



CAS Vacation Studentships 2023

Applications open now!

astronomy.swin.edu.au/study/vacstudents

Closing 25 August 2023

Apply to join us at the Centre for Astrophysics and Supercomputing on Swinburne's Hawthorn Campus!

With 24 research faculty, 22 postdoctoral researchers, and nearly 50 PhD students, CAS is a vibrant, friendly environment for studying most fields of astronomy. Swinburne Astronomers have guaranteed access to the twin Keck 10-m Telescope in Hawaii - the world's premier optical observatory - and CAS owns and operates one of Australia's most powerful supercomputers - OzSTAR.

Would you like to learn about galaxies, supernovae, space debris, and/or gravitational waves while also learning how exciting research is and how it is conducted?

Are you an enthusiastic university student in the last, or second last, year of your undergraduate or Honours/Masters degree at an Australian or New Zealand university?

As a CAS Vacation Student, you will join a research project, or possibly help start a new one, in one of the many areas in which CAS staff and postdocs are experts.

Projects on offer in 2023 include focuses on:

- Radio and optical transients
- Gravitational waves
- Satellites and space debris
- Ultra-diffuse galaxy formation
- Dark matter detection
- Fundamental constants in distant galaxies
- Element production in early stars
- Binary black holes and pulsars

Students will take part in research over 8 weeks between November 2023 and February 2024.

You will receive a tax-free stipend of \$750 per week. An additional \$250 is available for students based in New Zealand to offset the increased cost of relocation.