

Career News

Thursday 21 March 2019

Dear Parent/Guardian

This Careers Newsletter contains information on many and varied topics that are fast approaching.

- Australia National University – Tuckwell Scholarship (open now)
- RMIT Trades Tours
- Victoria Polytechnic Trade Tours
- Webinar – Steps to an Australian apprenticeship
- RMIT Apprenticeships and Traineeships Facebook site
- Flight attendant – 12-month Cabin Crew in the Air Force (now open)
- Flight attendant training at William Angliss
- Focus on the Bachelor of Science
- Musculoskeletal Occupations (physiotherapy, osteopathy, chiropractic, myotherapy, podiatry)
- Interesting career articles
- Sports Physiotherapy vs exercise physiology
- Careers in medicine and dentistry
- Mining engineering graduates are in high demand
- Careers in business – insurance, economics and actuarial science
- Big Science Small Science – RMIT Facebook page
- Monash University – events and updates
- The University of Melbourne – events
- Natural health courses
- IT Careers – article and websites
- The rise of automation – jobs that may become obsolete
- Hotel Management – events and courses
- Careers in Dairy Nutrition at Fonterra
- Policing careers – Victoria and Federal
- Transport and Logistics – events and careers
- Australian Defence Force Gap Year Program – now open
- Australia National University – applications now open
- TAFE to university pathways
- Get a head start on searching for university scholarships
- International Studies at Monash University
- Dates for your diary

UNI SCHOLARSHIPS – HIGH ACHIEVERS

Australia National University (ANU) – Tuckwell Scholarship: If you are planning to study at ANU in 2020, you should consider applying for the prestigious Tuckwell Scholarship. Stage 1 applications are now open and close on the 28th of March, <https://bit.ly/2Sja5r7>

APPRENTICESHIPS, TRAINEESHIPS, TAFE

RMIT Trades Tours: Students interested in finding out more about how to start a career in the trades are invited to come along on a free tour of RMIT's trades spaces with one of their expert guides. Tours are a great opportunity to:

- Explore mock construction sites
- Learn about the different study options and pathways
- Experience specialised facilities including refrigeration CO2 labs and plumbing pits

Tours are run every Thursday between 10.00am – 11.30am by appointment at the City campus. For information and to register your place, go to <http://bit.ly/2FaH5jE>

Webinar - Steps to an Australian apprenticeship: This webinar will walk you through each of the steps to an Australian Apprenticeship and how to find resources to help you find an apprenticeship or traineeship. Date: 21 March 2019, 2:00pm, location – online. Register at this link - <https://bit.ly/2SnbYmn>

Victoria Polytechnic Trades Tours: Every Wednesday, the Sunshine campus host an information session and tour of the trades facilities. You'll learn how to launch your career in a trade.

This is a great opportunity to ask questions about the trades courses on offer and meet future teachers. For information and to secure your place on the next tour, go to <https://bit.ly/2GV0XaJ>

RMIT Apprenticeships and Traineeships on Facebook: Keep up to date with industry news, trade careers, and pre-apprenticeship courses at RMIT by joining their Facebook page- <https://bit.ly/2tObITF>

Interested in being a flight attendant? Did you know that you can apply for the Air Force Cabin Crew position as part of the Australian Defence Force Gap Year Program? If successful, you will “provide safety, comfort, and in-flight service to passengers and crew on board specialised aircraft, whilst enjoying a fulfilling 12-month taste of life in the Air Force”. Applications are now open. For information and to register your interest, go to <https://bit.ly/2uW1hzi>

Flight Attendant – William Angliss: If you don't want to join the Air Force for 12-months, you could consider studying the Certificate III in Flight Operations (Cabin Crew) at William Angliss, Melbourne, <https://bit.ly/2Hasrso>

It is advisable to check the job entry requirements for different airlines as you may need to meet requirements such as height, fitness and level of education. Having a background in a customer service job is highly desirable (e.g., retail or hospitality), as well as being able to speak a second language.

BACHELOR OF SCIENCE

Is your daughter considering studying a Bachelor of Science in the future? The Bachelor of Science is an excellent choice of degree for students and one of the most

popular choices in the country. The following are three Bachelor of Science programs to consider.

