



AUSTRALIAN YOUTH AEROSPACE FORUM



AUSTRALIAN YOUTH AEROSPACE ASSOCIATION INC

Australian Youth Aerospace Forum Information Package and Scholarship Information Booklet

The Australian Youth Aerospace Forum (AYAF) is an annual five-day interactive conference designed to showcase the aerospace industry to Year 11 and 12 students from across Australia. The aim is to provide a platform for students to connect with like-minded peers, and gain a clearer understanding of the pathways available to them after high school.

The AYAF is an event run by The Australian Youth Aerospace Association (AYAA), and funded through a combination of corporate sponsorship, government grants and direct contribution by attendees.

1. Event Details

1.1. Delegate Activities and Events over the Week

The AYAF is a jam-packed week! Over the past years, students have participated a range of exciting activities:

- Presentations from UQ, QUT and Griffith University on a range of aviation and aerospace based topics.
- Introduction to UQ facilities, including advanced engineering building and the UQ centre for Hypersonics.
- Activities at UQ and QUT, including as the design, construction and launch of a model rocket, team trivia, building balsa-wood gliders, the programming of a small autonomous vehicle and introduction to electrical systems and components.
- Presentations from companies such as Raytheon, GE Aviation, Insitu Pacific, Boeing, DST Group and the Australian Defence Force.
- Tours of industry facilities, such as the Qantas maintenance hangar, Airbus Group Australia Pacific, Sikorsky Helitech, Aviation Australia and the QUT Research Engineering Facility (REF)

**The exact timetable varies annually depending on availability of sponsors for presentation and on-site tours.*

1.2. Dates and Times

The AYAF is held during the winter school holidays. Exact dates for each year can be found on the website, as they vary annually depending on the Queensland term dates.

The forum begins with student check-in on the Monday at 8am, and closes at approximately 6pm after the closing ceremony on the Friday. If students are travelling long distances or it is inconvenient to arrive before 8am on Monday, they are required to arrive a day early (Sunday). See the 'Students Outside of Brisbane' section of this document for more details.

1.3. Accommodation and Meals

All accommodation at AYAF will be at one of the UQ Colleges, delegates will stay in a single bedroom with a shared bathroom facility. Male and female quarters are separate and the College has 24/7 security and night porters.

Many of our events are hosted in the evening after which students have time to connect with their peers and in a casual setting, a chance to form lasting friendships. We also run a very tight schedule, and, must adhere to strict time limits set by our tour hosts and presenters. For this reason, students living locally cannot leave and return to the forum each day.

Breakfast and dinner will be provided by the College. A packed lunch will be provided to students each day. Special dietary requirements can be arranged on request.

1.4. Transport During the Forum

Students will travel together to events outside of the University of Queensland with AYAF staff on a chartered coach.

2. Applications and Fees

2.1. Application Dates

Applications will open the year of the forum, with exact dates listed on the website. There are 60 delegate places available. Due to the small number of places available, successful applicants will have one week to respond to their offer to AYAF otherwise their place may be given to another student.

2.2. Applicant Selection

We are looking for enthusiastic year 11 and 12 high school students with a passion to learn more about the industry. We don't require students to have extensive involvement in aerospace, only to show a keen interest in learning more and participating in all of our exciting activities. This forum is for anyone interested in studying at university, becoming a commercial or defence force pilot, working as an aircraft or helicopter technician or as a member of airport ground staff or airline flight crew. For this reason, you don't have to be studying Physics, Mathematics C, or Aerospace to attend.

Note: Due to accommodation and transport logistics, there currently are only sixty (60) places available for students. Extra consideration will be given to students living in rural or remote areas who have lesser opportunities to access similar events.

2.3. Fees

Fees can be found on the AYAF webpage as they are subject to change annually.

2.4. Withdrawals and Refunds

Successful applicants who have paid and are later unable to attend the forum must notify the Student Liaison team no later than one month before the forum to receive a full refund. Students who don't notify the Student Liaison team in time will not be eligible for a refund.

3. Scholarships and Travel Equity Bursaries

Thanks to our sponsors, the AYAF is able to provide a number of scholarships and travel equity bursaries to our students.

3.1. Scholarships

Scholarship offered can change annually. The Scholarship Details Booklet for AYAF 2018 can be found at the conclusion of this document. Recipients of the AYAF scholarships will be asked to write a testimonial of their experience upon completion of the forum.

