

From the Head of Careers



In my regular discussions with students, particularly senior students, some of the main questions they have about making choices for their future, revolve around concerns such as:

- Where is the best place to start?
- How do I know what I should do?
- What if I don't get it right?

These questions aren't specific to careers, they are relevant to all decisions we make in life! And this is what career planning is all about now – lifelong skills to help us make choices at any given time and deal with any 'curve balls' that may be thrown at us, requiring adaptability and openness to new directions.

What we need to consider in supporting our young people initially, is how to have the conversations with family and friends about their career stories. They will all be different and they will all be unique to the personalities and skill development of each individual. There are no right or wrong decisions in career pathways, perhaps just different and sometimes creative decisions!

As Open Days and Careers Expos begin in the coming months, students and families have the opportunity to open some conversations and question just where any given course, apprenticeship or job may take the students in the FIRST step of their career journey and it is only the first step. Nothing is set in concrete, no one can predict the future details of their working life.

Our students are no longer locked into just one career, there are opportunities and scope to develop skills that are transferable into many differing careers and jobs – even if it may not be initially apparent.

It's never too soon to start the questioning!

Mrs Deb Cumming
Head of Careers



SCIENCE RESOURCES

Careers with STEM magazines: Science, Technology, Engineering and Maths (STEM) will underpin 75 per cent of the fastest growing jobs in the future. Refraction media has developed the following magazines that students can order or download online: Careers with Science, Careers with Science and Health, Careers with Engineering, Careers with Maths, and Careers with Code. You can access the magazines at this link, <http://bit.ly/2IL1DCI>



Science, Taking You Places: This is a fantastic booklet developed by the Primary Industry Centre for Science Education. Students can explore careers in primary industries such as agriculture, food security, agronomy etc, <http://bit.ly/1S6hsh0>

Science news: Be inspired by the latest stories featured on RiAUS – Australia’s Science Channel. Some of the topics covered this week include:

- Discovery of new exoplanets and a new solar system;
- How the shape of your nose relates to the environment your ancestors lived in;
- Using sperm to deliver cancer drugs into gynecological cancer cells;
- Types and prevalences of diseases impacting our elderly.

Access the stories at this link, <http://bit.ly/2puYQPb>

Australian Science TV: For more amazing science news and stories, access Australian Science TV at this link, <http://bit.ly/2pL2u6x>

FOCUS ON VOLUNTEERING OVERSEAS

Thinking of taking a year off after finishing school to volunteer overseas? There are hundreds of gap year companies and programs. To make sure you choose the right company:

- Compare costs between the companies, some will offer similar services and opportunities for lower costs;
- Ensure you and your parents/guardians will have access to twenty-four hour telephone support during your placement;
- Ask if you can email people who have participated in the programs so you can gain an independent opinion;
- Ask the company if they will run an information session at your school or where you live;
- Make a list of what the expenses cover (for example: meals, accommodation, flights, VISA).

The following are examples of companies you can explore:

Cultural Care Au Pair: You can work as a live in Au Pair in America. You must be at least eighteen years old, www.culturalcare.com.au

Lattitude Global Volunteering: You can undertake activities such as community service, medical assisting, outdoor education or teaching in countries such as Africa, Mexico, Spain, Poland, Japan, England etc. Placements range from three to eleven months, www.lattitude.org.au/

LATTITUDE
GLOBAL VOLUNTEERING



FOCUS ON VOLUNTEERING OVERSEAS

Camp Counsellors USA: You have three options: 1) Camp counsellor leading children in various sports and outdoor adventures in America, Russia, Canada or Croatia over the summer break; 2) Working up to twelve months in the USA, Canada or the UK in a seasonal resort, English pub or a variety of other hospitality positions; 3) Volunteering in one of over fifty projects in Africa, Latin America or Asia, www.ccusa.com.au/

Antipodeans Abroad: You will work with other young people on a sustainable volunteer project in a developing country/area such as Kenya, Nepal, Tanzania, Vietnam, Thailand etc. You can work in volunteer projects such as building/construction, conservation, care work, community work and teaching, www.antipodeans.com.au/



World Youth International: This is similar to Antipodeans in that you work on sustainable programs. You can undertake placements in the following areas: Kenya, Uganda, Nepal, Cambodia, India and Peru. You can undertake projects in building/construction, care work, community work, health and sanitation, and teaching, www.worldyouth.org.au

Projects Abroad: You can work in one of twenty-six developing countries undertaking short and longer term projects such as care work, teaching, conservation/environment, sports, culture/community, archaeology, building and performing arts, www.projects-abroad.com.au/