1) Swinburne University, Bachelor of Science (Professional): This course offers 6 majors, and 9 minors. Students are guaranteed one-year of paid industry experience as part of the degree, extending the time it takes to complete the course by one-year. Applicants will need to achieve an ATAR of approximately 80 to be considered for admission, and this could rise for the 2020 intake, <http://bit.ly/2oGSaOO>

2) Deakin University, Bachelor of Science (Global Science and Technology Program): The Bachelor of Science offers a choice of 13 majors. Student who achieve an ATAR of 80+ are eligible to apply for the Global Science and Technology Program. This program enables students to experience science outside of the classroom by undertaking global study options, <http://bit.ly/2oIVl6S>

3) Monash University, Bachelor of Science: This course offers a choice of 27 extended majors, majors and minors. Students can build their graduate employability skills through the following options:

- **Science Schools Project** – students are placed in teams in a school environment where they teach science to school students. This immersive experience develops highly transferable skills including communication, project and time management and team-work.
- **Science Industry Placement Unit** – this credit unit enables students to undertake a science-based industry placement of at least 80hrs. Students have the opportunity to put into practice the knowledge and skills developed in their course.
- **Career Skills for Scientists** – this unit uses work-related activities to enhance transferable skills including commercial awareness, leadership, teamwork and communication. Through scenarios and creative problem-solving activities, students learn about the business environment.

Course information, <http://bit.ly/2FcKR84>

MUSCULOSKELETAL OCCUPATIONS

Does your daughter love health and science and would like to diagnose and treat musculoskeletal issues? She may consider exploring the following occupations (the following are courses in Victoria):

Osteopathy: You can study osteopathy at:

- RMIT, <http://bit.ly/2an8mBb>
- Victoria University, <http://bit.ly/2anuNQp>

Chiropractic: You can study chiropractic at:

- RMIT, <http://bit.ly/2aegMEX>

Myotherapy: You can study myotherapy at:

- Southern School of Natural Therapies, <http://bit.ly/2IQzHfm>
- Endeavour College of Natural Health, <http://bit.ly/2mtKmjM>

Physiotherapy: You can study physiotherapy at:

- La Trobe University, <http://bit.ly/1KYy9XY>
- Australian Catholic University, <http://bit.ly/23UACtx>
- Charles Sturt University: <http://bit.ly/1MNIxVs>
- Monash University: <http://bit.ly/2fkjoFM>
- University of Melbourne: <https://bit.ly/2Tr3GhV>
- Australian Catholic University: <https://bit.ly/2HdYV58>

Podiatry: You can study podiatry at:

- La Trobe University, <http://bit.ly/1P8ko9J>
- Charles Sturt University: <http://bit.ly/1KRKr4i>

Massage, Remedial Massage and Myotherapy: you can undertake vocational courses at most TAFE institutes.

You may also like to explore **Prosthetics and Orthotics** as a career.

You can study the Bachelor of Applied Science/Master of Clinical Prosthetics and Orthotics at La Trobe University, Bundoora, <http://bit.ly/2mtHtPM>

INTERESTING CAREER ARTICLES

Career articles from **Careers With STEM (Science, Technology, Engineering and Maths)**

- **A-Z of STEM Careers:** everything from Astrophysicist to Zoologist, <https://bit.ly/2HcvmRI>
- **Australia's top 10 STEM employers for graduates** – as ranked by graduates themselves. See the list here - <https://bit.ly/2GV0qFN>
- **Biosecurity crusader:** Emma went from ecology student to Project Officer at Biosecurity Queensland. Find out how she helps preserve plant biosecurity and her work on other important policy initiatives, <https://bit.ly/2XlrqO6>
- **Edu-tech guru:** evolutionary biologist Michael Kasumovic juggles research and teaching at UNSW with heading his start-up Arludo: an app which uses augmented reality to immerse students in the world of evolution, <https://bit.ly/2GV4ISZ>
- **Chemist to consultant:** Emma Gin switched from organic chemistry researcher to technology consultant and hasn't looked back, <https://bit.ly/2SDg2z9>

- **7 paths to computer science careers:** from horse paddocks to high-rise apartments, there are many ways to plug into coding, <https://bit.ly/2TuJ7kM>
- **Be a front runner in your favourite sports with sports science jobs:** athletes and sports teams know it's good to have maths and computer science in their corner, <https://bit.ly/2tN2Opq>

The article was written by Nathan Chanesman, My Career Match, <https://bit.ly/2ThNujR>

Where are all the STEM jobs... it's not where you think: The (manufacturing) industry continues to employ a significant number of Australians with jobs created in new technology, environment, food and health, composite materials and defence, all requiring STEM skills.

Today 885,000 work in manufacturing making it the 6th largest employer in the country. Australia's advanced manufacturers are transformative companies. They are securing their own futures, creating jobs, and helping to underpin a sustainable Australian economy. See www.aamc.org.au/showcase/

Here are just a few Australian businesses who represent amazing creativity, innovation and engineering in Australia's manufacturing industry. These and many others like them will provide employment opportunities for STEM graduates.

