



AUSTRALIAN
SCIENCE
INNOVATIONS

PARTNER WITH US

PROPOSAL



HISTORY

For over thirty-five years, Australian Science Innovations has inspired young science-loving students through educational outreach programs including the Australian Science Olympiads, the Big Science Competition and Curious Minds.

An innovative and independent not-for-profit, Australian Science Innovations aims to enable Australia's most brilliant young scientific minds to compete in the International Science Olympiads through exceptional education and mentorship programs. We foster a culture of innovation, inclusion and excitement about studying and working in science, to support Australia's ambition to become a global Science, Technology, Engineering, and Mathematics (STEM) superpower.

We are committed to increasing the diversity of STEM professionals in the workforce through the delivery of high-performing programs aimed at redressing inequity in student outcomes due to gender and socioeconomic or geographic disadvantage.



35,500
STUDENTS
take part in our
programs annually



5
PARTNERS
Helping us take our programs
to the next level



374
SCHOOLS
take part in our programs, both
in Australia and overseas



35+ YEAR
HISTORY
We've been doing this
since 1986!

PROGRAMS

We deliver three key programs, each aimed at fostering a love of science and supporting science-loving students to identify their capability in science and unlock their hidden potential.

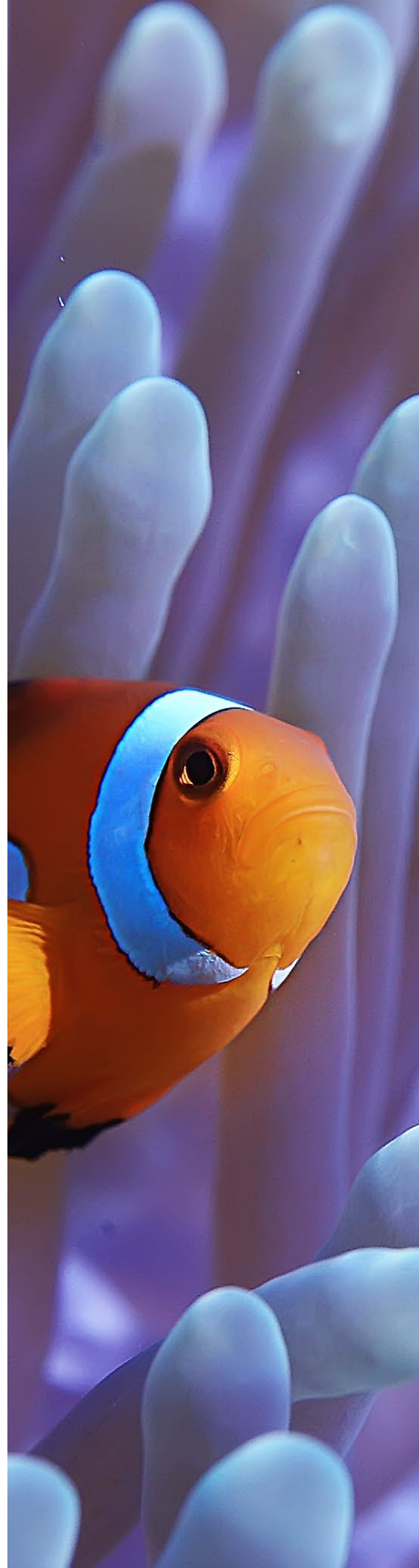


Our flagship program is the Australian Science Olympiads. Australian Science Innovations has selected and developed the top science talent in preparation for the International Science Olympiads for over thirty-five years. The program consists of challenging exams, enriching face-to-face summer schools, and guided online training across Biology, Chemistry, Earth and Environmental Science, and Physics for students in Years 10-12.

In 2020, Australian Science Innovations joined the International Junior Science Olympiad (JSO) which focuses on general science knowledge for students up to sixteen years of age. The JSO program includes three components: the Junior Science Olympiad Spring School, the Junior Science Olympiad Academy and the Junior Science Olympiad Training Squad.

The JSO Academy is a rigorous online program for high-achieving science-loving students who are preparing for the JSO Exam and who may be looking ahead to the senior Science Olympiads. The Academy aims to assemble a diverse group of students from as wide a variety of schools as possible.

