

NOSSAL HIGH SCHOOL

Careers News

February 8, 2013



NOSSAL
High School

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Student Careers & Pathways

Ms Linda Rackham

News from Monash University

The annual 'At Monash Seminar Series' commences in March! These seminars provide Year 11 and 12 students and parents with an insight into the courses and career options within discipline areas. The seminars are presented by academics in conjunction with current university students and graduates and are held in various locations across the Caulfield, Clayton and Peninsula campuses. Seminars with the same title have the same program.

Date	Event	Campus
Tuesday 5 March	Arts (Humanities and Social Sciences)	Caulfield
Wednesday 22 May	Arts (Humanities and Social Sciences)	Clayton
Wednesday 6 March	Architecture and Interior Architecture	Caulfield
Thursday 7 March	Nursing, Midwifery and Emergency Health	Peninsula
Wednesday 13 March	Business and Economics	Clayton
Thursday 14 March	Science	Clayton
Tuesday 19 March	Physiotherapy and Occupational Therapy	Peninsula
Wednesday 20 March	Information Technology	Caulfield
Thursday 21 March	Pharmacy and Pharmaceutical Sciences	Parkville
Wednesday 17 April	Design and Fine Art	Caulfield
Thursday 18 April	Psychology	Clayton
Wednesday 1 May	Law	Clayton
Tuesday 7 May	Health Science and Social Work	Caulfield
Wednesday 8 May	Teaching, Sport and Outdoor Recreation	Peninsula
Thursday 27 June	Teaching, Sport and Outdoor Recreation	Clayton
Monday 13 May	Medicine	Clayton
Tuesday 21 May	Education and Nursing	Berwick
Tuesday 28 May	Gippsland Campus Showcase	Gippsland
Wednesday 29 May	Biomedical Science, Radiography, and Nutrition and Dietetics	Clayton
Thursday 30 May	Engineering Information Evening	Clayton
Tuesday 20 August	Performing Arts and Music	Clayton
June TBC	Bairnsdale, Warragul and Leongatha Community Information Evenings	

Exact venue details are available online!

Bookings are essential and can be completed online at www.monash.edu/seminars



Monash Arts Facebook Page Launched

The recently launched Monash Arts Facebook page provides VCE students with an opportunity to learn about studying Arts at Monash in an environment where they feel right at home. The page features videos of our current students describing their experiences and academics providing insights into our study areas.

'Liking' the Monash Arts Facebook page is a great way for VCE students to begin to get a feel for what university life is like and to ask questions in a forum that they are comfortable with.

Visit www.facebook.com/MonashArts

Pharmacy, Pharmaceutical Sciences - What's the Difference?

Pharmacists are directly concerned with peoples' health and wellbeing. They provide advice on the safe and effective use of medicine and are actively involved in patient care in hospitals and the community. As medicine experts they often also work in government, industry, research and clinical-trial roles.

For those students interested in science and healthcare and who enjoy communicating with people, then the Bachelor of Pharmacy is for them as this is the degree needed to become a pharmacist.

In Victoria, the Bachelor of Pharmacy is offered at:

Monash University www.monash.edu.au/study/coursefinder/course/2628/

RMIT University www.rmit.edu.au/programs/bp271 and

LaTrobe University www.latrobe.edu.au/courses/pharmacy

Pharmaceutical scientists are experts in the chemistry, biology and biotechnology required to design and develop medicines. They play a key role in improving human health and wellbeing by researching and developing reliable, accessible and effective treatments. They understand the impact of medicines on the body and diseases. They are also experts in bringing safe and effective products to market.

Students who enjoy solving problems, love chemistry or biology, and want to improve human health, then a Bachelor of Pharmaceutical Science could be their calling as it equips students to work in the pharmaceutical science and biomedical fields.

