Reminders
- Open Days
  Sun 11 Aug – ACU (Melbourne); Deakin (Geelong); Gordon (Geelong); RMIT
  Sun 18 Aug – La Trobe (Bendigo); Melbourne (Parkville & Southbank - VCA)
  Sun 25 Aug – ACU (Ballarat); Ballarat; Box Hill: Deakin (Burwood); La Trobe (Bundoora); Monash (Gippsland); Victoria; William Angliss Institute
- Occupational Therapy info evening: 12 Sept; Austin Hospital, Register: Monica williams@austin.org.au
- Herald Sun Careers Expo – 16–18 Aug; Melbourne Exhibition Centre; Info: www.careersexpo.com.au
- Student and parent evening at VU – Tues 13 Aug; Footscray Park Campus; Register: www.vu.edu.au/vce-information-evening.

UNIVERSITY CHANGES and OPEN DAY: The date of the Gippsland campus of Monash University Open Day is Sun 25 August, the same date as the University of Ballarat. It is expected that the new Federation University of Australia will commence operations in 2014, comprised of the current University of Ballarat and the Gippsland campus of Monash University. Make sure you check out Open Day details on websites before attending them. Some universities will assist you to plan your day if you preregister your attendance eg www.latrobe.edu.au/openay or www.openday.unimelb.edu.au.

ALSO: NMIT has just announced that it has an agreement with Swinburne to deliver Creative Industries Education at Prahran Campus and continue to offer courses in the Creative Arts: Design, Music, Photo imaging, Visual Arts, Theatre Arts.

YEAR 12 STUDENTS APPLYING FOR COURSES FOR 2014 – Year 12 students can start applying for courses for 2014 from Monday 5 August, using the Victorian Tertiary Admissions Centre (VTAC) website (www.vtac.edu.au) (cost $27). You have until Fri 27 Sept for a ‘timely’ application. After that a late fee of $91 will apply till 8 November, when the late fee rises to $116 (applies to applications made till 6 Dec). You will need to register as an applicant first. When applying you can list up to 12 courses, putting them in the order you most want them as you will be offered a place in the first course in your list for which you meet the requirements. You need your VCAA/VTAC number to register and apply.

YEAR 12 SPECIAL ENTRY ACCESS SCHEME (SEAS) – The Victorian Tertiary Admissions Centre VTAC Guide 2014 includes a section about SEAS (pages 28-42). You are advised to read this section to find out if you are eligible for any special consideration with your course application. Also see: www.vtac.edu.au/who/secs.html. NOTE: SEAS applications are made on the VTAC website, but can only be done after first applying for courses (SEAS applications close: 8 October).

THINKING OF SCHOLARSHIPS AFTER YEAR 12? Most institutions listed in the VTAC Guide have a number of scholarships available to applicants. Scholarships either require a direct or VTAC application. Read the Guide (Pages 43-48), see the VTAC website, and institution websites. There are also many other scholarships available, often based on either merit or equity, so check out the comprehensive list in the Study Centre or the Library/Careers Room.

INTERESTED IN A MEDICAL RADIATIONS CAREER? If so, you can find out more about the profession at the Peter MacCallum Cancer Centre. Staff will conduct tours of the medical radiations department and provide career and professional advice. University course providers will also attend. Where: St Andrews Place, East Melbourne; When: 10am-2pm, Sun 15 Sept; Ph: 9656 1375, RTEducation@petermac.org, www.petermac.org.