International Exchange Programs: You can undertake working holidays in the USA, Canada, Ireland, Britain and volunteer in Cambodia, USA, Peru, and South Africa. Working holiday placements include working in the hospitality industry, summer camps and skiing, www.iep.org.au/

Letz Live: You will stay in a boarding school and work as a gap year assistant in countries such as China, Canada, France, India, New Zealand, Singapore, Thailand, UK etc. Placements range from three to twelve months, www.letzlive.org/australia

FOCUS ON VOLUNTEERING OVERSEAS

Work Experience: If you can raise the funds required, you may be able to participate in work experience overseas. The following are two examples of companies that offer these types of placements:

- **Projects Abroad:** Students between sixteen and nineteen years of age can undertake a two week work experience placement during the mid year holidays in the following project areas: archaeology, building/construction, care work, conservation and environment, culture and community, law and human rights, medicine and healthcare, and sport, <http://tinyurl.com/m3kd8nI>
- **Gap Medics:** This program is for students in Years 11 and 12 who are interested in studying medicine, nursing, dentistry and/or midwifery in the future. Placements are offered in Thailand and Tanzania during school holiday periods. You will have the opportunity to shadow highly skilled professionals in a clinic during your placement, <http://bit.ly/2oH48Ze>

VOCATIONAL AND HIGHER EDUCATION NEWS

Explore Deakin courses and win: Deakin University has developed a course and career search tool called *Deakin Explore*. You can search for courses and careers using a variety of search terms and the online tool matches courses to careers and vice versa. Students who create an account and use the software will go into the draw to win a \$100 VISA gift card. For more information and to begin searching, go to <http://bit.ly/2oHpOEL>

Undergraduate Medicine at UNSW: Applications for the 2018 Undergraduate Medicine Program will open on Wednesday 3 May. Students will need to do the following:

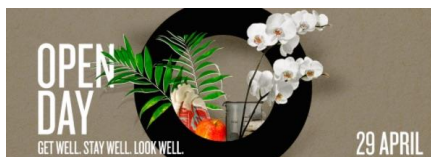
- Apply directly to UNSW for the course between 3 May and 30 September, <http://bit.ly/2oGVZnQ>
- Apply for the course via the Universities Admissions Centre (UAC) between 2 August and 29 September, www.uac.edu.au
- Register for the Undergraduate Medical Admissions Test (UMAT) by 2 June and sit the test on 26 July, <http://bit.ly/1n91eBA>

To watch the Year 12 UNSW Medicine Information Evening video, go to <http://bit.ly/2ooeEkU>

UPCOMING EVENTS

Meet Melbourne University: Staff from the university will be hosting information sessions for prospective students and their families at Albury, Shepparton, Warrnambool, Hamilton, Sale and Warragul during April and May. For information regarding dates and venues, go to <http://bit.ly/2pKUXET>

Learn about courses and careers in natural therapies: Southern School of Natural Therapies is running an Open Day at their Melbourne campus on Saturday 29 April. The College offers courses in Chinese Medicine, Western Herbal Medicine, Naturopathy, Nutritional Medicine, Clinical Myotherapy, Massage and Health Science. For more information and to register, go to www.ssnt.edu.au/



ACN Nursing and Health Expo: The Australian College of Nursing is running a Nursing and Health Careers Expo on Saturday 29 April at the Melbourne Convention and Exhibition Centre. You will be able to talk to exhibitors from leading universities and TAFEs, hospitals, public and private health care and nursing specialty groups. For more information, go to <http://bit.ly/2nXwWvh>

Melbourne Knowledge Week 2017: This exciting week runs from 1 to 7 May and has more than sixty horizon expanding events where you can explore the innovation, creativity and technology shaping our future. This week will suit students interested in science and technology courses and careers, <http://bit.ly/2ptiVbm>

VCE and Careers Expo: This is a fantastic annual event, which enables senior school students and their parents to be able to participate in a diverse range of seminars related to VCE subjects, gap year opportunities, vocational and higher education courses, career pathways and VCE study skills. 171 exhibitors will be in attendance and 156 seminars will be offered. Cost is \$10 per student. The event is being held at Caulfield Racecourse between Thursday 4 to Sunday 7 May. To find out more and to order tickets, go to www.vceandcareers.com.au

UPCOMING EVENTS

APRIL

- **29: Open Day**, Southern School of Natural Therapies, Melbourne, www.ssnt.edu.au/
- **29: Expo**, Australian College of Nursing and Health Expo, Melbourne, <http://bit.ly/2nXwWvh>