The Bachelor of Pharmaceutical Science is offered at:

Monash University www.monash.edu.au/study/coursefinder/course/2894/ and RMIT University <http://www.rmit.edu.au/programs/bp184>

Students could also consider LaTrobe University's course in Medicinal Chemistry www.latrobe.edu.au/courses/medicinal-chemistry



Virtual Pharmacy - Pharmville

Major changes are underway in the way universities are teaching pharmacy to undergraduate students. By way of a virtual pharmacy or "virtual practice environment" students get to experience a variety of health care settings, such as a community pharmacy, hospital ward or dispensary, home setting, rural pharmacy depot and remote community health service, where they can interact with virtual 'patients', health professionals and others through role playing, video conferencing, online software and avatars. Developed by Monash University, and used by a number of universities worldwide, students get to practise pharmaceutical calculations required for the compounding process. These calculations are presented as prescriptions from virtual patients, phone enquiries or 'chats' with virtual nurses, doctors and patients. Students select the required ingredients from an extensive selection of drugs and raw materials and measure out the correct amount or provide other dosage related data as prompted.

For more information visit <http://monash.edu/pharm/innovative-learning/technologies/pharmville/> and also <http://monash.edu/pharm/>

Top Jobs Growth Industries

November 2000 to November 2012 in Victoria

Health care and social assistance	132,700
Professional, scientific and technical services	87,200
Construction	86,500
Retail trade	85,200
Education and training	79,600
Wholesale trade	39,200

Source: ABS Labour Force Survey, DEEWR trend data

Veterinary Science Open Day 2013

Prospective students, parents, children, animal lovers and veterinary science buffs — we welcome the whole community to our annual Open Day.

- Experience amazing animal encounters, including seeing the Customs Detector Dogs in action.
- Step behind the scenes of our world-class Veterinary Hospital.
- Talk to veterinarians about their latest, ground-breaking research.
- Discover our internationally-accredited veterinary science course.
- Enjoy free, fun activities for kids of all ages - including our animal farm.
- Feast at food stalls to support the local scouts and our students.
- Engage with pet demonstrations, public lectures, interactive displays and guided tours.

Date: Sunday 17 March 2013

Time: 10.00am – 3.00pm

Location: University of Melbourne
Veterinary Hospital,
250 Princes Hwy,
Werribee Campus

For more information, including a map on how to get there, visit www.vet.unimelb.edu.au/openday

Engineers Australia Careers Expo

Engineers Australia, Victoria Division, will deliver another exhibition this year that is not only aimed at promoting employment opportunities in engineering but also celebrates Victorian engineering excellence and advocates the importance of engineering leadership within the profession. More than 80 companies, from a range of industry sectors will exhibit at the expo to provide engineering industry insight in areas including employment, education and career opportunities, career path resources, engineering capability and engineering leadership. Students will be able to enjoy free seminars, talk to engineers, receive resume advice from professionals, network with colleagues, peers and prospective employers, access professional career advice and hear about the exhibitor's latest and most innovative projects.

Date: Thursday 21 March 2013

Time: 11.00am – 7.00pm

Venue: Etihad Stadium, Victory Room
(Entrance at Gate 1), Docklands, VIC

Register your attendance by visiting

<https://www.engineersaustralia.org.au/events/engineers-australia-careers-expo-2013>



Year 12 students might like to diarise that the Undergraduate Medicine & Health Sciences Test (UMAT) will be held on Wednesday 31 July. Registrations for UMAT2013 will open in early April 2013. Visit <http://umat.acer.edu.au/>

News from RMIT University

Associate Degree in Engineering Technology (Civil Engineering) - Pathways

Civil and structural engineering associates provide technical support to civil engineers. Civil engineers plan, design, draft, construct and maintain infrastructure such as roads, bridges, dams, water supply schemes, sewerage systems, transportation systems, harbours, canals, dockyards, airports, railways, factories and large buildings.

Current Year 12 prerequisite subjects for entry into the Associate Degree are: Units 3 and 4—Mathematical Methods (CAS) and a study score of at least 25 in English (ESL) or at least 20 in any other English. Students studying the Associate Degree in Engineering Technology (Civil Engineering) are also guaranteed entry into the Bachelor of Engineering (Civil and Infrastructure) - <http://www.rmit.edu.au/browse;ID=BP198>. Students will also benefit with up to 2 years exemption providing they obtain a grade point average (GPA) of greater than 2.0 (60%). Students with a GPA of less than 2.0 (60%) can still apply and may be eligible for exemptions if successful. Applications are always made via VTAC.

