

# Careers News

Thursday 8 August 2019

Dear Parent/Guardian

This weeks Careers Newsletter includes information on the following:

- Dates for your diary
- La Trobe University Young Writers' Award (Yr 10)
- Gap Medics – overseas work experience in medicine, nursing, dentistry etc.
- Australian Apprenticeship Pathways – website
- Explore technical trades in the Defence Force
- Deakin Explore – use the filters to narrow down occupations and courses
- Pathways to Deakin University – Deakin College
- Bullseye posters – explore occupations based on your favourite subjects
- Upcoming open days
- Design competition – Year 11 and 12 VCE students
- Open Day – Australian Film Television and Radio School
- Kangan Institute – 3-day Fashion Camp (15 – 19 yrs)
- Kangan Institute – Eco Lux Melbourne Fashion Show
- Australian jobs and labour market information 2019
- Future of work predictor – how will your dream career change in the future? Use the software to find out
- National Institute of Dramatic Arts (NIDA) – applications now open
- Study Law at Swinburne University, and graduate faster.
- Fun STEM and IT career quizzes
- Amazing STEM/IT university courses (e.g., Artificial Intelligence, Computational Biology)
- University applications now open!
- Study law and justice at Victoria University
- Get help with your VTAC applications – online webinar
- Careers in Medical Radiation Science – Nuclear Medicine, Radiation Science, Medical Imaging, Sonography
- Fashion and modelling short courses
- Cool new courses at La Trobe University
- Missed Swinburne Open Day? Book an appointment or attend an Advice Night (including aviation)
- Planning to apply for universities in the US or UK? Check out upcoming info sessions
- Careers with Engineering magazine – just released!

## Dates for your diary

### AUGUST

- **10: Open Day**, Moorabbin Flight Training, Moorabbin, <https://bit.ly/2YB0gvA>
- **10: Open Day**, Australian Film Television and Radio School, Sydney and online live stream, <https://bit.ly/2y5XY8S>
- **13: CASPer Webinar**, Deakin University. Useful for all students applying for

undergraduate teaching courses at Deakin, <https://bit.ly/2YhJFhn>

- **13 – 29: Inside Monash Seminars:** Monash University, Music (13), Engineering (28), IT and Computer Science (29), <https://bit.ly/2ki2NYw>
- **14: VTAC online webinar.** Learn about the VTAC application process, <https://bit.ly/2YOQyGa>
- **25: Medical Radiations Career Open Day,** Peter MacCallum Cancer Centre, <https://bit.ly/2YUemlY>
- **30: Planning ahead, your US & UK application timeline,** Crimson Education, Hawthorn, <https://bit.ly/33f3GDX>

## SEPTEMBER

- **17, 18: Advice Nights,** Swinburne University, Wantirna Campus (17), Hawthorn campus (18), Aviation (18), <https://bit.ly/2KtOnAl>
- **22: Dookie Day,** University of Melbourne, Dookie campus. For students interested in studying agriculture, <https://bit.ly/2Ka80LX>
- **24 - 26: Fashion Camp,** Kangan Institute, Richmond, <https://bit.ly/2Oqv9iF>

## La Trobe Young Writers' Award

If you are in Year 10 and attend a school in Victoria or on the NSW border, you are eligible to enter the La Trobe University Young Writers' Awards. This year's theme is 'Lost Property'. Entries close Friday 23 August. For information about the competition and to enter, go to <https://bit.ly/2mB437N>

## Is your daughter interested in studying medical or health science?

Gap Medics is a company that offers Australian students in Years 11 and 12 fully supported work experience in Poland and Dominican Republic shadowing senior doctors in a hospital environment. Students interested in studying medicine, surgery, nursing, midwifery, or dentistry in the future are encouraged to apply. For more information, go to [www.gapmedics.com.au/](http://www.gapmedics.com.au/). **Please note the College is providing this information but it is the parents responsibility to do their research on such organisations and programs.**

