Melbourne Aquarium Work Experience 2013

The 2013 placements for Work Experience for Year 10 will open in October 2012. Students keen on finding out more are encouraged to keep an eye on the Education Section of the Melbourne Aquarium website for further details. The program allows students to experience the daily activities of the Curatorial, Education, Interpretation and Customer Service departments at Melbourne Aquarium.

Students participating in the Work Experience program will have access to fully qualified Aquarists, Marine Biologists and Educators during their placements. Participants will also be provided with some tips and suggestions to successfully enter into this highly competitive field. Places fill quickly, so it is important for students to apply quickly! Visit http://www.melbourneaquarium.com.au/education

News from Swinburne University

Important News for Nursing & Pre-Apprenticeship Applicants

Diploma of Nursing
Current Year 12 students making a direct application to Swinburne for the Diploma of Nursing (Division 2) do not have to sit a VETASSESS test for selection.

Certificate II in Electrotechnology Studies (Pre-vocational)
Current Year 12 students applying for this pre-apprenticeship course leading to an electrical apprenticeship do not need to complete an entry exam for placement which is a multiple choice online (ACER Test) consisting of Maths and English.

Access Swinburne Bonus
Year 12 students attending certain schools – The Knox School is one of them – are eligible for a 5-point ATAR bonus when applying for certain courses at Swinburne’s Hawthorn campus in 2013. There are no separate application forms and ATARs will be adjusted automatically during the VTAC selection period. To find out which courses are available, and for more information, visit www.swinburne.edu.au/access-swinburne-bonus!
Careers in Psychology – Information Evening

Students keen on finding out more about *careers in psychology* are invited to attend a free Information Evening.

**Date:** Wednesday 19 September 2012  
**Time:** 6.30pm – 9.00pm  
**Venue:** Prince Phillip Theatre, Architecture, Building & Planning (Building 133)  
University of Melbourne in Parkville

No booking are required. For more information e-mail melbapsstudents@gmail.com

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Diploma Screen and Media (Radio and Television)

The *Diploma Screen and Media (Radio and Television)* at Holmesglen Institute is an introduction to radio and television, and a pathway for students to try their hand at media production. In summary:-

- This is a one-year course based at the Chadstone Campus  
- Students produce a magazine style show for Channel 31 called HIT TV  
- Students produce radio shows in the Holmesglen Radio Studio and also SYN FM  
- This is a highly practical course offering experience both on air and behind the scenes

Pathways for graduates include:-

- Graduate Diploma in Commercial Radio at Swinburne University  
- Bachelor of Screen at Holmesglen Institute (Waverley Campus)  
- Bachelor of Media or Film at Deakin University, RMIT and La Trobe University  
- Entry level employment via industry work placements

Students keen on finding out more are invited to attend an *Information Session*. There will be a short presentation with a tour of facilities and informal chats with current students and teachers.

**Date:** Wednesday 19 September 2012  
**Time:** 6.30pm – 8.30pm  
**Venue:** Chadstone campus, Batesford Road in Chadstone  
Meeting Point at 6.30pm - Building 1, Info Office  
Presentation at 7.00pm in Building 1, Room 1.1.33

For more information visit:-  
[http://www.holmesglen.edu.au/open/sessions/chadstone](http://www.holmesglen.edu.au/open/sessions/chadstone) and  
**New Faculty of Veterinary Science Major**

The Faculty of Veterinary Science at the University of Melbourne is introducing a new major – **Production Animal Health** – in the Bachelor of Agriculture degree. This new major will give students the chance to explore animal health, working in an agricultural context. **The Bachelor of Agriculture, with a major in Production Animal Health, is one of several pathways to the Doctor of Veterinary Medicine.** By opting for this program, students who are successful in gaining entry to the Doctor of Veterinary Medicine will receive some credit for production animal topics early on in the curriculum. Students with both these qualifications will be extremely valuable contributors to the rural veterinary sector.

Entry to the **Bachelor of Agriculture** is a minimum ATAR of 70 with a study score of at least 25 in English or at least 30 in ESL, and at least 25 in Maths Methods or Specialist Maths or a study score of at least 30 in Further Maths.

For more information call 13 63 52 or [http://land-environment.unimelb.edu.au/contactus](http://land-environment.unimelb.edu.au/contactus)

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**Career as a Densitometrist**

*Bone Densitometrists work in a team of Radiology Technologists, using equipment and supplies necessary to demonstrate portions of the human body on x-ray film or fluoroscopic screen for diagnostic purposes.*

Some responsibilities of Densitometrists include:-

- Determining patients' x-ray needs by reading requests or instructions from physicians.
- Using beam-restrictive devices and patient-shielding techniques to minimize radiation exposure to patient and staff.
- Process exposed radiographs using film processors or computer generated methods.
- Provide assistance to physicians or other radiologists in the performance of more complex procedures.
- Perform procedures, such as linear tomography, mammography, sonograms, joint and cyst aspirations, routine contrast studies, routine fluoroscopy, or examinations of the head, trunk, or extremities under supervision of physician.
- Operate mobile x-ray equipment in operating room, emergency room, or at patient's bedside.
- Prepare contrast material, radiopharmaceuticals, or anesthetic or antispasmodic drugs under the direction of a radiologist.
- Provide assistance in radiopharmaceutical administration, monitoring patients' vital signs and notifying the radiologist of any relevant changes.

