Next term is going to be a very busy term, especially with VTAC applications opening up and year twelves will start to action their plans and preferences. Year eleven students (11G & 11H) will have their careers counselling take place early next term. Our Year 10 students have worked hard to secure interesting and exciting work experience placements. We hope you gain valuable insight into your chosen industry and have plenty to share with us when you get back next term!

Have a happy and safe holiday break.

Ms Chloe Baker
Careers Coordinator
03 8734 2800
baker.chloe.c@edumail.vic.gov.au

Quick facts about William Angliss Institute (WAI)

• WAI has a campus in both Melbourne and Sydney, but also has joint-ventures with China, Singapore, Thailand, Sri Lanka and Malaysia
• WAI is one of Australia's largest specialist centres for foods, tourism, hospitality and events training
• WAI offers a broad range of courses from Certificate level to Bachelor degrees
• Courses are categorised in three groups:
  1. Food Trades and Culinary Arts - Foods
  2. Tourism, Travel & Resorts - Tourism
  3. Hospitality and Hotel Management - Hospitality
• WAI also offers apprenticeships and traineeships - Apprenticeships and Traineeships, and short courses - Short Courses
• WAI offers a two-week short course titled Certificate II in Tourism (Flight Attendant Pre-Training Course) structured to provide students with an understanding of the aviation industry, emergency procedures, customer service and scripted commentaries. Students will attain industry recognised units including Responsible Service of Alcohol and Apply First Aid. On graduation students will be fully prepared for the application process for flight attendant positions through the major airlines - Flight Attendant Pre-Training
• WAI offers a range of courses in events, from certificate to bachelor level - Events Management
• Another specialised area WAI offers training in is Resort Management and students get to gain specialised industry training and qualifications tailored to particular areas of the industry, including alpine, dive, water recreation and spa and wellness - Resort Management
• Students keen on the travel and tourism courses offered at WAI might like to access a dedicated blog that provides ongoing snippets of information about students’ activities, travels and insights as they proceed through semester - Tourism and Travel Blog

The Melbourne JD Showcase

Law offers an exciting range of career opportunities, not just in the legal profession but in the business world, government or community sector. The Melbourne JD (Juris Doctor) is a graduate program, meaning you first complete an undergraduate degree in any field, before moving to the specialist study of the law.

The university will be hosting its annual one-day Melbourne JD Showcase these upcoming school holidays – specifically designed for students who are interested in pursuing law at university. Year 11 – 12 students are invited to attend and learn what life as a student in the Melbourne JD is like.

<table>
<thead>
<tr>
<th>Date</th>
<th>Tuesday 7 July 2015</th>
</tr>
</thead>
<tbody>
<tr>
<td>Time</td>
<td>9.00am – 3.00pm</td>
</tr>
<tr>
<td>Venue</td>
<td>Melbourne Law School, 185 Pelham Street in Carlton</td>
</tr>
<tr>
<td>Cost</td>
<td>$20 (inclusive of morning tea and lunch)</td>
</tr>
</tbody>
</table>

Students must submit an expression of interest although this is not registration for this event. Applications for expressions of interest close at noon on Monday 22 June. Notifications of the outcome will be sent by email on Wednesday 24 June.

Visit JD Showcase - Expression of Interest
News from Monash

➢ **Year 10 Independence Day**
This event will give Year 10 students a chance to discover their options at Monash and life at university. Students will also learn about pathways, how to choose a course, finding inspiration, as well as participate in a large range of workshops presented by both current Monash students and Faculty staff.

| Date: | Thursday 2 July 2015 |
| Time: | 11.00am – 3.30pm (light lunch provided) |
| Location: | Clayton Campus, Robert Blackwood Concert Hall, (Building 2, 49 Scenic Boulevard) |

Registration is essential as this event is very popular. To view the program, and to register, visit Year 10 Independence Day

➢ **Year 11 Inspiration Day**
At the Year 11 day students will have the chance to learn the different course options at Monash and life at university. Students will also learn about pathways, how to choose a course, finding inspiration, as well as participate in a large range of workshops presented by both current Monash students and Faculty staff.

| Date: | Wednesday 8 July 2015 |
| Time: | 11.00am – 3.30pm (light lunch provided) |
| Location: | Caulfield Campus, Building H, Exhibition Space H1.16 |

Registration is essential as this event is very popular. To view the program, and to register, visit Year 11 Inspiration Day

➢ **Pharmacy Open House**
You can do all the research in the world, but nothing beats seeing it for yourself. The Faculty of Pharmacy & Pharmaceutical Sciences at Monash University is hosting an Open House event in August and invites students to go along and learn about the courses, facilities; meet staff and students, and even get to speak with some ground breaking researchers.

| Date: | Sunday 16 August 2015 |
| Time: | 10.00am – 3.00pm |
| Venue: | Monash Parkville Campus, 381 Royal Parade in Parkville |

For more information or to register for regular updates, visit Pharmacy Open House

News from Deakin

Clinical Exercise Physiology at Deakin University
Do you enjoy studying sport at school and want to make a career out of it? Clinical exercise physiology could be the career for you!