- Tradiebot Industries: Using Augmented and Virtual Reality Technologies to Train Automotive Workforce, <https://tradiebot.com/>
- Carbon Revolution: Geelong based manufacturer supplies carbon wheel rims to Ferrari, www.carbonrev.com
- Quickstep: is at the forefront of advanced composites manufacturing and technology development for the global market, www.quickstep.com.au
- One Atmosphere: builds post-crash buoyancy system offering safety and survivability for military and civilian helicopters operating over water, <http://oneatmosphere.com.au/>
- BlueZone Group: supplies quality subsea equipment and services to the Oceanographic, Defence, Offshore Oil & Gas and Renewable Energy sectors, www.bluezonegroup.com.au
- Codan Limited: is an Adelaide based manufacturer and supplier of communications, metal detection, and mining technology, <https://codan.com.au/>

Is your daughter interested in sports physiotherapy?

Has she considered clinical exercise physiology as being a more suitable pathway than physiotherapy?

"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".

Students will study an Exercise and Sport Science Australia (ESSA) accredited undergraduate exercise science degree followed by graduate studies in exercise physiology. The following are examples of courses at Victorian universities:

- Deakin University, <https://bit.ly/2TPWDQ3>
- Australian Catholic University, <https://bit.ly/2CiUimH>
- Victoria University, <https://bit.ly/2Q1iwXx>
- La Trobe University, <https://bit.ly/2wnpoq>
- Federation University, <https://bit.ly/2Y12H7S>

Prefer Sport Physiotherapy?

You can research physiotherapy courses at the following universities:

- La Trobe University, <https://bit.ly/2LFOsz6>
- Australian Catholic University, <https://bit.ly/2HdYV58>
- The University of Melbourne, <https://bit.ly/2Tr3GhV>
- Monash University, <https://bit.ly/2Qo3TSs>
- Charles Sturt University, <https://bit.ly/2OaaGux>

Careers in Medicine & Dentistry

- How to become a dentist
- How to become a doctor
- The graduate tour: cosmetic surgeon
- Should you study medical science?
- What is medicinal chemistry?
- What's it like being a doctor? QnA with a resident
- Dinner with Charlie Teo on life as a brain surgeon
- QnA with a cancer researcher
- What is studying medicine really like? QnA with a UNSW med student

To read the articles, go to <http://bit.ly/2FJh5Mg>

Mining engineering graduates in high demand

According to data from Graduate Careers Australia, mining engineers are the most employable engineering graduates. In order to meet global demand for highly skilled resource engineers:

- Monash University offers Engineering degrees in Renewable Energy, Oil and Gas, Geological and Mining, <http://bit.ly/2dh4PTt> and
- Federation University offers Mining Engineering, <https://bit.ly/2LeY8UK>

Is your daughter interested in careers in Business & Commerce?

When people think of careers in business, they often think of occupations such as business management, accounting, finance, and marketing. The following are three business career areas you may not have considered:

- **Insurance:** As one of the biggest, most diverse industries in the world, insurance has more roles than you'd imagine – including ones that are perfect for you. Love numbers? You're needed. Love people? Insurance has roles for you. Analytical? A big thinker? A problem solver? Whatever you are, insurance has a job with your name on it, <http://careersininsurance.com.au/>
- **Economics and Econometrics:** Economists perform economic research and analysis, develop and apply theories about production and distribution of goods and services and people's spending and financial behaviour, and provide advice to governments and organisations on economic policy issues, <https://bit.ly/2FgK6gH>
- **Actuarial Science:** Actuaries evaluate risk and opportunity – applying mathematical, statistical, economic and financial analyses to a wide range of business problems. Actuaries work in insurance, superannuation, wealth management, investments, health financing, banking, data analytics, energy resources and the environment etc., <https://bit.ly/2TdcFiy>

Big Science, Small Science

Is a Facebook page run by RMIT Science students. The page is regularly updated with scientific articles, quizzes, facts and polls. Members are all invited to contribute, <http://bit.ly/2nC4tgy>

Monash University Updates

- Tour the Engineering Faculty during the April school holidays and learn about courses, pathways, and entry requirements, <https://bit.ly/2W81rxZ>
- Tour the Clayton and Peninsular campuses during the April school holidays, <https://bit.ly/2TNzRIP>
- Stiochiometry Revision Day – open to Year 12 students studying Chemistry. Wednesday 10 April, <https://bit.ly/2O8gAMU>
- IT students will enjoy brand new state-of-the-art facilities on the Clayton campus from 2020, with the Technology Education Building now under construction. Learn about IT courses at Monash here, <https://bit.ly/2Oa6zi0>
- Find out about the exciting new Bachelor of Applied Data Science courses, <https://bit.ly/2FIY5CB>