## Interested Australian Apprenticeship Pathways

This site enables you to undertake apprenticeship aptitude tests, find local apprenticeship and group training centres, and learn about different trade occupations, [www.aapathways.com.au/](http://www.aapathways.com.au/)

## Defence Jobs

This site enables you to explore occupations, courses and technical trades in the Army, Navy and Air Force, [www.defencejobs.gov.au/](http://www.defencejobs.gov.au/)

## Deakin Explore

You can search for careers by course, occupation, what type of work would be important to you (e.g., conserving the environment), and by broad interest areas (e.g., business). Once you click on an occupation that interests you, you will be given a list of Deakin University courses that could lead you to this career. It is a great tool to explore careers in general, <http://explore.deakin.edu.au/>

## Pathways to Deakin University

If you are concerned you might not receive the ATAR required to gain direct access to your desired course at Deakin, you can apply to undertake a related diploma program at Deakin College. Successful completion of the diploma can guarantee you transfer into the second year of the related Bachelor Degree. For more information, go to <http://bit.ly/1IzA9Sq>

## Bullseye posters

You can explore occupations related to your favourite subjects such as English, Mathematics, Food Studies and Art.

- Go to <https://myfuture.edu.au>
- Create an account
- Click on explore career bullseyes
- Click on your favourite subjects
- Click on any occupations that sound interesting

## Upcoming Open Days

### August

<b>Monash University</b> Business Open House, Melbourne (11)	<a href="http://bit.ly/1pmUEzv">http://bit.ly/1pmUEzv</a>
<b>RMIT University</b> City and Brunswick (11)	<a href="https://bit.ly/1nDwlzK">https://bit.ly/1nDwlzK</a>
<b>University of Tasmania</b> Inveresk (10) Cradle Coast (11)	<a href="https://bit.ly/2WEj0cM">https://bit.ly/2WEj0cM</a>
<b>Australian Catholic University</b> Melbourne (11)	<a href="https://bit.ly/2V6iy2h">https://bit.ly/2V6iy2h</a>

<b>Longerenong College</b> Longerenong (11)	<a href="http://www.longy.edu.au">www.longy.edu.au</a>
<b>SAE Qantm</b> Melbourne (11)	<a href="https://bit.ly/32YIt0U">https://bit.ly/32YIt0U</a>
<b>Australian College of Applied Psychology</b> Melbourne (11)	<a href="http://www.acap.edu.au">www.acap.edu.au</a>

### Is your daughter interested in design?

An exciting opportunity exists for 2019 Year 11 and 12 VCE students to submit creative work for Deakin University's Inspired x Design Awards.

Twelve selected VCE design students will have their work exhibited alongside Deakin Design graduate projects at both Melbourne and Geelong campuses in September and October 2019, with awards presented by industry professionals at each of the award celebrations.

Applications close Tuesday 18 September. For information on how to apply, go to <https://bit.ly/310it3o>

### Is she interested in Film, Television and Radio?

**Australian Film Television and Radio School (AFTRS) Open Day.** Located in Sydney, AFTRS is hosting an open day on Saturday 10 August.

"Open Day is your annual access-all-areas pass to Australia's premier screen and broadcast school. Meet your future tutors and collaborators, take a behind-the-scenes tour of our state-of-the-art facilities and watch current students at work, get the lowdown on our 2020 courses and how to ace your application, and find out why we're The Hollywood Reporter's Australian film school of choice".

Not in Sydney? No problem. Tune into the live stream on Facebook on the day - <https://bit.ly/2Qz2KEB> and pre-register to be in the running for a \$500 short course voucher. For more information, go to <https://bit.ly/2y5XY8S>

### Explore your dream to study fashion

**Kangan Institute's Fashion Camp:** If you're aged between 15 and 19 years and considering a career in fashion after secondary school, Kangan Institute's Fashion Camp is your backstage pass to becoming a fashion professional.