Where physiotherapists assist people with movement disorders using techniques to assist muscles and joints to move to their full potential, clinical exercise physiologists use exercise to prevent and rehabilitate disease and injury in the community.

An Accredited Exercise Physiologist (AEP) is formally recognised by the Department of Health and Ageing as an allied health professional, which means that they are able to deliver Medicare-compensable services.

Deakin's Master of Clinical Exercise Physiology aims to produce quality exercise physiologists who can use exercise to prevent and rehabilitate disease and injury in the community, and this course is accredited by Exercise and Sports Science Australia (ESSA).

To be eligible to apply for the master’s program, students must be able to demonstrate eligibility for exercise scientist accreditation from ESSA, and provide evidence of 140 hours of exercise service delivery for apparently healthy clientele. Students can achieve this by studying Deakin's Bachelor of Exercise and Sport Science, undertaking the accredited exercise science - ESSA sequence.

Students can hear more about studying Deakin's Master of Clinical Exercise Physiology with this video Master of Clinical Exercise Physiology Video

Students may also choose to browse Master of Clinical Exercise Physiology
Career as a Physiotherapist

Physiotherapists work in hospitals, rehabilitation centres, aged-care facilities, centres for the physically disabled, maternity hospitals, education and research. Some are self-employed but they often work as part of a team of health professionals.

A useful website to browse is Physiotherapy Board of Australia

A physiotherapist may perform the following tasks:

- assess the physical condition of patients to diagnose problems and plan appropriate treatment
- use a range of techniques to strengthen and stretch muscles and joints to improve patient mobility (such as massage, hydrotherapy, breathing and relaxation techniques)
- perform spinal and joint mobilisation and manipulation
- use equipment such as heat packs, exercise equipment, ice packs, ultrasound and electrotherapy to ease pain, reduce swelling and improve range of movement
- re-train patients to walk or to use devices such as walking frames, splints, crutches and wheelchairs
- educate patients, their families and the community to prevent injury and disability and to lead healthy lifestyles

Job Guide - Physiotherapist
In Victoria an undergraduate course in physiotherapy is currently offered at:

Charles Sturt University (Albury Wodonga)
Bachelor of Physiotherapy (Honours)
Charles Sturt - Physiotherapy

La Trobe University (Albury Wodonga, Bendigo, Melbourne, Mildura, Shepparton)
Bachelor of Applied Science and Master of Physiotherapy Practice
La Trobe Physiotherapy

Monash University (Peninsula Campus)
Bachelor of Physiotherapy (Honours)
Monash - Physiotherapy

Jobs related to physiotherapy and well worth reading up on are –

Chiropractor, Massage Therapist, Medical Practitioner, Occupational Therapist, Osteopath, Speech Pathologist and Sports Scientist

A very useful website to browse these and hundreds of other jobs is the Job Guide - Job Guide

Snapshot of Australian Catholic University

- ACU has seven campuses across Australia and a new campus in Rome - ACU Campuses
- There are over 33,000 students nationally
- ACU can proudly claim that 93% of its graduates find employment within 4 months of graduation
- Besides its wide range of institutes and centres, ACU also has four faculties – Education and Arts, Health Sciences, Law and Business, Theology and Philosophy
- ACU students can attend an overseas university in more than 16 countries, complete international internships, and work in community programs around the world – all while receiving credit towards their degree - Study Abroad and Exchange
- Community engagement is also a core part of every student’s experience at ACU, to the point where it’s embedded within its courses. This allows students to give back to their communities and make a difference through opportunities such as volunteer experience programs - Community Engagement
- ACU has an alternative entry scheme called the Early Achievers Program (EAP); this program is designed to acknowledge Year 12 students who have participated in significant voluntary community service programs while at school.
One of the biggest benefits of the program is that successful applicants receive an offer well ahead of the usual tertiary admissions announcements - EAP.

- ACU also has an Elite Athletes Program which has been designed to support and encourage students in managing both areas of their life to ensure that elite student athletes achieve their goals - Elite Athlete Program.
- Passion for Business Program (P4B) is a guaranteed early entry program designed to nurture a students’ learning passion and give them a step up in their future business career. Current Year 12 students studying a business related subject are encouraged to apply - P4B Program.
- ACU will be introducing a number of new courses in 2016:
  1. Bachelor of Laws/Bachelor of Biomedical Science – for students interested in legal counsel regarding health issues
  2. Bachelor of Biomedical Science/Bachelor of Business Administration – aimed at students interested in the business administration of health organisations, NGO's
  3. Bachelor of Biomedical Science/Bachelor of Applied Public Health – aimed at students interested in individual and public health
  4. Bachelor of Teaching/Bachelor of Exercise Science
- ACU will be introducing the Bachelor of Physiotherapy at its Ballarat campus from 2017 - Bachelor of Physiotherapy.
- ACUcom provides excellent pathways to select bachelor degrees at ACU. Courses on offer through ACUcom include exercise science, nursing, education support - ACUcom Courses and new in 2016 will be certificate and diploma courses in early childhood education so watch this space.