Visit <http://www.rmit.edu.au/programs/ad009> or call (03) 9925 4468 for more information.

Folio Preparation Courses

Folio preparation and career discovery courses, designed for Year 11 and 12 students, are held at the RMIT City and Brunswick campuses throughout the year.

Students will gain valuable insights into study options and will:

- learn about the design industry
- try new techniques that can be used for a folio
- experience projects and exercises particular to a design area

For further information, call (03) 9925 8111 or visit

<http://www.shortcourses.rmit.edu.au/index.php?cbs=e69ceb3cdc14e1422eced48f4944eb25>.

Discovering Sports - Victoria University

Students can turn their passion for sport into a career by completing a degree in sport and exercise science at Victoria University.

Students keen on finding out more about VU's sport and exercise science courses can visit the School of Sport and Exercise Science's updated website. There are links to course information and videos from students and lecturers describing their passion for Sport and Recreation Management, Exercise Science and Human Movement, and Physical Education. Visit vu.edu.au/school/ses

Careers as an Air Traffic Controller



Air traffic controllers manage the safe and orderly flow of aircraft into, out of and between airports in Australia and with overseas regions adjoining Australian airspace.

Air traffic controllers may perform the following tasks:

- maintain radio contact with pilots to keep aircraft separated in 'corridors' of controlled airspace, on air routes and near major airports
- make sure that aircraft operate only on pre-arranged routes and altitudes
- use radar to monitor and control aircraft movements
- provide information and assistance to pilots and emergency services during in-flight emergencies

Air traffic controllers must –

- be able to make quick and accurate decisions
- have an aptitude for working with computers
- be confident, highly responsible, self-motivated and independent, but also be able to work in a team

To become an air traffic controller, students should gain their Year 12 with passes in English, mathematics and a science subject (preferably physics). To find out more, visit <http://www.jobguide.thegoodguides.com.au/occupation/Air-Traffic-Controller>

So, you've got a Job Interview for a Part-Time Job?

Remember these five things:

1. Don't try too hard – be relaxed, be sincere, be yourself
2. Attitude and appearance – behave and dress in a way that brings out the best in you at the interview
3. Be confident – to impress, behave in a sure, confident manner
4. Be positive – smile, be the best you can be, don't be negative
5. Do your research – read up about the company you hope to get a job with and don't be afraid to drop into the conversation a little about something you already know about them