Held between 24 – 26 September at the Richmond campus, our expert faculty have an exciting three-day schedule planned for you and your friends, that's jam-packed with all things fashion.

From designing, styling and beauty to merchandising, retailing, marketing and public relations, Fashion Camp will give you an insight into both the creative and business sides of the fashion industry.

There are no study or drawing prerequisites required to participate. For information and to register your place, go to <https://bit.ly/2Oqv9iF>

**Eco Lux Melbourne Fashion Show:** Check out the work of Kangan Fashion students at Melbourne Fashion week at their show Eco Lux on the 2<sup>nd</sup> of September. For information on the event and to secure free tickets (code = VIPGUEST1), go to <https://bit.ly/2Ye872M>

### **Australian Jobs 2019**

Each year the Department of Employment, Skills, Small and Family Business publishes the Australian Jobs Report. The Report provides an overview of trends in the Australian labour market. Students and families can download the report from <https://bit.ly/2ffeKyP>

### **Future of Work Predictor**

Published by My Career Match, <https://bit.ly/2ThNujR>

The University of New England (UNE) is an innovative regional university. They were the first to introduce bespoke degrees, where you choose the subjects you want to study, <https://bit.ly/2Z9neYr>

Until Bespoke, university education was locked up in degrees, with lots of rules that made it hard to respond quickly to a changing workplace.

Now UNE have released 'Future of Work Predictor'. It's FREE to use and based on the latest economic data. Future of Work Predictor tells you:

- Overall how much a job will change
- How tasks in a job will change
- How qualifications compare
- Wages and employment change for jobs
- Report available onscreen & sent to your email

To research occupations you are currently interested in, go to <https://bit.ly/2LO2cuQ>

### **Is your daughter interested in working in theatre, film or television?**

**National Institute of Dramatic Art (NIDA)** applications are now open. NIDA offers undergraduate courses in Acting, Costume Design, Design for Performance, Technical Theatre, Properties and Objects, and Staging. For information, go to [www.nida.edu.au](http://www.nida.edu.au)

## Is she interested in studying law in the future?

Swinburne University Law School has a partnership with the Leo Cussen Centre for Law. Bachelor of Laws (LLB) students at Swinburne will have a direct and integrated pathway to the Leo Cussen Graduate Diploma of Legal Practice in the final year of the Bachelor degree.

Swinburne is the only Victorian law school to offer this option. Students will be able to be admitted to legal practice on the day they graduate, saving months on further graduate study. For information, go to <https://bit.ly/2LLtVvL>

## Career quizzes

**The following career quizzes have been taken from the Careers with STEM website**

**Science:** Are you more da Vinci, or Darwin? Tesla or Newton? Take our quiz and we'll match your personality to one of the most famous scientists in history, <https://bit.ly/2LUfKRR>

**Maths:** Which number are you? We're going to try and figure out what number best represents how you think, what you'd love to do, and whether you might have any hidden talents or interests lurking beneath the surface. Even if you're already convinced maths isn't for you, give it a go! You might just be surprised, <https://bit.ly/2NP3GSz>

**Computer Science** teamed with your personal passion is the ticket to a career you love. Find out your CS (science, tech, maths, or maybe engineering?) and your X (whatever you're passionate about) and find the formula to a great career! <https://bit.ly/2NSyLol>

**Will you work in science or health?** Your future is up to you! Take our quiz to find out where your future lies... there are so many possibilities beyond becoming a scientist or doctor. Will you become a pioneer, a visionary, an adventurer? Take our quiz and find out! <https://bit.ly/2Lt3jjM>

**Which biologist are you?** Find your niche in biology... even if you're nowhere near being a biologist! <https://bit.ly/2K6kKRL>

**Which forensic scientist are you?** There are more career possibilities in forensics than you might think. Take our quiz to see which branch of forensics you're in! <https://bit.ly/2K6lp5H>