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**Business degrees at Victorian Universities**

Many students are keen on studying business degrees that offer majors including marketing, human resources, and management, and these can be found included in the following degrees. For a comprehensive list of all business courses, their majors and double degrees on offer, visit VTAC.

<table>
<thead>
<tr>
<th>COURSE</th>
<th>VCE PREREQUISITES</th>
<th>MAJOR STUDIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>CQU Business</td>
<td>n/a</td>
<td>Accounting, Human Resource Management (HRM), Information Systems, Management, Marketing, Property, Public Relations, Supply Chain Management</td>
</tr>
<tr>
<td>CHARLES STURT Business Studies</td>
<td>n/a</td>
<td>Accounting, Business, Business studies, Finance, Human resource management, International business, Management, Marketing</td>
</tr>
<tr>
<td>Business (Gippsland Campus)</td>
<td>Units 3 and 4: a study score of at least 20 in any English.</td>
<td>Accounting, Economics, Finance and macroeconomics, Human resource management, Management, Marketing, Sports and event management</td>
</tr>
<tr>
<td>Business (Ballarat Campus)</td>
<td>Units 1 and 2: satisfactory completion in two units (any study combination) of any Mathematics or Units 3 and 4: any Mathematics; and a study score of at least 20 in any English</td>
<td>Business, Entrepreneurship, Marketing, Tourism</td>
</tr>
<tr>
<td>INSTITUTION</td>
<td>COURSE</td>
<td>VCE PREREQUISITES</td>
</tr>
<tr>
<td>------------</td>
<td>------------------</td>
<td>-----------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>MONASH</td>
<td>Business</td>
<td>Units 3 and 4: a study score of at least 30 in English (EAL) or 25 in English other than EAL</td>
</tr>
<tr>
<td>RMIT</td>
<td>Business – Associate Degree</td>
<td>Units 3 and 4: a study score of at least 25 in English (EAL) or 20 in English other than EAL</td>
</tr>
<tr>
<td></td>
<td>Business</td>
<td>Units 3 and 4: a study score of at least 30 in English (EAL) or 25 in English other than EAL</td>
</tr>
<tr>
<td>VICTORIA</td>
<td>Business – Associate Degree</td>
<td>Units 3 and 4: a study score of at least 30 in English (EAL) or 20 in English other than EAL</td>
</tr>
</tbody>
</table>

**Students will note that in many cases the major studies offered in commerce degrees are similar to those offered in business degrees. One difference between the two is often the maths prerequisite. For a comprehensive list of all courses, their majors and double degrees on offer, visit VTAC.**
<table>
<thead>
<tr>
<th>Institution</th>
<th>Subject</th>
<th>Requirements</th>
<th>Future Careers</th>
</tr>
</thead>
<tbody>
<tr>
<td>FEDERATION</td>
<td>Commerce</td>
<td>Units 1 and 2: satisfactory completion in two units (any study combination) of any Mathematics or Units 3 and 4: any Mathematics; and a study score of at least 20 in any English.</td>
<td>Accounting, Economics, Finance, Law (business).</td>
</tr>
<tr>
<td>LA TROBE</td>
<td>Commerce</td>
<td>Units 3 and 4: a study score of at least 25 in English (EAL) or 20 in English other than EAL</td>
<td>Accounting, Economics, Finance, Management, Marketing.</td>
</tr>
<tr>
<td>MONASH</td>
<td>Commerce</td>
<td>Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; and a study score of at least 25 in one of Maths: Mathematical Methods (CAS) or Maths: Specialist Mathematics.</td>
<td>Accounting, Actuarial studies, Business modelling, Econometrics and business statistics, Economics, Finance, Financial and insurance mathematics, International commerce, Management studies, Marketing, Philosophy and politics, Sustainability.</td>
</tr>
<tr>
<td>CANBERRA *</td>
<td>Commerce</td>
<td>n/a</td>
<td>Accounting, Business Management, Human Resource Management.</td>
</tr>
<tr>
<td>MELBOURNE</td>
<td>Commerce</td>
<td>Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; and a study score of at least 25 in one of Maths: Mathematical Methods (CAS) or Maths: Specialist Mathematics.</td>
<td>Accounting, Actuarial studies, Business, Economics, Finance, Management, Marketing.</td>
</tr>
</tbody>
</table>

*Offered at Holmesglen Institute Chadstone Campus

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**AEROSPACE ROADSHOW**

AMSI, proudly supported by Boeing Australia, brings teachers, students and their parents a careers information evening designed to showcase careers in the aerospace industry and the mathematics needed for them. Come along and hear speakers talk about their path to exciting careers, chat to people in the Science, Technology, Engineering and Mathematics (STEM) fields and collect information to take home to help with your career planning.