The University of Melbourne – Events

- Meet Melbourne Online: Prospective students can speak with current staff and students via one of two free online webinars about course options, prerequisites, scholarships, accommodation etc. Available dates are Tuesday 26 and Thursday 28 March. For information and to register your preferred date, go to <https://bit.ly/2F9eU1s>
- Melbourne JD & LSAT information session: this is for students who are interested in studying graduate law at the University – The Juris Doctor, and finding out about the

Law School Admissions Test (LSAT). The event will be held on the 14th of April, <https://bit.ly/2Hqo5yk>

Natural Health Courses

Has she considered natural health? The following two private colleges are located in the Melbourne area:

Endeavour College of Natural Health

- Courses: Acupuncture, Myotherapy, Naturopathy, Nutritional and Dietetic Medicine, and Complementary Medicine, www.endeavour.edu.au
- Career profiles of graduates, <https://bit.ly/2fJpe6O>

Southern School of Natural Therapies

- Courses: Health Sciences, Naturopathy, Nutritional Medicine, Western Herbal Medicine, Chinese Medicine, Clinical Myotherapy, www.ssnt.edu.au
- Wellbeing Centre: open to the public, <https://bit.ly/2Y0Mu2s>

IT Careers

Interesting article about careers in information technology: this article by Nathan Chanesman (My Career Match) talks about careers in cybersecurity, data analysis, computer sciences, mobile devices, gaming, digital marketing, hardware and software, coding, design, service support, website development and sales etc.

- Article: <http://bit.ly/2DB0tk5>
- Data Science and Careers With Code e-magazines - <https://bit.ly/2Os7gCR>
- Digital Careers – <https://bit.ly/2Y1KtD5>
- Careers Foundation - <http://bit.ly/2flU5a3>

Rise of the Robots

With the rise of automation and robotics, many of our current jobs and occupations will either become obsolete or change significantly. Lia Ryerson from Business Insider has written an article about 10 occupations that may go extinct in the future, including cashiers, fast food workers, retail jewellers, and mail carriers.

You can read the article here - <https://bit.ly/2ueolrA>

Interested in Hotel Management?

The Hotel School Melbourne offers higher education courses in Hotel Management and International Tourism & Hotel Management. Prospective students have the opportunity to experience life as a Hotel student on Wednesday 10 April, from 12pm – 1.30pm.

Students will learn about courses at the institute, careers in hotel and tourism management, hear from graduates, and meet business leaders from the Hotel Management industry. For information and to register your place, go to <https://bit.ly/2O8uqP9>

You may like also like to explore hotel management courses at the following institutes:

- William Angliss, Melbourne - www.angliss.edu.au
- Blue Mountains International Hotel Management School, www.bluemountains.edu.au

Careers in Dairy Nutrition

Fonterra is a global leader in dairy nutrition – the preferred supplier of dairy ingredients to many of the world’s leading food companies.

They have the following consumer dairy brands in Australia, New Zealand, Asia, Africa, the Middle East and Latin America – Bega, Mainland, Western Star and Perfect Italiano. Fonterra is a farmer-owned co-operative and the largest processor of milk in the world, <https://bit.ly/2TbBT0l>

Staff are running an information session for students about their graduate programs on the 21st of March at Level 2 – 40 River Boulevard, Richmond, Victoria. You will be able to speak to members of the executive and leadership teams, network, and taste some of the products.

For information and to RSVP, email events@explorecareers.com.au

Is your daughter keen on Policing Careers?

Careers with the Victoria Police: Victoria Police provides policing services to the state’s community 24 hours a day, seven days a week, working to keep over six million people safe. They are currently in the midst of their biggest recruitment drive ever, looking to recruit over 3,000 new Police Officers, as well as additional Protective Services Officers and Police Custody Officers by 2021.

In addition to policing roles, Victorian Public Servants work across more than 500 locations in Victoria, playing supporting roles in specialist professions such as IT, law, communications, recruitment, forensic science and many more.

Year 12 students may be interested in starting their application at the end of the year. As a Victoria Police Officer, employees will have access to great benefits, including generous leave entitlements and ongoing training throughout their career.

Websites to explore

- Victoria Police Careers, www.police.vic.gov.au/careers
- Recruits TV Series, <http://bit.ly/2EdpKpF>

Careers with the Australian Federal Police? A career with the AFP can lead to working with the community, across the country or around the globe.