**Which coder are you?** Are you a robotics coder, cybersecurity coder or a full-stack developer? Take our free coder personality quiz and unlock the door to your future coding career, <https://bit.ly/2mPErUz>

**Which engineer are you?** This quiz will tell you exactly where your future lies in Engineering. Will you be working with infrastructure, software or health? Take our quiz and find out! <https://bit.ly/2LuOyNn>

**What's your creative career in STEM?** Take our quiz to find out whether you'll work with music, art or design in your STEM career! <https://bit.ly/2LPWDvo>

## Amazing STEM / IT courses

The following courses may suit students who enjoy mathematics, science and IT:

**Bachelor of Artificial Intelligence, Deakin University, Melbourne:** Think driverless cars and smart digital assistants. You'll "design, develop, and evolve software solutions that take advantage of the latest advances in AI, <https://bit.ly/2Gzshcl>

**Bachelor of Science majoring in Computational Biology, University of Melbourne,** "analyze and interpret biological phenomena using mathematical and statistical models, computational tools and the algorithmic design and analysis of such models and tools", <http://bit.ly/2aoAMp5>

**Bachelor of Science majoring in Computational Science, Monash University:** "use computers to construct and apply mathematical models, simulation, numerical methods and data-analysis techniques to solve scientific problems", <http://bit.ly/2vehVuk>

**Bachelor of Computer Science majoring in Data Science, Swinburne University:** "data science spans the use and processing of data across diverse fields, including modeling for supercomputing or astrophysics. Or you could work with metadata, a field that will require data to be processed in ways we've never considered before", <http://bit.ly/2ahhG5m>

**Bachelor of Design (Spatial Systems), University of Melbourne:** "spatial systems is...needed in all walks of life and on many scales, with applications including land tenure systems, environmental modeling, food production, disaster management, health and artificial intelligence", <http://bit.ly/2aDX8Yd>

**Bachelor of Medical Radiation Science (Nuclear Medicine & Molecular Imaging), Charles Sturt University,** "details the administration and imaging of radiopharmaceuticals within the patient to detect physiological abnormalities and deliver appropriate treatment...requires formal training in clinical, instrumentation and computing aspects of SPECT, PET, CT, MRI, ultrasound and newer hybrid systems <http://bit.ly/1K8zvD0>

**Bachelor of Biomedical Engineering, UNSW:** "as a biomedical engineer, you may be involved in the design, construction and development of diagnostic systems, e.g., medical imaging systems and mechanical and computer models of physiological function, e.g., a virtual heart, aortic valve, biochemical pump", <http://bit.ly/2alyE3G>

**Bachelor of Science (Biotechnology), RMIT:** use gene manipulation of plants, animals and micro-organisms to create new biological products for pharmaceutical, agricultural, diagnostic and environmental use...develop diagnostic tools to detect diseases rapidly and conduct human stem cell research with the aim of treating or preventing illnesses, <http://bit.ly/2aBMsbk>

## University applications now open!

You are now able to apply for university and TAFE courses across Australia. For most courses, you apply via state-based Tertiary Admission Centres. Below are the weblinks for each state:

**Victoria:** Victoria Tertiary Admissions Centre

[www.vtac.edu.au](http://www.vtac.edu.au)

**NSW/ACT:** Universities Admissions Centre

[www.uac.edu.au](http://www.uac.edu.au)

**South Australia:** South Australia Tertiary Admissions Centre

[www.satac.edu.au](http://www.satac.edu.au)

**Queensland:** Queensland Tertiary Admissions Centre

[www.qtac.edu.au](http://www.qtac.edu.au)

**Western Australia:** Tertiary Institutions Service Centre

[www.tisc.edu.au](http://www.tisc.edu.au)

**Tasmania:** apply directly to the University of Tasmania

[www.utas.edu.au](http://www.utas.edu.au)

You will need access to a computer or smart phone, your student ID number, and a PayPal account or credit/debit card.