MAY

- **1 – 7: Melbourne Knowledge Week**, <http://bit.ly/2ptiVbm>
- **2: Information Evening**, SAE Qantm, Melbourne, <http://bit.ly/2nXjPN7>
- **3 – 25: Inside Monash Seminars:** Teaching (3), Music (4), IT (5), Teaching (10), Medicine and Biomedicine (11), Engineering (12), Science Advanced – Research and Global Challenges (17), Law (18), Health Sciences (19), Biomedicine Sciences, Radiography, and Nutrition and Dietetics (25), <http://bit.ly/1Scshkl>
- **4 – 7: VCE and Careers Expo**, Caulfield, www.vceandcareers.com.au/
- **5: Open Day**, University of New England, Armidale, <http://bit.ly/2oGZMRS>
- **9 – 16: Meet Melbourne University**, Sale (15), Warragul (16), <http://bit.ly/2pKUXET>
- **13: Open Day**, JMC Academy, Melbourne, <http://bit.ly/2pvHAJk>
- **13: Open Day**, Collarts, Melbourne, <http://bit.ly/2pM730A>
- **16, 17, 23: Monash Information Evening**, Bendigo (16), Shepparton (17), Warragul (23) <http://bit.ly/2pt8nsT>
- **20: Open Day**, Academy of Interactive Entertainment, <http://bit.ly/1hsNG8q>

FOCUS ON PHYSICS CAREERS

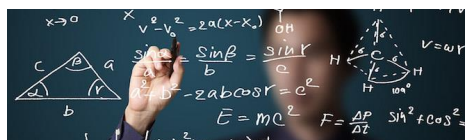
Love physics? There are many amazing occupations suited to students who love physics. The following are three examples:

- Radiation Oncology Medical Physicists:** Are highly specialised professionals “who create, implement and monitor the procedures which allow the best treatment using radiation, taking into account the protection and safety of patients and others involved in the treatment process. In their role, they are consulted by radiation oncologists and radiation therapists to provide advice as to the best use of medical radiation for treatment”. For information, go to <http://tinyurl.com/l32v8hs>
- Geophysicists:** Study the structure and composition of zones below the surface of the earth by taking measurements using seismic, gravity, magnetic and electrical data collection methods. Geophysicists can spend their time outdoors using advanced technologies to study features of the earth, and spend time indoors using computer technology to develop and analyse mapping, calculations and modelling. Many Geophysicists find work in the mining and petroleum industries. For more information, go to <http://bit.ly/2p7svOE>
- Physicists:** Physicists study the behaviour of the physical world at the most basic level and find practical ways to apply new knowledge gained from their research in areas of science and technology. Physicists are usually identified within three broad roles: theoretical physicists, who develop theories or models of how particular aspects of the world work; experimental physicists, who test these theories, determining their limits and suggesting new approaches to them; and applied physicists, who apply these findings in practical settings, such as within industry and through the introduction of new technology. For more information, go to <http://bit.ly/2oCsEYb>

FOCUS ON PHYSICS CAREERS

Key websites

- Myfuture:** Create an account > click on Career Bullseyes > click on Physics > click on the occupations that sound interesting to you to learn about them, www.myfuture.edu.au/
- Careers with STEM:** Research the Science, Technology, Engineering and Maths careers that will be in demand in the future, <https://careerswithstem.com/>
- Australian Institute of Physics:** Learn about the different physics groups in Australia, including groups for Atomic and Molecular Physics, Nuclear and Particle Physics, and Solar Terrestrial and Space Physics, <http://bit.ly/2pr5NDO>
- Good Universities Guide:** search for Australian TAFE and university courses, <http://bit.ly/2klbTQa>



VOCATIONAL AND HIGHER EDUCATION NEWS

Science news: Be inspired by the latest stories featured on RiAUS – Australia’s Science Channel. Some of the topics covered this week include:

- Five Australian inventors whose innovative designs revolutionised the first World War;
- Gluten free diets;
- Superbugs in space.

Access the stories at this link, <http://bit.ly/2pr7oK6>



VOCATIONAL AND HIGHER EDUCATION NEWS

TAFE to university at La Trobe University: Students interested in studying nursing, early childhood education or social work at La Trobe University, can undertake a TAFE pathway at one of their partner institutes. Students who receive an offer for the eligible TAFE course will also receive an offer to the La Trobe University Bachelor degree. The TAFE and university courses are listed below:

- Diploma of Nursing > Bachelor of Nursing (Pre Registration);
- Diploma of Early Childhood Education and Care > Bachelor of Early Learning;
- Diploma of Community Services > Bachelor of Human Services/Master of Social Work.

To check if a TAFE near you is part of this dual enrolment scheme, go to <http://bit.ly/2fC0OeZ>

Industry experience at Federation University: Castlemaine Goldfields and FedUni joined forces to provide a work placement program for students studying Geology, Mining Engineering and Mineral Processing. Seven students were provided with access to geology, engineering and metallurgy professionals working within the mining industry at the Ballarat Gold Mine. The program was designed to assist the students in gaining valuable workplace experience, specific career observation and development in their chosen field of study.