3.2. Travel Equity Bursaries

Travel equity bursaries are available for students living in regional or remote areas who are required to travel long distances to attend AYAF. The level of financial support provided is determined on a case by case basis, with the aim of assisting as many students as possible who might not otherwise be able to attend the conference due to financial reasons.

Upon acceptance, students applying for the travel equity bursary will be required to provide the cost of their transport to the forum. The organising committee will assess all bursary applications and notify students of the amount able to be paid for by the AYAF. This amount will be deducted from the initial forum fee.

3.3. Scholarship and Travel Equity Application Process

Students can nominate to apply for a scholarship or travel equity bursary on their initial AYAF application. If the student's AYAF application is successful, they will be sent additional scholarship application forms with submission details. Successful forum applicants will then be assessed together and notified of the outcome of their scholarship application shortly after.

4. Information for Students Located Outside of Brisbane

4.1. Transport

AYAF will organise pick-ups and drop-offs for all students arriving in Brisbane via an airport, bus station or train station. Transport requirements can be indicated in the application form, and will be organised with successful applicants shortly after. This service is free.

4.2. Accommodation

Students travelling long distances who are unable to arrive by 8am on the Monday will be required to arrive on Sunday and stay at the same University of Queensland accommodation as the forum. The AYAF concludes with a closing ceremony and celebration on Friday at 6pm. Any students wishing to fly out of Brisbane on Friday night must book their tickets after 8pm. If students are unable to fly out after this time, they will be required to stay Friday night and fly out Saturday morning. AYAF staff will be available to collect and return students to the airport/bus/train station.

The accommodation will be fully supervised by both AYAF staff and UQ College security. The cost of the Sunday and Friday night accommodation can be found on the AYAF website. The extra fee will include all meals.

5. Staff, Safety and Security

5.1. AYAF Staff Members

AYAF staff are a mixture of current university students studying aerospace and related fields and young industry professionals employed in the aerospace industry. All staff and committee members undergo a staff training course, have had police checks, and hold blue cards. All staff and committee profiles are available on the AYAF website.

5.2. Safety and Security

Students are supervised during all AYAF events, with a staff member assigned to each group of four (4) students. Groups will be paired together for activities, with the groups rotating so that students interact with all attendees. Periods of time are allocated for students to relax and mingle at the end of each day. General staff supervision is provided during these times. The AYAF staff team also has a dedicated first aid officer and carry first aid kits. Additional emergency coverage is provided at university campuses by their security services which include 24 hour paramedics on staff.

There is a 24-hour security guard at the UQ College where the students are staying and a night porter who can assist students after lights out if needed. Security also ensures students are not out of their rooms after lights out.

During industry visits, security is provided by each individual industry group at their location and students are required to obey instructions of our guides. During certain site visits, restrictions including the use or possession of mobile telephones and other electronic devices may be required and is strictly enforced. Students will be notified at the start of each day regarding the security requirements of each industry tour.

6. Contact

For general AYAF enquiries, please contact ayafbris@ayaa.com.au. For students interested in attending, please contact student.liaison@ayaa.com.au with any questions.

Scholarship Details Booklet 2018

The Australian Youth Aerospace Forum (AYAF) is an annual five-day interactive conference designed to showcase the aerospace industry to Year 11 and 12 students from across Australia. The aim is to provide a platform for students to connect with like-minded peers, and gain a clearer understanding of the pathways available to them after high school. The AYAF is an event run by The Australian Youth Aerospace Association (AYAA), and funded through a combination of corporate sponsorship, government grants and direct contribution by attendees.

Available Student Scholarships for 2018

Thanks to the support of our sponsors, AYAF 2018 has been able to fund the following scholarships:

- Female Student Scholarships*
- Women in Engineering Female Student Scholarship
- Indigenous and Torres Strait Islander Student Scholarships*
- STEM.I.AM Scholarship for Indigenous and Torres Strait Islander Students
- Royal Aeronautical Society Scholarship
- Dalby Space Collective Regional Student Scholarship
- AYAA Travel Equity Support for Regional and Rural Students

****sponsors for these scholarships to be announced shortly***

Students are encouraged to apply to any and all scholarships they qualify for. Only one scholarship will be awarded per student. Students who receive a scholarship are also eligible to receive AYAA travel equity support.

Female Student Scholarships

Sponsor to be announced shortly

Number of Scholarships Available: 2

Eligibility: This scholarship is available to female students to who apply to attend AYAF

Value: This scholarship covers the full AYAF fee (\$300). Two (2) recipients of this scholarship will also be provided travel equity assistance if they are travelling long distances to attend AYAF.