ACCESS MELBOURNE – ‘Access Melbourne’ (University) provides educational opportunities for students from a diverse range of backgrounds enrolling in undergraduate degrees. The University has a selection guarantee for eligible applicants in the following Access Melbourne categories:
- Disadvantaged financial background (Centrelink or Family Tax Benefit A)
- Applicants from rural or isolated areas
Students who complete an Australian Year 12 or the IB in 2013 and are eligible for one or both of these categories, will be guaranteed a Commonwealth Supported Place (CSP) in the following undergraduate degrees, providing they meet the course prerequisites and achieve the following ATAR or notional ATAR: Arts, Environments or Science – ATAR of 78+; Commerce – ATAR of 88+; Biomedicine – ATAR of 95+. Even if a student’s ATAR falls below these levels, they will still be considered for a place. Applicants eligible for other Access Melbourne categories will be considered on an individual basis. See: www.access.unimelb.edu.au.

THINKING OF ENGINEERING AS A CAREER? As the workforce ages and the world shifts to an innovation economy, demand for engineers increases. A report by Engineers Australia highlights the engineering skills shortage, which is not limited to Australia. Times Higher Education estimates UK engineering companies will have 2.74 million job opportunities between 2010–2020, and in the USA demand for engineers has grown dramatically. Engineering ranks third amongst the ten best paying sectors. See www.monash.edu.au/study-engineering.

AUSTRALIAN ENGINEERING WEEK – This annual event is being held 5 - 11 August. Check out: www.makeitso.org.au/australian-engineering-week/victoria.

PARENTS - LEADING THE WAY: Understanding Education Pathways During and After School
Find out how to help your child through their Higher Education study options, pathways through secondary school, financial support, scholarships, and much more!
Thursday, 15 August 6-9pm, North Melbourne Community Centre 49-53 Buncle Street, North Melbourne 3051 Telephone Pippa: 9935 5279
Food and Drink Provided

NEW SCIENCE DEGREE AT MONASH - A science education complemented by skills in leadership, entrepreneurship and communication will be the focus of the new Bachelor of Science (Global Challenges) in 2014. The course targets those wanting to push the boundaries of possibility, effect change in the world, and use science as a base to establish themselves as leaders in their career. Students will take two internships, at least one internationally, financially supported by the university. There will also be a year-long project where students work with peers and mentors, partnered with an organisation to tackle an issue. Info: www.monash.edu/have-you-got-the-edge.
EARLY ACHIEVERS PROGRAM AT AUSTRALIAN CATHOLIC UNIVERSITY – ACU looks for students who understand the importance of working for the common good and a willingness to make a contribution to their communities. ACU wants to recognise them for their contribution and potential and grants them status as Early Achievers. One of the benefits of the program is that successful applicants receive an offer well ahead of the usual tertiary admissions announcements. Applications open: 13 Aug and close: 21 Oct. Brochure: Early Achievers Program (EAP) brochure (PDF, 474KB); Info: 1300 ASK ACU or futurestudents@acu.edu.au

HERALD SUN MELBOURNE CAREERS EXPO 2013
Students are encouraged to attend the Herald Sun Melbourne Career Expo where there will be an opportunity to speak to a number of representatives from tertiary institutions all over Australia.
Date: Friday 16 – 18 August 2013
Time: 10.00am - 3.00pm (Friday) and 10.00am – 4.00pm (Saturday and Sunday)
Location: Melbourne Convention and Exhibition Centre
Visit http://www.careerexpo.com.au/ to download and print off a FREE ticket to the expo!

APPS DEVELOPMENT AN EXCITING CAREER CHOICE –
Started in 2013, Deakin University’s Bachelor of Information Technology (Mobile and Apps Development) was designed to provide knowledge needed for you to thrive in this growing field. With more use of broadband/mobile devices, industries are developing new mobile apps. The focus is on theories, technologies and skills needed to design and develop apps on modern mobile platforms. Careers include iOS developer, iPhone application architect, Android developer, iOS web developer and app designer. Info: www.deakin.edu.au/study-at-deakin/find-a-course/information-technology.