Whether in a non-policing support role, investigating transnational crime, combatting terrorism and people smuggling, investigating crimes against the ACT community and patrolling its city and suburban streets, providing high visibility protection to commonwealth infrastructure sites and establishments, or heading overseas to liaison posts or capacity building missions, you'll be on the frontline, contributing to keeping the Australian community safe.

There are three main employment pathways:

- Entry Level Sworn Recruit
- Lateral Police Recruit
- Professional (Non-Policing) Role

For information on entry requirements, careers, and the recruitment process, go to www.afp.gov.au/careers

Transport & Logistics

Mainfreight are one of the world's largest transport and logistics companies. They have 8,000 staff in 14 countries and have an excellent graduate program. They offer numerous careers across different areas of the supply chain including:

- Air & Ocean
- Warehousing
- Transport
- Supply Chain

Staff from Mainfreight are running information sessions for students at Clayton and Epping in August. Numbers are strictly limited, so please contact Rebecca Stoneman to secure your place early- rebecca@explorecareers.com.au

To find about careers at the company, go to <https://bit.ly/2Y6O9TU>

Explore logistics and transport careers further through the following websites:

- Logistics Information and Navigation Centre, www.the-linc.com.au
- Rail Careers, <https://railcareers.net.au/>

VOCATIONAL & HIGHER EDUCATION NEWS

Australia Defence Force Gap Year Program – applications now open: Current Year 12 students can apply for a 12-month position in the Air Force, Army or the Navy. To explore the positions available and to apply, go to <https://bit.ly/2uW1hzi>

Australia National University (ANU) – applications now open: Current Year 12 students planning to study at ANU in 2020 are now able to complete their application for

courses, scholarships and accommodation. Applications close 31 May 2019. For information on the admissions process and key dates, go to <https://bit.ly/2TrDGD9>

TAFE to university pathways: did you know many TAFE institutes have partnerships with universities? This enables students to complete eligible TAFE courses and be accepted into eligible university courses – in some cases with credit. As an example, Kangan Institute has partnerships with Charles Sturt University, La Trobe University, Victoria University and Federation University, <https://bit.ly/2gWD5qe>
Contact your local TAFE institute to find out more, <https://bit.ly/2yG6vzc>

Get a head start on searching for university scholarships: If you are considering studying at university in the future, it is advisable to search for scholarships and apply for any you believe you are eligible for. The Good Universities Guide has a dedicated scholarship page on their website and a search function. The scholarships haven't been updated for the 2020 intake, but you can start familiarising yourself with the site and recording scholarships you can check on later in the year, <https://bit.ly/2upv1oW>

The International Studies major at Monash University offers an interdisciplinary focus on globalisation with four new thematic streams. Once completing the core units, students can focus on one stream or take a mixture of units to complete their Arts major (8 units), <https://bit.ly/2GUUdtq> or Global Studies Specialisation (12 units including an overseas component), <https://bit.ly/2IQWkQK> -

- Global Health & Disease Environment
- Cities & Sustainability Crisis
- Conflict & Disaster Commerce
- Technology & Consumption.

Many overseas study opportunities are also available.

DATES FOR YOUR DIARY

MARCH

- **5 – 27: Defence Force Careers Events, Victoria,** <https://bit.ly/2NoZZ76>
- **27: Inside Monash Seminar,** Monash University, Clayton, Business, <http://bit.ly/2ki2NYw>
- **28: Tuckwell Scholarship,** Australia National University, applications close, <https://bit.ly/2Sja5r7>

APRIL

- **3 - 30: Inside Monash Seminars,** Monash University, MD & Biomedical Science (3), Science (4), Criminology (30), Law (30), <http://bit.ly/2ki2NYw>
- **12: Experience Clever Day, La Trobe University,** Melbourne campus, <http://bit.ly/2p07y7b>

- **12: A Day at Melbourne**, University of Melbourne, Parkville. Information to be released, <https://bit.ly/2tqoveP>
- **12 – 24: Monash University**, Guided campus tours, Clayton and Peninsular campuses, <https://bit.ly/2TNzRIP>
- **17: Industry Experience Day**, Academy of Interactive Entertainment, Melbourne, <https://aie.edu.au/>
- **27: Nursing Careers Expo**, Australian College of Nursing, Melbourne, <https://bit.ly/2lw332H>
- **30 April – 25 June VU Information Evenings** start at 6.30pm and conclude between 7.30pm-8pm. For further information and registration go to <http://study.vu.edu.au/information-sessions>

The Pathways Team