Densitometry, part of the field of medical imaging and nuclear medicine, is taught at university. **Universities in Victoria that offer undergraduate courses in this field are Monash University, RMIT University and Swinburne University.**
Monash Extension Program

Monash Extension (formerly the Monash Enhancement Studies Program) allows high achieving Year 12 students to get a taste of university before finishing school – and be rewarded for it. Students complete a first year university subject as part of their final year school studies, allowing them to extend and enhance their learning in an area of interest.

Students completing a Year 12 subject in Year 11 might like to consider applying for the Monash Extension program in 2013.

Units are delivered in a range of modes and there are many advantages to taking part in the program. Subjects on offer are:

- accounting
- computational thinking*
- Australian history/politics
- biology
- chemistry
- criminal justice studies
- geography
- information technology *
- Japanese
- Japanese for background speakers
- journalism
- mathematics
- mobile applications development
- philosophy
- physics
- studies in religion

* These units and preparatory subjects are awaiting VCAA approval.

Students keen on finding out more might like to attend an Information Evening which will include an overview of the program, a panel discussion with past students and the opportunity to speak to academics who teach the subjects.

**Date:** Wednesday 17 October 2012  
**Time:** 7.00pm  
**Venue:** Monash University - Clayton Campus, Wellington Road in Clayton

For more information and to access the online registration visit [www.monash.edu/extension](http://www.monash.edu/extension)

The Monash University Passport

All Monash graduates of the future will be graduating with a ‘Monash Passport’ – an education that is distinctive, bold and international. Students from Monash will graduate with experiences and a set of skills unique to each graduate! Monash University believes in assisting their students to ‘value add’ to their qualifications.

The Monash Passport is organised around a number of themes:
Course choice and flexibility - Making the most of your study experience.

Volunteering - Take direct action to improve lives or the environment through volunteer programs and/or community programs.

Expand your horizons - Develop networks and create opportunities through study abroad or international engagement, or experience a new culture.

Get more from your study journey - Enhance your capabilities with a range of leadership and industry training programs – in government and community organisations.

Investigate - Uncover new ideas and pursue your passions through undergraduate research and Honours

For more information, visit www.monash.edu/passport
Airservices Australia

More than 50,000 people work in aviation! Airservices is a government-owned corporation providing services to the aviation industry. Airservices provides air traffic control, aviation rescue and firefighting services to the aviation industry.

**Air Traffic Control**

As an air traffic controller one can expect to work at one of two major centres: Brisbane or Melbourne; at one of the terminal control units or one of the control towers around Australia.

In addition to the daily management of routine air traffic, controllers also provide information and assistance to pilots if they experience an inflight emergency.

The nature of the job demands that air traffic controllers be able to make quick and accurate decisions based on information regarding an aircraft’s position. To this end, they must:

- be confident and able to work with modern computer-based equipment
- be self-motivated and independent, yet work within a team environment
- be dedicated, professional, conscientious, confident and able to accept high levels of personal responsibility
- possess a good understanding and a clear application of the English language
- be prepared to work shifts on any day of the year

Airservices runs an air traffic controller training program. Students considering entering the program immediately after school must have successfully completed English, a maths and one of biology, chemistry, geology or physics). To find out more visit:-


**Aviation Rescue and Firefighting**

Airservices provides aviation rescue and firefighting services at 21 locations around Australia. The primary roles are to rescue people and protect property from an aircraft that has crashed or caught fire during landing or take-off, and to control and extinguish fire and protect people and property on the airport in general.

The aviation fire service is one of the world’s largest providers of aviation rescue and firefighting services with over 740 operational and support personnel based around Australia. Aviation firefighting is an exciting and rewarding career, but it is also challenging and demanding with specific requirements needing to be met.


For more information about other jobs with Airservices visit [www.airservicesaustralia.com/careers](http://www.airservicesaustralia.com/careers)
**Gap Medics – Fabulous Opportunity**

Year 11 and 12 students considering a career in medicine, nursing, dentistry or midwifery might like to take up an opportunity to participate in a short-term healthcare work experience placement overseas. **Gap Medics** is based in the UK, but its programs are open to students from all around the world. There are four destinations: India, Thailand, Tanzania and St Lucia in the Caribbean. The cost varies depending on the destination with two weeks in India costing approximately A$1,500, and payment must be made in either UK pounds or US dollars.

**So, what does a two-week placement involve?** During weekdays, students shadow highly skilled doctors in their day-to-day work on a fully-supervised hospital placement. Students also benefit from clinical teaching on their placement. **Gap Medics** has an agreement with each of the hospitals which the students then sign to ensure punctuality, appropriate dress, respectful behaviour at all times and confidentiality. Also, there is a maximum of three students per hospital mentor, thus ensuring a quality work experience. Students may select from four different specialisations or areas of interest: surgery, obstetrics & gynaecology, internal medicine and paediatrics. The hospitals and the doctors/mentors are paid with approximately 10% of the student cost going directly to the hospital to be used for overall improvement and benefit of their facilities and programs.

**Gap Medics** owns houses in all the destinations; the houses have 24-hour security with walled gardens and a full time staff team in every destination too. There is a night time manager on duty every evening. Students stay in the **Gap Medics** homes and food, pick up and transfers are all inclusive.

Approximately 90% of current participating students are Year 11 and 12 students, with the remaining 10% being university students.

Visit [http://www.gapmedics.com/](http://www.gapmedics.com/) to find out more!