ELECTRICAL APPRENTICESHIPS – the Electrical Pre-apprenticeship (Cert 11 in Electrotechnology Prevocational) provides the basic skills making you job ready. NECA (National Electrical and Communications Association) has teamed up with Milwaukee, offering students who successfully complete their pre-apprenticeship a free Milwaukee Drill Kit (conditions apply). Info: www.370degrees.com.au or call 9388 0566.
Also, Tenex is seeking to recruit Electrical Lineworker apprentices and Electrical Fitter apprentices. See: www.agaustralia.com.au, ph Matt: 04088 124 240.

NEW DOUBLE DEGREE IN 2014 at RMIT
Bachelor of Science (Applied Sciences)/Bachelor of Business (Management) - this new program allows students to prepare for careers in management in science-based organisations. Management units give a broad base of business management understanding. The Applied Science component allows students to specialise in one of the following majors:
- Biology
- Biotechnology
- Chemistry
- Physics
- Food science
- Environmental science
These six specialisations can be individualised to an extent by taking other applied science units. This allows students to combine a major field of study with a variety of other science units to help achieve goals. The common first year ensures that all students have a foundation of academic experience across many fields of science. Visit www.rmit.edu.au

NUCLEAR MEDICINE HOSPITAL VISITS
What is nuclear medicine? What do nuclear medicine technologists do? Year 11 and 12 students interested in finding out more about the role Nuclear Medicine Technologists play in the investigation, diagnosis, treatment and monitoring of disease are invited to attend a free visit/tour at a major teaching hospital in Melbourne.
Date: Thursday 26 OR Friday 27 September 2013.
Students must register for this free event online at http://www.rmit.edu.au/medicalsciences/nuclearmedicine.
Students keen on finding out more about Nuclear Medicine may also like to visit the Victorian Society of Nuclear Medicine Technologists at http://www.vsnmt.com/career-centre/nuclear-medicine-as-a-career

RSPCA ANIMAL CAREER DISCOVERY DAY
Hear from RSPCA staff currently working in the industry in various roles and gain helpful insider knowledge on planning pathways to a fulfilling career with animals.
Date: Tuesday 3 September or Thursday 5 December 2013
Time: 9:00am – 3:30pm
Where: Burwood East RSPCA
Cost: $55 includes registration, morning tea, RSPCA career show bag, and all activity costs.
For more information and to download a registration form visit http://www.rspcavic.org/services/education/secondary-education/animal-career-discovery-day

OCCUPATIONAL THERAPY INFORMATION EVENING
AUSTIN HEALTH is offering Exploring Occupational Therapy as a career! If you want to find out more about a career in occupational therapy you should attend an information and demonstration evening to hear from experienced Occupational Therapists who specialise in: Spinal Rehabilitation, Hand therapy, Mental Health, Neurology and more!
Date: Thursday 12 September 2013
Time: 5.00pm registration, 5.30pm – 8.00pm
Venue: Education Precinct, Level 4, Austin Tower, Austin Hospital, Studley Road in Heidelberg
Parking: Available at the Austin and street parking
Registration: Registrations are essential as places are limited to a maximum of two attendees per reservation.
Students should e-mail Monica.williams@austin.org.au and an email will be sent confirming their place and further details about the night.

NEWS FROM THE UNIVERSITY OF MELBOURNE
➤ So, you want to be an Environmental Engineer?
Environmental Engineers make a difference to the world by using their expertise to create sustainable solutions to environmental problems. As environmental challenges such as salinity, soil and water quality and climate change continue to mount, Environmental Engineers are in increasing demand worldwide, to manage the interactions between the natural environment and the built environment. There are a number of internationally-accredited pathways into this high-demand field, through the Bachelor of Environments, the Bachelor of Science and the Bachelor of Commerce.
To start, students may study a major in Civil Systems within the Bachelor of Science or Environmental Engineering Systems within the Bachelor of Environments. Alternatively, a breadth sequence in Physical Systems is available via the Bachelor of Commerce. Each of these undergraduate pathways leads to the Master of Engineering (Environmental) and the Master of Engineering is accredited by EUR-ACE, meaning graduates can work as professional environmental engineers in Europe. Visit www.eng.unimelb.edu.au/study/undergraduates/environmental.html
✓ Fine Arts Degrees