You will be able to apply for special consideration, some access and equity scholarships and some early entry/guaranteed programs via the Tertiary Admission Centres.

## Study Law and Justice at Victoria University (VU)

“As issues like human rights and free speech rise in our social conscience, it’s no surprise law is an increasingly popular vocational choice. Fortunately, job growth for barristers, solicitors and legal clerks is also on the rise. But with so many graduates entering the profession each year, what gives them the edge?

Tamsin Mildenhall, Managing Lawyer of Victoria Legal Aid, says the extensive practical workplace experience offered by VU’s legal courses gives students the experience and confidence employers love. “VU prepares students for the realities of legal practice through their real-world approach and placement opportunities.” Discover law, legal and criminal justice courses at VU” - <https://bit.ly/2GPAZE2>

## Get help with the VTAC application process

Year 12 students: On Wednesday 14 August from 7pm-8pm, VTAC will run a free community webinar hosted by the CEAV. This webinar will cover the complete VTAC application process, including using CourseSearch, the preference system, SEAS, scholarships, and the ATAR and scaling.

Participants will be able to ask questions throughout the webinar. Students and parents can register at this link - <https://bit.ly/2YOQyGa>

## Careers in Medical Radiation Science

**Is your daughter fascinated by the human body?** Does she love science? Would she like to work in a job where you can diagnose and treat human diseases? If so, she may enjoy studying one of the following career areas:

- Radiography/Medical Imaging
- Nuclear Medicine
- Radiation Therapy
- Medical Sonography

The following information has been taken from Charles Sturt University and the University of South Australia:

**Radiography/Medical Imaging:** As a radiographer, you will be concerned with producing high quality medical images of the human body for medical diagnosis through the operation of specialist equipment, such as administering ionising radiation (x-rays), or MRI pulses to the patient.

**Nuclear Medicine:** involves using biological tracers (radiopharmaceuticals) for the diagnosis and treatment of various diseases. The specialisation details the administration and imaging of these radiopharmaceuticals within the patient to detect physiological abnormalities and deliver appropriate treatment.

**Radiation Therapy:** This involves the design and delivery of radiation treatment plans for people diagnosed with cancer and other pathological conditions.

**Medical Sonography:** is the application of medical scanning which uses high frequency ultrasound waves to produce diagnostic images. Sonography assists in the detection of foetal abnormalities, vascular disease and other acute and chronic conditions.

**What subjects should I study at school?** Physics, Mathematical Methods, Biology and Chemistry are recommended. You should check the prerequisites for each university.

### Key Websites for more information:

- Australian Society of Medical Imaging and Radiation Therapy, <https://bit.ly/2OL04Cr>
- A Career in Radiation Oncology, <http://bit.ly/1grfEsw>
- Victorian Society of Nuclear Medicine Technologists, <https://bit.ly/2IFQxcc>

## Careers in Medical Radiation Science

**Where can I study?** The following are examples of courses you can explore:

**Charles Sturt University**, Bachelor of Medical Radiation Science, Wagga Wagga, NSW. You choose which specialisation you want to undertake from Medical Imaging, Nuclear Medicine and Radiation Therapy, <http://bit.ly/1JCx8Vu>

**Deakin University**, Bachelor of Medical Imaging, Geelong. Students will undertake 2500 clinical hours of placement, <http://bit.ly/2bH6CTJ>

**Monash University**, Bachelor of Radiation Sciences, Clayton. Can choose between the following specialisations – radiation sciences or informatics, <http://bit.ly/2vHtaMx>

**Monash University**, Bachelor of Radiography and Medical Imaging (Honours), Clayton. This 4-year course focuses on radiography and medical imaging, and students develop the skills to be registered radiographers, <http://bit.ly/1NmAMGA>

**RMIT**, Bachelor of Applied Science (Medical Radiations), Bundoora. You can enrol in one of the following three streams- medical imaging, nuclear medicine, or radiation therapy, <http://bit.ly/1GuuORt>