For information about these courses, go to:

- Bachelor of Engineering (Mining) (Honours), <http://bit.ly/2p7P85z>
- Bachelor of Geoscience, <http://bit.ly/2oAnhty>
- Mineral Processing, <http://bit.ly/2q57tPR>



Interested in robotics? Ricardo Cannizzaro completed the Bachelor of Engineering (Robotics and Mechatronics) at Swinburne University. In 2015, he undertook work experience as part of his degree at the Defence Science and Technology Group. He then gained employment with the company as a Robotics Specialist. For information about the work experience Ricardo undertook and the university course, go to <http://bit.ly/2pbr5EO>

VOCATIONAL AND HIGHER EDUCATION NEWS

Support for elite athletes and performers at university: Several universities offer support programs for students who are elite athletes, coaches of athletes and performers (ie acting, music, film). Support may include financial, academic and flexible study arrangements. The following are examples of three universities who offer the program:

- Federation University, <http://bit.ly/2o7EBIK>
- Australian Catholic University, <http://bit.ly/2o12kKd>
- University of Melbourne, <http://bit.ly/2bXqxMh>

Victorian Indigenous Engineering winter school: Indigenous Australian students in Years 11 and 12 are invited to apply for this fantastic program. Between 1 and 7 July, students will explore Engineering at four Melbourne based universities, meet Indigenous Engineering professionals and participate in engineering site visits. For information and to apply by Friday 2 June, go to <http://bit.ly/1r9c5oK>

Work Integrated Learning (WIL) at Australian Catholic University (ACU): If you are considering studying a course at ACU that has a WIL component, you can learn about the program at the following link, <http://bit.ly/2ojV0eK>

Interested in music? Collarts is a private college in Melbourne offering the following vocational and university level music courses:

- Audio Production
- Entertainment Management
- Music Performance
- Music Production
- Entertainment Journalism
- Content Creation

Students engage in industry experience, are taught by leaders in their field and can apply to undertake exchange programs in the USA and Germany. For information, go to <https://collarts.edu.au/>



ENTERTAINMENT
MANAGEMENT



ENTERTAINMENT
JOURNALISM



MUSIC
PRODUCTION

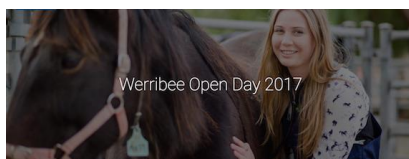
UPCOMING EVENTS

Interested in agriculture or veterinary science? The Faculty of Veterinary and Agricultural Sciences at the University of Melbourne is hosting the Werribee Open Day on Saturday 29 April, 10:00 am to 3:00 pm, 250 Princes Hwy, Werribee, Victoria.

You will be able to:

- Explore the popular Bachelor of Agriculture, Doctor of Veterinary Medicine and Diploma of General Studies programs;
- Explore careers in science, veterinary nursing and equine studies;
- Tour the world class Veterinary Teaching Hospital.

For more information and to reserve your place, go to <http://bit.ly/2oWqpSY>



Explore creative careers: SAE Qantm is a private college that has campuses all around the world, including Melbourne. They offer vocational and higher education courses in:

- Animation;
- Film;
- Sound Production and Audio Engineering;
- Games Development;
- Graphic, Web and Mobile Design;
- Interactive Technologies;
- Photography.

An information evening will be held on Tuesday 2 May. People who register for the event and attend will be eligible to win a Sonos PLAY:1 Wireless HiFi Music System, <http://bit.ly/2osBoVf>

Inside Monash Seminars: Monash University are running a series of after school information sessions about course areas in May (eg teaching). Prospective students are encouraged to attend. You will be able to learn about courses, prerequisites, graduate outcomes and you will be able to speak to lecturers and current students. For a list of course areas, dates, and venues, go to <http://bit.ly/1Scshkl>

UPCOMING EVENTS

APRIL

- **26, 27: Meet Melbourne University**, Albury (26) and Shepparton (27), <http://bit.ly/2pKUXET>
- **29: Open Day**, Southern School of Natural Therapies, Melbourne, www.ssnt.edu.au/
- **29: Expo**, Australian College of Nursing and Health Expo, Melbourne, <http://bit.ly/2nXwWhv>
- **29: Werribee Open Day**, University of Melbourne, Agriculture and Veterinary Science courses, <http://bit.ly/2oWqpSY>

MAY

- **1 – 7: Melbourne Knowledge Week**, <http://bit.ly/2ptiVbm>
- **2: Information Evening**, SAE Qantm, Melbourne, <http://bit.ly/2nXjPN7>
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