<table>
<thead>
<tr>
<th>Course</th>
<th>Prerequisites</th>
<th>Extra-Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fine Arts (Animation)</td>
<td>Units 3 and 4—study score of at least 30 in English (EAL) or at least 25 in any other English</td>
<td>Supplementary Application Form by 30 August; interview, screen test</td>
</tr>
<tr>
<td>Fine Arts (Contemporary Music)</td>
<td>Units 3 and 4—study score of at least 30 in English (EAL) or at least 25 in any other English</td>
<td>Supplementary Application Form by 27 September; interview and audition</td>
</tr>
<tr>
<td>Fine Arts (Dance)</td>
<td>Units 3 and 4—study score of at least 30 in English (EAL) or at least 25 in any other English</td>
<td>Supplementary Application Form by 30 August; interview, audition</td>
</tr>
<tr>
<td>Fine Arts (Film &amp; Television)</td>
<td>Units 3 and 4—study score of at least 30 in English (EAL) or at least 25 in any other English</td>
<td>Supplementary Application Form by 30 August; interview, screen test</td>
</tr>
<tr>
<td>Fine Arts (Music Theatre)</td>
<td>Units 3 and 4—study score of at least 30 in English (EAL) or at least 25 in any other English</td>
<td>Supplementary Application Form by 27 September; interview, audition</td>
</tr>
<tr>
<td>Fine Arts (Production)</td>
<td>Units 3 and 4—study score of at least 30 in English (EAL) or at least 25 in any other English</td>
<td>Supplementary Application Form by 27 September; interview, support material</td>
</tr>
<tr>
<td>Fine Arts (Screenwriting)</td>
<td>Units 3 and 4—study score of at least 30 in English (EAL) or at least 25 in any other English</td>
<td>Supplementary Application Form by 30 August; interview, screen test</td>
</tr>
<tr>
<td>Fine Arts (Theatre Practice)</td>
<td>Units 3 and 4—study score of at least 30 in English (EAL) or at least 25 in any other English</td>
<td>Supplementary Application Form by 27 September; interview, workshop, audition</td>
</tr>
<tr>
<td>Fine Arts (Visual Arts)</td>
<td>Units 3 and 4—study score of at least 30 in English (EAL) or at least 25 in any other English</td>
<td>Supplementary Application Form by 27 September; interview, folio</td>
</tr>
</tbody>
</table>

Year 12 students applying for the following Fine Arts courses at the University of Melbourne for 2014 must take note of extra-requirements for eligibility to be selected. Note the early closing date for some courses. All applicants must submit their Supplementary Application Form (available from their VTAC User Account) by the dates listed. Details of the audition/folio/test/interview will be sent to applicants between late September and early November.

Visit [www.vtac.edu.au](http://www.vtac.edu.au) to confirm the summary below. International students need to note that these dates vary for them. Visit [http://www.vca.unimelb.edu.au/undergraduate](http://www.vca.unimelb.edu.au/undergraduate) to confirm these details.

STUDYING TO BECOME AN OSTEOPATH

“Osteopaths diagnose, treat and provide preventative advice on disorders of the musculoskeletal system of the body, and use manual techniques to alleviate stresses to improve the body’s function.” (Job Guide)

Osteopaths may perform the following tasks:

- diagnose patients’ complaints using information from case histories, physical examinations, manual ‘palpation’ (the use of touch), observation of patients’ body structure and mobility, and clinical aids (e.g. X-rays, CT scans and laboratory tests)
- treat patients using a variety of manual techniques such as soft tissue stretching, muscle relaxation and gentle mobilisation
- treat biomechanical complaints (e.g. backache, general joint problems, sports injuries, arthritis, stress and repetitive strain injuries), some breathing problems (e.g. asthma) and a wide range of general medical complaints (e.g. headache)
- treat children for the after-effects of birth trauma and childhood accidents
- devise exercise and nutritional programs

Osteopaths work in combination with dietitians, dentists, medical practitioners, naturopaths and podiatrists, and may work from clinics or from their homes. They also have a high level of contact with the public.