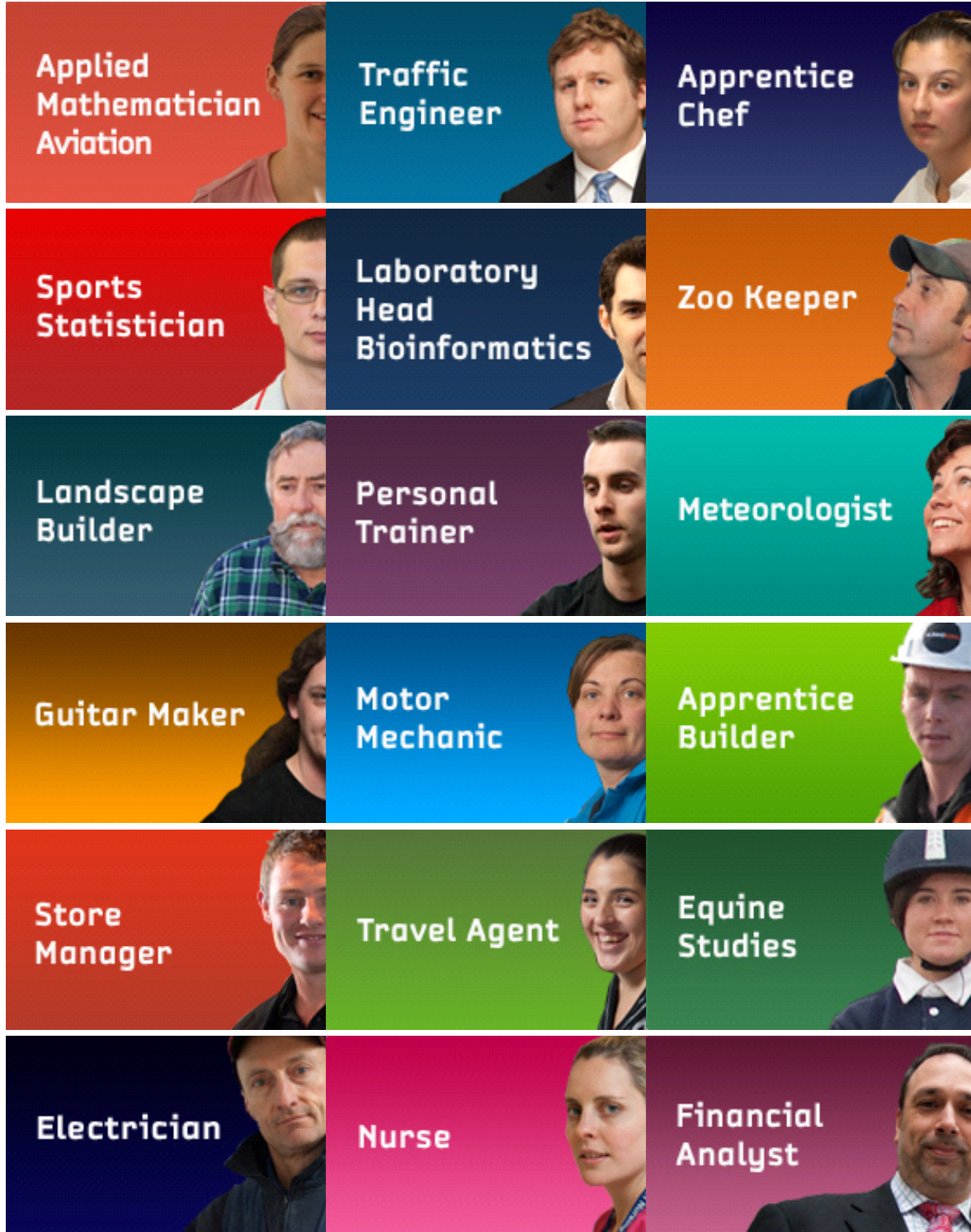
Adapted from Career One, Herald Sun, Saturday 12 February 2011

List of Universities in Victoria

Deakin University	www.deakin.edu.au
Monash University	www.monash.edu.au
RMIT University	www.rmit.edu.au
Swinburne University	www.swinburne.edu.au
University of Melbourne	www.unimelb.edu.au
University of Ballarat	www.ballarat.edu.au
LaTrobe University	www.latrobe.edu.au
Victoria University	www.vu.edu.au
Australian Catholic University	www.acu.edu.au

Maths: make your career count

Students often ask where maths and statistics can take you! Are there jobs out there that use maths? View the various jobs below that need maths. Browse and research jobs online at www.mathscareers.org.au



GAP Year Information

AFX Student Exchange

AFX Student Exchange offers a range of programs including high school or GAP year programs to France. As a special offer, students participating in the high-school programs who apply before 1 March 2013 will be entitled to a free intensive French course run by the Alliance Française. Visit <http://www.australia-france-exchange.com/australie/> to find out more!

For more information about all the programs offered by AFX visit

<http://www.australia-france-exchange.com/australie/index.php/afx-alliance-francaise-special/>

Antipodeans Abroad

Are you unsure what to do once you finish Year 12? Perhaps you are unsure what you want to study at university or TAFE? Perhaps you want to consider taking a GapBreak. Antipodeans Abroad invites students to join their GapBreak program, a 3-6 month volunteer placement in a developing country. There will be an Information Night that interested students might like to attend!

When: Monday 18 March 2013

Time: 6.30pm – 7.30pm

To find out more and/or to register for the free Information Night, visit

<http://www.antipodeans.com.au/info-nights.htm>.

