**ISS2023**

**The 43rd Professor Harry Messel International Science School – July 2023, Sydney**

Every two years, the University of Sydney hosts the Professor Harry Messel International Science School (ISS). After a two-year break due to the Covid-19 pandemic, they are excited to announced that the 43rd ISS programme is schedule from **Sunday 2 July to Saturday 15 July.**

Royal Society Te Apārangi has agreed to administer the selection process of five Year 12 to Year 13 students to represent Aotearoa New Zealand to participate in this fabulous opportunity.

The ISS is a free, biennial science event that celebrates and honours excellence in young people displaying and interest and aptitude for science, aiming to encourage these students to pursue careers in science and related areas. Approximately 140 students participate from across Australia, China, Japan, India Thailand, United Kingdom and the USA.

All participants will spend two weeks living together in boarding accommodation, which provides a unique opportunity for socializing and meeting new friends. Accommodation costs and activities are all paid for by ISS.

All applicants must complete this application form and send **three** copies of this as well as the other documentation that is required.

**A school can nominate a maximum of two students.**

**IMPORTANT**

**Please note that those who are selected are responsible for their cost of travel to attend ISS in Sydney. Royal Society Te Apārangi is unable to support any costs.**

**ELIGIBILITY CRITERIA**

(Please read carefully)

* **The applicant must be a New Zealand citizen or have permanent New Zealand residency**.
* The applicant should have a genuine interest and aptitude in science.
* The applicant should be seriously considering a career in the science or relating areas.These can be taken **to include natural, physical, mathematical and information sciences, applied sciences, technology, engineering, social science and multi-disciplinary science**

**CRITERIA**

* The applicant must be studying at least two science subjects and preferably three and attaining at least a merit and preferably an excellent grade especially in their science learning areas.
* The applicant must have excellent oral and communication skills.
* The applicant should be involved in the school community in a leadership role or participating in extra-curricular school activities.

**A TYPICAL ISS PROGRAM**

Details for the 2023 program are still be developed, but here’s a taste of what’s in store.  
  
**The ISS Lecture Series**, the backbone of the program, features talks by world-leading researchers from across the sciences and engineering. In the past we have had Nobel prize winners alongside up-and-coming researchers — all with an inspiring story to tell.

**Activities & Tours**: get hands-on with experiments, lab tours, seminars and workshops to extend your skills, get your brains working, and help you get to know other students. The program features activities from across the breadth of science — past ISSs have included:

— Tour amazing science research labs at the University of Sydney, in physics, chemistry, biosciences, engineering, IT, geoscience, and much more

— Try a bunch of surprising hands-on experiments from the Faculty of Science science communicator team

— Speed-meet-and-greet some of our best up-and-coming young researchers from across science and engineering

— Wrap your mind around tricky scientific moral and ethical challenges in our Ethics & Leadership Workshops

— Take A behind-the-scenes look at the University's museum collections

— Compete for glory in the Science & Engineering Challenge, developed by the University of Newcastle.

**A Packed Social Calendar**: after the science is done for the day, we have a swag of social events to help you all get to know each other, such as:

— A **dinner cruise of beautiful Sydney Harbour** — when you've taken photos of the Opera House and Harbour Bridge from every possible angle, get on the dance floor as the on-board DJ cranks up the volume.

— **Nightly social events** including a trivia competition, movie and games nights ... and grab your boots and best flanno shirt for the traditional ISS Bush Dance (trust us, it's great fun).

— **The ISS Gala Reception** — a chance to meet our past alumni, donors and sponsors of the program, and soak up the Hogwarts-esque grandeur of the University of Sydney's Great Hall.

**To apply please contact:**

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