CAREER NEWS

Friday 31 May

**Where Grads Go** is an excellent resource for students as they consider their options for university study. Students are encouraged to browse the following resource in order to make informed choices about what graduates *earn, and* which graduates secure *employment* soon after graduating, etc. Find out more at [www.graduatecareers.com.au/wheregradsgo](http://www.graduatecareers.com.au/wheregradsgo).

**UMAT 2013**

Year 12 students are reminded that UMAT registrations close on **Friday 7 June 2013 at 5.00pm sharp!** For a list of which courses and universities require the UMAT, visit [http://umat.acer.edu.au/](http://umat.acer.edu.au/).

**LATTITUDE. Lattitude Global Volunteering – Information Session**

_Lattitude Global Volunteering_ is hosting an Information Session outlining the various volunteering programs for 2014. _Lattitude_ staff will provide an overview about the organisation and volunteering program, returned volunteers speak about their experiences and parents share their perspective about _Lattitude_ and the development they have seen in their son or daughter.

- **Date:** Thursday 13 June 2013
- **Time:** 7.00pm
- **Venue:** Richmond Town Hall, 333 Bridge Road in Richmond


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**Job Outlook**

*Job Outlook* is a careers and labour market research information site to help students decide on their future career. Students can use the search options provided to find a wealth of information covering around 350 individual occupations.

Students might even take a few minutes to complete the **career quiz** provided - this quiz will help students identify what types of work they most like doing. Each of the 15 questions lists six tasks that people do. *Simply select the work you would enjoy doing most, making sure to choose the task you prefer doing more than all the others in the group - no matter how qualified you are to do that job. Then select ‘See result’ to view the occupations you are most likely to enjoy or be good at.*


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**Animal Science Courses at Box Hill Institute**

Box Hill Institute offers a variety of courses in animal technology, horse studies, veterinary nursing, pet grooming and zoo keeping. One such course is profiled below.

- **Diploma of Animal Technology**

The 2-year Diploma of Animal Technology enables students to work as an animal technician in a scientific research facility. They will learn routine animal husbandry including breeding of research animals and procedures to prevent microbial pathogens, animal injection techniques, signs of ill health and use sampling methods to detect diseases in animal colonies.

Students will also monitor animals during anesthesia and surgery, and learn to comply with relevant legislation and codes of practice on the use of animals for scientific purposes. As part of their studies, students will discover how to identify and respond to animal behaviour, provide enrichment for animals and provide basic care for mammals, rodents and rabbits. This course is designed to give students an empathic understanding of animals and ensure the wellbeing of animals used for scientific purposes.
Graduates either find employment as animal technicians in animal facilities associated with major hospitals, universities and biomedical research institutes, or go on to further study. **Graduates of the Diploma of Animal Technology receive 120 credit points towards articulation into the Bachelor of Animal & Veterinary Biosciences at La Trobe University.**

Find out more at [http://www.bhtafe.edu.au/courses/local/Pages/DAT52.aspx](http://www.bhtafe.edu.au/courses/local/Pages/DAT52.aspx)

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**New Courses at the University of Tasmania**

The following *new* courses were introduced at the University of Tasmania this year –

- Bachelor of Medical Science
- Bachelor of Musical Arts
- Bachelor of Engineering (Biomedical Engineering)
- Associate Degree in Dementia Care
- Associate Degree (Education Support)

A full overview of all courses is available at [www.utas.edu.au](http://www.utas.edu.au)

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**News from La Trobe University**

**Experience La Trobe**

Experience La Trobe is designed especially for Year 10, 11 and 12 students and their parents to get a taste of what it is like to be a university student for a day and get the inside scoop on what really happens after high school. Students may participate in workshops of their choice, find out about student life and also check out the Melbourne campus, including student accommodation. University students and staff will be there to help participants out and answer any questions that might arise. Experience La Trobe is a *free* event - with lunch and entertainment provided!

**Date:** Wednesday 10 July 2013  
**Time:** 9.30am – 4.30pm  
**Venue:** Melbourne Campus, north-eastern suburb of Bundoora, at the intersection of Plenty Road and Kingsbury Drive

To register, visit [http://www.latrobe.edu.au/experience/melbourne](http://www.latrobe.edu.au/experience/melbourne) or email study@latrobe.edu.au for more information.