**CQUniversity**, Bachelor of Medical Sonography/ Graduate Diploma of Medical Sonography, Melbourne. This is the only undergraduate/graduate Medical Sonography course in Australia, <http://bit.ly/1FvexX0>

### Key event

**Medical Radiations Career Open Day**, Peter MacCallum Cancer Centre, Sunday 25 August. You will be able to tour the departments, speak to staff, and speak directly to course advisers from universities. Limited places. For information and to register, go to <https://bit.ly/2YUemlY>

### Fashion short courses

The Masters Institute of Creative Direction is a private college located at Melbourne. The institute offers courses in fashion design, fashion business, hairdressing, barbering, beauty therapy, and makeup. The following short courses are being run during August and September:

- Creative writing for fashion publication
- Introduction to fashion design
- Introduction to modelling
- Melbourne Fashion Week – series of short courses such as 3D Drape for Design and Concept to Creation.

For information on dates, costs and locations, go to <https://bit.ly/2M0vEy1>

## Cool new courses at La Trobe University

The following are examples of three new courses La Trobe is offering in 2020:

**Bachelor of Arts (BA):** “Our Bachelor of Arts has undergone a major refresh to allow students the flexibility to design their degree. Available from 2020, the modernised BA satisfies the desire to keep career options open while completing a vocational degree. Students can choose from over 50 majors and become an interdisciplinary expert when they combine study areas such as Sociology and Public Health”, <https://bit.ly/2IZddnV>

**Bachelor of Humanities, Innovation and Technology:** “What will the future look like? Will technology change what it means to be human? We’ve brought together arts, science, business and law into one cutting-edge degree where you’ll explore the consequences of disruptive technology on human society, and what we can do about it”, <https://bit.ly/2TaEbyR>

**Bachelor of Language and Linguistics:** this new course “teaches effective communication across a diverse range of groups. Students will become fluent in one or more of eight languages offered with study abroad options available to support their education”, <https://bit.ly/2yI28UQ>

## Missed the Swinburne University Open Day?

You can still get advice about your course options and VTAC preferences through the following ways:

Year 12 students can book a one-to-one interview with a course adviser from Swinburne during August at this link - <https://bit.ly/31nGYaZ>

Year 12 students can also attend one or more of the following advice nights during September

- 17: Wantirna campus
- 18: Hawthorn campus
- 18: Aviation Advice Night

For information and to register your place, go to <https://bit.ly/2Kt0nAl>

Check out Swinburne’s handy VTAC preferences FAQs - <https://bit.ly/31jP5Fs>

## Planning to study overseas?

If you’re in year 9 – 12 and would like information about the application process for applying to US and UK universities, you will need to start preparing early.

## CRIMSON EDUCATION

Crimson Education offer resources, information sessions and international study tours to students.

**Information sessions:** the next info session is running at Hawthorn Arts Centre on 30 August. You will learn about preparing your application for Ivy League universities, key dates, registration deadlines, etc., <https://bit.ly/33f3GDx>

**International Study Tours:** bookmark this page and check regularly for incredible overseas study tour opportunities, <https://bit.ly/2YxTwje>

## **EDUCATIONUSA**

EducationUSA Australia are running several information sessions for students who are planning to apply for US colleges.

There are sessions for assistance with application writing, general application sessions, and information for student athletes.

For information on session dates and locations and to RSVP your place, go to <https://bit.ly/2GKy9QH> or <https://bit.ly/2YLysRa>

## **Careers with Engineering magazine just released!**

“Engineering is more than you think. Our new mag smashes stereotypes and busts myths about what engineers do and what they look like. Meet engineers solving problems in everything from sustainability to health, defence and robotics. Get inspired about the careers of the future with 26 interviews with outstanding engineers and gain practical tips and advice. Download the magazine from <https://bit.ly/2M0uC57>

## **The Pathways Team**