OSTEOPATHIC MEDICINE AT VICTORIA UNIVERSITY

Students considering a career in osteopathy need to complete the Bachelor of Science – Clinical Science (Osteopathy) first; this is a 3-year course and provides an entry into an osteopathy career. In order to become a registered Osteopath one needs to complete the following double degree program:

- Bachelor of Science (Clinical Sciences – Osteopathy)
- Masters of Health Science (Osteopathy)

The VCE prerequisites are: Units 3 and 4—a study score of at least 20 in English (any), in one of either chemistry or biology, and in one of either physics or mathematics (any).

Completion of the Bachelor of Science - Clinical Sciences course alone does not make graduates eligible for registration as Osteopaths.


OSTEOPATHY AT RMIT UNIVERSITY

Students need to complete the Bachelor of Health Science/Bachelor of Applied Science (Osteopathy) double degree program. In their final year, students have the opportunity to do a work placement in an Australian osteopathic clinic. The VCE prerequisites are: Units 3 and 4—a study score of at least 30 in English (EAL) or at least 25 in any other English.

Both of the courses at VU and RMIT are accredited by ANZOC (Australian and New Zealand Osteopathic Council (ANZOC) Limited)

Graduates of the two degree program are eligible for:

- registration with the Osteopathy Board of Victoria
- registration as an Osteopath in all other Australian states, in New Zealand and the United Kingdom
- membership with the Australian Osteopathic Association


LEGAL STUDIES AND AUSTRALIAN POLITICS WORKSHOP

Date: Monday 30 September - Tuesday 1 October 2013, 9:30am - 1:00pm

Location: Victoria University (Melbourne)

This two day workshop challenges and develops your communication, teamwork and leadership skills through a range of fun law-based activities. LSAP builds on your understanding of the Australian and international political and legal systems. Students can register for this event at [http://www.leap.vic.edu.au/leap-activities/law/events/19-lsap-workshop-program](http://www.leap.vic.edu.au/leap-activities/law/events/19-lsap-workshop-program) Registrations close 13 September.

YEAR 10-12 NEXT STEP - HEALTH WORKSHOP

Date: 27 September 2013, 9:30am - 1:00pm

Location: The Alfred Hospital, Prahran, Melbourne

Considering a career in a health profession? Join us at this teaching hospital for a ‘Next Step’ workshop. Reaching your goal of working in a hospital may seem scary and a long way off - this unique opportunity to see and talk to health students and professionals in a dynamic hospital environment can help you make steps towards a future health career.

Whether you’ve made your decision or are still in the process of weighing up your future options, this half-day workshop is sure to make your next step toward a career in Health so much clearer.

Students can register for this exciting half-day event at [http://www.leap.vic.edu.au/leap-activities/health/events/82-year-10-12-next-step-health-workshop](http://www.leap.vic.edu.au/leap-activities/health/events/82-year-10-12-next-step-health-workshop)

CAREER AS AN ACTUARY

Actuaries analyse mathematical, statistical, financial and economic data in order to predict and assess the long-term risks involved in financial decisions and planning.
Actuaries may perform the following tasks:
- analyse statistics relating to factors such as death, illness and accident, and current trends in the economy to design new types of life insurance and superannuation policies
- work out appropriate premiums or contributions and rates of return by calculating the future probabilities of events such as unemployment, illness or changes in interest rates
- make sure that insurance companies have sufficient financial reserves to meet claims
- advise companies on investment policy and the distribution of profits to policyholders
- undertake financial projections for, and measure and analyse the investment performance of, life insurance companies, financial institutions and government organisations
- provide advice to potential buyers or sellers of companies