Students keen on a similar event at other La Trobe campuses, visit [http://www.latrobe.edu.au/experience](http://www.latrobe.edu.au/experience)

- **Bachelor of Science (Wildlife and Conservation)**
Wildlife and conservation biology is the science of managing native plants and animals. It aims to limit the effects of environmental degradation, climate change and the loss of biodiversity. Students who choose to enrol in the 3-year Bachelor of Science (Wildlife and Conservation) will have the opportunity to study zoology, botany, genetics, microbiology, statistics, earth science, law and public policy. Students will also have access to the University Wildlife Sanctuary, which contains 30ha of bushland on the Melbourne campus, and gain first-hand experience in ecological techniques. The VCE requirement is only Unit 3 and 4 in English (any) and this course is offered at both the Albury-Wodonga campus and the Melbourne campus. For more information, visit http://www.latrobe.edu.au/courses/wildlife-and-conservation-biology.

➢ Studying Nanotechnology at La Trobe
Nanotechnology is an emerging field of endeavour which aims to understand and exploit the science of the very small. For example, chemical systems expect nanotechnology to provide sophisticated sensors for chemicals at low concentrations with applications to biological systems. Biologists seek a means of manipulating and sensing biological processes within cells.
Another definition suggests that a nanotechnologist designs and manipulates structures at the atomic and subatomic level to create materials and devices of increased durability and efficiency. Nanotechnologists use a combination of techniques from across the sciences, including physics, chemistry, biosciences, material science and engineering to achieve this goal.
La Trobe University offers two double degree programs in nanotechnology:
To find out more, visit www.latrobe.edu.au/nanotechnology/

Melbourne Aquarium – Aquarist for a Day
The Aquarist for a Day program provides the unique opportunity to experience a day in the life of an Aquarist at Melbourne Aquarium, which includes preparing food and feeding the animals.
Under the guidance of a qualified Biologist, students can experience a day in the life of a Melbourne Aquarium Aquarist with our very popular Aquarist for a Day Program.
This unique program allows students to gain a "behind-the-scenes" look at Melbourne Aquarium, plus basic training in animal husbandry, food preparation, water testing, behavioural observations and animal feeding. Above all else, participating in Melbourne Aquarium’s Aquarist for a Day program is an exciting and enjoyable experience for high school students of all ages.
This program runs during the school holidays. To find out more, call (03) 9923 5999 or email info@melbourneaquarium.com.au. Alternatively visit http://www.melbourneaquarium.com.au/experiences/aquarist-programs/
Biomedical Engineering at Swinburne University

Biomedical engineering combines physical and biological science with engineering to develop new ways of helping people.

The Bachelor of Engineering (Biomedical Engineering) emphasises the application of electronics, electrical and systems engineering in medicine and biology, allowing students to explore the applications and challenges associated with biomedical engineering. Students will become capable of creating new devices, instrumentation software and other technologies to advance biology and improve healthcare and the quality of life within communities. There will also be a strong focus on cross-disciplinary activities, such as looking at biomedical imaging supported by machinery such as the MRI.

The VCE requirements for entry to this course are Units 3 and 4—a study score of at least 30 in English (ESL) or at least 25 in any other English and at least 20 in mathematical methods. To find out more, visit http://www.future.swinburne.edu.au/courses/Bachelor-of-Engineering-(Biomedical-Engineering)-Z029/local

Medical Laboratory Visits 2013

Have you ever wondered what happens after you have a blood test or other medical tests done? Where does your blood sample go? How is it examined? How is a diagnosis made? Students who are interested in the laboratory investigation, diagnosis, treatment and monitoring of disease, and want to know about the role of a medical scientist in this process, are encouraged to sign up for one of these free visits (registrations to open soon).

Date: Monday 8 July to Friday 12 July 2013
Registration: Register online at http://www.rmit.edu.au/browse;ID=5ahfnmu5brk5

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 http://www.physiotherapyboard.gov.au/>

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

In Victoria an undergraduate course in physiotherapy is offered as at:

**Charles Sturt University** (Albury Wodonga)
Bachelor of Physiotherapy

**La Trobe University** (Albury Wodonga, Bendigo, Melbourne, Mildura, Shepparton)
Bachelor of Health Sciences and Master of Physiotherapy Practice

**Monash University** (Peninsula Campus)
Bachelor of Physiotherapy
[http://www.med.monash.edu/physiotherapy/](http://www.med.monash.edu/physiotherapy/)

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

• Chiropractor
• Massage Therapist
• Medical Practitioner
• Occupational Therapist
• Osteopath
• Speech Pathologist
• Sports Scientist

A very useful website to browse these and hundreds of other jobs is the Job Guide at [http://www.jobguide.deewr.gov.au/](http://www.jobguide.deewr.gov.au/)