The event will feature a panel of aerospace industry experts with a diverse range of experience and skills – whether you want to be a commercial pilot, defence force employee, aerospace engineer or flight controller, this event is for all students with an interest in aerospace and related careers. Students will discover how maths can enrich any career path.

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**WEDNESDAY 15 JULY**

Repeat one-hour sessions at 4PM & 6PM

BOOKINGS ESSENTIAL: WWW.SCHOOLS.AMSI.ORG.AU/AEROSPACE-MELBOURNE

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[Like Us On Facebook]
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**INVITATION TO THE AMSI AEROSPACE ROADSHOW**

**BOOKINGS ESSENTIAL:** [WWW.SCHOOLS.AMSI.ORG.AU/AEROSPACE-MELBOURNE](http://WWW.SCHOOLS.AMSI.ORG.AU/AEROSPACE-MELBOURNE)

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**MELBOURNE**

**RMIT STOREY HALL**
Building 16/336–348 Swanston Street
Melbourne VIC 3000

**WEDNESDAY 15 JULY**
Repeat one-hour sessions at 4PM & 6PM

**Dr Clint Steele**
Senior lecturer in Prod Design Engineering, Swinburne University of Technology

**Lauren Burns**
Composite Research Engineer, Boeing Research & Technology Australia

**David Bain**
Robotics and Automation, Boeing Research & Technology Australia

**Jason Pennock**
Software Engineer, DSTO
Dr Clint Steele  
Senior lecturer in Prod Design Engineering, Swinburne University of Technology

Clint Steele was working in industry in both China and Australia as a design engineer prior to returning to Swinburne as an academic. Clint is the academic advisor for the Swinburne FSAE team, the Swinburne Aurora Solar sports car project and other EV projects with industry. Clint’s main interest is in understanding the cognition of engineering and how this understanding can be used to make superior engineers. While at Swinburne Clint has worked with scooter companies and powered parachute companies to help develop ideas to a commercialisable status. This cooperation between university students and industry is a major area of interest for Clint because it takes advantage of his industry experience and understanding. Clint has a bachelor of engineering mechanical, a master of entrepreneurship and innovation, and a PhD in probabilistic design - all from Swinburne.

Lauren Burns  
Composite Research Engineer, Boeing Research & Technology Australia

Lauren Burns has worked as a Composite Research Engineer within Boeing Research & Technology – Australia since 2012. Lauren is a member of the Integrated Structures team, which develops new technologies for aircraft component manufacture, with the aim of a more environmentally sustainable and efficient aircraft for Boeing customers. Burns is also a co-chair of the Aviation/Aerospace Australia NextGenNetwork which aims to connect and empower early career professionals and provide opportunities for them to excel in their leadership development. Prior to her current position, Burns received an Australian Postgraduate Award and completed a PhD on the topic of bio-inspired design of aerospace composite joints at RMIT University. During her PhD she was awarded an Amelia Earhart Fellowship of US$10,000. Burns studied her undergraduate degree in Aerospace Engineering at RMIT University. A highlight was the opportunity to undertake a 6 month work placement at the European Defence and Space Company (now known as Airbus Group) in Bremen, Germany.

Jason Pennock  
Software Engineer, DSTO

Jason was born in Glenelg and has lived his entire life in Adelaide. At 18yrs of age he joined the South Australia Police. He worked on Patrols, Community Policing and Domestic Violence and Child Abuse. At age 30, Jason left the Police to study a Bachelor of Information Technology. Upon graduating he joined the Defence Science and Technology Organisations Graduate Program, initially working for Maritime Operations Division, and most recently Weapons and Combat Systems Division.

David Bain  
Robotics and Automation, Boeing Research & Technology Australia

David Bain joined Boeing Research and Technology - Australia (BR&T-A) in 2011, where he works as a research engineer specialising in robotics and automation. His current focus is on the design and programming of lightweight, portable robotics for aircraft assembly and repair from which he has six patents pending. He also has a keen interest in intellectual property protection and is currently serving as the BR&T-A IP focal. Prior to Boeing, David completed a Bachelor of Engineering (Robotics and Mechatronics) and a Bachelor of Computer Science at Swinburne University (2010). A highlight from this time was being part of the final-year project team that won the iAward (tertiary division) for creating the world’s fastest Rubik’s cube solving robot.

ABOUT THE SPEAKERS