Alternatively visit

<http://www.antipodeans.com.au/gap-break/gap-break.htm>

Au Pair, Volunteer, Exchange Programs

AIFS and its family of companies organises cultural exchange programs throughout the world! Whether students are looking for cultural exchange program, an Au Pair placement, to volunteer or a stint with Camp America, AIFS has a range of opportunities and programs to offer! Visit www.aifsaustralia.com to find out more!

GAP Medics



Our programs offer students interested in healthcare a genuine insight into the hospital work of doctors and nurses in Tanzania, Zanzibar, Thailand and the Czech Republic.

Gap Medics are offering an exciting project for students who are looking to apply for university courses in medicine, nursing, dentistry or midwifery. Gap Medics is a provider of short-term healthcare work experience placements abroad. Although based in the UK, its programs are open to students from all around the world. This organisation is dedicated to arranging hospital work experience placements for students who are applying to medical or nursing school in particular.

So, what does the project involve? During weekdays, students shadow highly skilled doctors in their day-to-day work on a fully-supervised hospital placement. Students will also have the benefit of clinical teaching, safe and secure accommodation, food, transfers in Tanzania or Thailand, local orientations, 24/7 support from Gap Medics support teams overseas and in the UK and lots of help with preparations for their trip too.

Visit www.gapmedics.com to find out more!

Lattitude Global Volunteering

Lattitude Global Volunteering (formerly Gap Activity Projects) has been offering international volunteering and gap year projects for 17-25 year olds, for over 35 years. A diverse range of projects are on offer in Asia/Pacific, or further afield in Europe, the Americas and Africa.

Lattitude Volunteers...

- are not tourists. They immerse themselves in the local culture and become members of that community. They learn about a country from within
- step outside their comfort zone and achieve something unique
- experience life, living and new horizons

Applications for 2014 are already open! Visit www.lattitude.org.au to find out more!

Projects Abroad

For any students keen to learn more about the volunteer and work experience programs offered through Projects Abroad, there is an upcoming Open Day whereby students can chat to volunteers and staff or listen to one of a series of talks that will be running. Students can drop in at any time during the day!

Date: Saturday 9 March 2013
Time: 1.00pm – 5.00pm (arrive anytime)
Venue: Northcote Town Hall, 189 High Street, Northcote 3070

Bookings can be made at <http://www.projects-abroad.com.au/about-us/meet-us/>

Student Exchange Australia

LOTE students often express an interest in finding out more about short-term exchange programs to countries like Japan, France, Germany, Canada, Spain and many more! Students and parents are invited to attend an Information Evening -

When: Wednesday 6 March 2013
Time: 7.30pm
Venue: Radison on Flagstaff Gardens, 380 William Street, Melbourne

To find out more call 1300 135 331 or visit www.studentexchange.org.au

Southern Cross Cultural Exchange



Cultural Exchange (SCCE) is an organisation that has been running exchange programs since 1983. SCCE is hosting a FREE information evening -

When: Tuesday 19 February 2013 OR Tuesday 5 March 2013
Time: 7.00pm – 8.30pm
Venue: Conochie Hall, 2 Rochester Road in Canterbury

For more information call 1800 500 501 or visit www.scce.com.au

GAP Year through Tutors Worldwide



There are many different ways in which a GAP Year can be organised. Tutors Worldwide offers students the opportunity to work in an overseas school environment at either prep or secondary (high) school.

Currently Tutors Worldwide recruits for (both senior and junior) schools in the UK, Australia, New Zealand and South Africa, and from among students in the same countries, incorporating personal visits to all countries.

For more information or to download the application form, visit <http://www.tutorsworldwide.org/>. Applications close 11 April 2013.

Volunteer Abroad with WEP

World Education Program (WEP) Australia is now offering a range of international programs for people over the age of 18! Programs include volunteer and conservation projects, work & travel and internships, teaching English overseas, international language study and language & volunteer packages.

WEP's GAP programs bring together volunteers from all over the world to help communities in need.

Volunteers:

- learn to work through the various challenges of adapting to a new culture
- grow in maturity, gain more confidence and develop greater self-awareness
- gain a better understanding of the world and international relations
- develop a much more worldly, focused and determined approach to life once back in Australia



Find out more by visiting www.volunteerabroad.com.au or call 1300 884 733.