provided courses in various forms of engineering (mining, mechanical, and electrical), as well as metallurgy.

Today, UniSA teaches and researches beyond these disciplines, with students learning professional skills and knowledge that drive lifelong learning

Stop 7: Lot Fourteen and Australian Institute for Machine Learning

Lot Fourteen's buildings were built on the site of the Old Royal Adelaide Hospital.

This global precinct is focused on innovation, entrepreneurship, research, education, culture, and tourism - to

grow jobs and the South Australian economy.

AIML is one of the significant organisations on the site. They are Australia's first institute dedicated to machine learning and artificial intelligence.

They do work in a range of businesses, including space, environmental science, and agriculture

Stop 9: Australian Space Discovery Centre

ASDC is the only building in Lot Fourteen that is open to the public, but is also the public face of the Australian Space Agency.

They aim to educate students on the possibilities of their career in space, with an exhibition that focuses on the way that space technologies benefit the daily conveniences of all Australians.