Successful actuaries need to have:
- good written and oral communication skills
- very good mathematical ability and the capacity to solve complex problems
- the ability to think clearly and logically

To become an actuary students usually have to study actuarial studies or actuarial science at university. To get into these courses they usually need to complete their VCE and preferably study mathematical methods or specialist mathematics. Some Australian universities offering courses in actuarial studies or actuarial science include:

<table>
<thead>
<tr>
<th>Institution</th>
<th>Course</th>
<th>Entry Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Australian National University [<a href="http://www.anu.edu.au">www.anu.edu.au</a>]</td>
<td>Bachelor of Actuarial Studies</td>
<td>Mathematics Extension 1 (Maths Methods) Recommended Specialist Math</td>
</tr>
<tr>
<td>Macquarie University [<a href="http://www.mq.edu.au">www.mq.edu.au</a>]</td>
<td>Bachelor of Actuarial Studies</td>
<td>Mathematics Extension 1 (Maths Methods)</td>
</tr>
<tr>
<td>Monash University [<a href="http://www.monash.edu.au">www.monash.edu.au</a>]</td>
<td>Bachelor of Commerce</td>
<td>Units 3 and 4—a study score of at least 30 in English (EAL) or 25 in any other English, and a study score of at least 25 in mathematical methods (CAS) or specialist mathematics</td>
</tr>
<tr>
<td></td>
<td>Bachelor of Economics</td>
<td>Units 3 and 4—a study score of at least 30 in English (EAL) or 25 in any other English, and a study score of at least 25 in mathematical methods (CAS) or specialist mathematics</td>
</tr>
<tr>
<td>University of Melbourne [<a href="http://www.unimelb.edu.au">www.unimelb.edu.au</a>]</td>
<td>Bachelor of Commerce</td>
<td>Units 3 and 4—a study score of at least 30 in English (EAL) or 25 in any other English, and a study score of at least 25 in mathematical methods or specialist mathematics. Note: Applicants intending to major in Actuarial Studies may be required to undertake a bridging subject in mathematics as first year breadth. The bridging subject is equivalent to Units 3 and 4 specialist mathematics</td>
</tr>
<tr>
<td>University of New South Wales [<a href="http://www.unsw.edu.au">www.unsw.edu.au</a>]</td>
<td>Bachelor of Actuarial Studies</td>
<td>Mathematics Extension 1 (Maths Methods)</td>
</tr>
<tr>
<td>University of South Australia [<a href="http://www.unisa.edu.au/">http://www.unisa.edu.au/</a>]</td>
<td>Bachelor of Quantitative Finance</td>
<td>No prerequisite subjects</td>
</tr>
</tbody>
</table>

NEXT STEP IN TO LAW WORKSHOP
Date: 20 September 2013, 10.00am - 2.30pm
Location: Australian Catholic University, Melbourne

This workshop will give you an appreciation of the varied roles that exist in the legal profession and expand your knowledge and confidence around legal vocabulary and jargon. Activities on the day will be conducted by University Law lecturers and experienced Lawyers/ Senior Counsel. Discussions will focus on cases in criminal law and intellectual property in popular music. You will have the opportunity to actively engage in legal role-play and experience a moot court scenario. Students can register at http://www.leap.vic.edu.au/leap-activities/law/events/80-next-step-law-workshop

SIMONDS CAREERS/SUBJECT EXPO and VCE INFORMATION NIGHT – Thursday 8 August

Thanks to all students and families who attended this event on Thursday Night. There were 22 University, TAFE and Industry representatives there to help your sons with their Career decisions. Many thanks also to the hard-working VCE Teachers who created such vibrant displays and engaged students and parents in quality conversations about the options that lie ahead. It was a great opportunity for all to learn about the options available at school, at work, and in tertiary study.

Mandy Ellwood
Careers Counsellor
mellwood@sccmelb.catholic.edu.au