Selection Process: Students who nominate to apply for this scholarship will be sent a separate application form if their application to AYAF is successful.

Indigenous and Torres Strait Islander Student Scholarships

Sponsor to be announced shortly

Number of Scholarships Available: 2

Eligibility: The scholarship is available to Aboriginal and Torres Strait Islander students who apply to attend AYAF.

Value: The scholarship covers the full AYAF fee (\$300) and will also provide travel equity assistance if needed.

Selection Process: Students who nominate to apply for this scholarship will be sent a separate application form if their application to AYAF is successful.

Women in Engineering Female Student Scholarships



The WE program is an award winning, gender equity program supported by its industry program partners: Rio Tinto, The Australian Power Group (API) and The Australian Petroleum Production & Exploration Association (APPEA) (on behalf of their members) and Origin Foundation. University –led and Industry supported, WE inspires young women to consider a career in engineering. Through various educational activities and events, WE...

- Educate female high school students about engineering
- Support female university engineering students
- Connect with industry for a smooth workplace transition

Number of Scholarships Available: 2

Eligibility: This scholarship is available to female students to who apply to attend AYAF

Value: This scholarship is covers the full AYAF fee (\$300).

Selection Process: Students who nominate to apply for this scholarship will be sent a separate application form if their application to AYAF is successful.

STEM.I.AM Indigenous and Torres Strait Islander Student Scholarship



STEM.I.AM is about encouraging Indigenous children and youth to see STEM-related education as an important building block to their future. The initiative takes its inspiration from Australia's first Aboriginal inventor, engineer, author and activist—David Unaipon. Unaipon was a significant contributor to science and literature in Australia and the world.

STEM.I.AM was founded by Wayne Denning, proud Birri Gubba man and Managing Director of Carbon Creative—a creative advertising agency based in Brisbane, Australia.

Number of Scholarships Available: 2

Eligibility: The scholarship is available to Aboriginal and Torres Strait Islander students who apply to attend AYAF.

Value: The scholarship covers the full AYAF fee (\$300) and may also include travel equity if needed.

Selection Process: Students who nominate to apply for this scholarship will be sent a separate application form if their application to AYAF is successful.

Royal Aeronautical Society Scholarships



The Royal Australian Aeronautical Society (RAeS) is a multi-disciplinary professional institution for the aerospace industry with branches in all major Australian cities, regular events, and a commitment to continuous professional development.

Number of Scholarships Available: 2

Eligibility: Awarded to a passionate aerospace student showing initiative in their community.

Value: The scholarship covers the full AYAF fee (\$300)

Selection process: Students who nominate to apply for this scholarship will be sent a separate application form if their application to AYAF is successful.

Dalby Regional Student Scholarship



DALBY SPACE COLLECTIVE **“GETTING AUSTRALIA TO SPACE”**

We are a small group that is solely funded by our founder Dr. Peter Broxham, PhD whose goal is to open peoples' mind to what is possible in a space or science focussed career. Our group was formed in 2015 with the aim of involving as many community members of all ages in science and space activities by means of;

- Model rocketry
- Astronomy
- Astrophotography
- Sharing employment pathway contacts
- Running give aways of telescopes and science learning packs

Number of Scholarships Available: 1

Eligibility: Awarded to a student from an eligible school (see list below), who shows an enthusiasm to learn about aerospace and hopes to follow a STEM related pathway after high school.

Eligible schools are:

- Dalby State High
- Chinchilla State High
- Tara Shire State High
- Miles State High
- Beerwah State High School

Value: The scholarship covers the full AYAF fee (\$300)

Selection process: Students who nominate to apply for this scholarship will be sent a separate application form if their application to AYAF is successful.

AYAA Travel Equity Bursaries

Travel equity bursaries are available for students living in regional or remote areas who are required to travel long distances to attend AYAF. The level of financial support provided is determined on a case by case basis, with the aim of assisting as many students as possible who might not otherwise be able to attend the conference due to financial reasons.

Upon acceptance, students applying for the travel equity bursary will be required to provide the cost of their transport to the forum. The organising committee will assess all bursary applications and notify students of the amount able to be paid for by the AYAF. This amount will be deducted from the initial forum fee.

Contact

For any questions or queries regarding scholarships for AYAF 2018, please contact the scholarships manager at scholarships.ayaf2018@gmail.com