The JSO Training Squad is a self-paced online program aimed at regional and rural students and students from low-socioeconomic areas. It aims to redress inequity in student outcomes due to gender and socioeconomic or geographic disadvantage by providing a legitimate acceleration and extension opportunity for science-loving students.





PROGRAMS



The Big Science Competition challenges students in Years 7 – 10 to think outside of the box with several multiple choice questions designed to encourage critical thinking and problem-solving skills.

Based on situations encountered by real-life scientists, the Big Science Competitions aims to help students to see science outside of the classroom, and benchmarks their results against national standards, providing valuable data for teachers.



Curious Minds empowers girls who are passionate, high performers in STEM to explore their full potential, through a six-month hands-on extension and mentoring program. The program targets students in regional, rural and low socio-economic areas and focuses on increasing girls' confidence in the classroom.



THE FUTURE IS NOW

As a country, we face a severe shortage of STEM professionals. When we invest in science-loving students, we're investing in future scientific breakthroughs, future industry, and a future workforce equipped to solve the big challenges facing humanity.

To get there, we need to tackle three key areas:

SIGNIFICANT STEM SKILLS SHORTAGE

Despite substantial evidence outlining the issues impacting Australia's performance in STEM, and significant investment in both schools and extra-curricular programs, Australia is facing a likely significant STEM skills shortage with consequential impacts on the economy, employment outcomes and the capacity of the country to respond to technological disruption.

LOSS OF INTEREST IN STEM AFTER JUNIOR YEARS

Compared to students in Year 4, those in Year 8 are more likely to report that they do not like science and mathematics and are less likely to report experiencing engaging teaching in their mathematics and science lessons. The number of students completing secondary school with advanced STEM subjects continues to decline.

INEQUITY IN STEM EDUCATION

Australian data shows that inequities currently exist in STEM. Girls, students from low socio-economic status backgrounds, Aboriginal and Torres Strait Islander students, and students from non-metropolitan areas are less likely to engage with STEM education and therefore have a higher risk of not developing high capabilities in STEM-related skills. These groups are more likely to miss out on the opportunities STEM-related occupations can offer.



PARTNERING WITH ASI

A partnership like no other. Make a difference in the lives of young adults passionate about science at a critical time in their careers. Showcase science careers and contribute to building your future workforce.

BENEFITS

AUDIENCE

Australian Science Innovation reaches over 30,000 students in Year 7 – 12 across Australia annually. Many of these students are high-performers interested in science and strongly considering university study and careers in STEM.

DIVERSITY AND INCLUSION

Australian Science Innovations recognises the deep need for science to represent a range of voices. We are committed to providing students with the tools they need to succeed and to see themselves represented in the vast careers and disciplines of science.

PIPELINE TO INDUSTRY

Prepare your organisation for the future by engaging the talent you need to grow, evolve and overcome future challenges.

- 94% of our alumni are employed in STEM fields.
- 88% of alumni agreed that the Australian Science Olympiad influenced their career decisions.

WHERE OUR ALUMNI WORK:



23%

work in
medicine



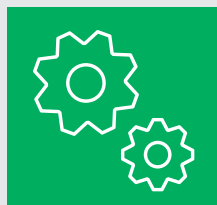
17%

work in
computer
science



13%

work in tertiary
education



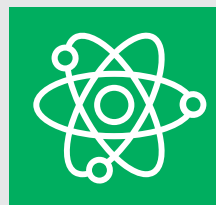
11%

work in
engineering



9%

work in
financial
services



6%

work in physical
sciences



**AUSTRALIAN
SCIENCE
INNOVATIONS**

INVESTING IN THE FUTURE

Support Australian Science Innovations to deliver first-class science enrichment programs and have a positive impact on thousands of students, teachers and families. Contribute to building Australia's scientific capability and help Australia achieve its ambition to become a global STEM superpower.

**Contact us to discuss
sponsorship opportunities.**

**Alyssa Weirman
Executive Director
ed@asi.edu.au**

www.asi.edu.au

