

# Weekly Career News

Term 3

Tuesday 8 August 2017

## PLAN FOR OPEN DAYS

Each year universities, TAFE Institutes and private colleges open their doors to the public to showcase what they can offer to future students. To ensure you make the right decisions about what you would like to study after school, it is essential you attend as many open days as possible.

### Step 1

Make a list of the institutions you would like to visit. Use the course search function on VTAC – [www.vtac.edu.au](http://www.vtac.edu.au) to explore Victorian courses and on UAC – [www.uac.edu.au](http://www.uac.edu.au) to explore NSW and ACT courses.

### Step 2

Explore the Open Day websites for the institutions you would like to visit. Sign up to receive email updates or join Open Day Facebook/Instagram pages. View videos of last year's events if they are available.

### Step 3

Download the Open Day program from the institute website and campus maps. Highlight which seminars and demonstrations you would like to attend. Alternatively, use the online planner.

### Step 4

Make a list of questions you would like to ask on the day. Take along a note pad and pen and attend as many seminars as possible. You may be able to visit two institutions if their Open Days fall on the same date.

### Step 5

Follow up with your Career Adviser about what you have learnt at Open Days and update your Career Action Plan.

## OPEN DAY DATES

Please find below dates for upcoming open days.

### Saturday 12 August

- La Trobe University, Albury-Wodonga, <http://bit.ly/1BGrG35>
- UTAS, Launceston, <http://bit.ly/1tGD3B8>

### Sunday 13 August

- Monash University, Business Open House, <http://bit.ly/2aVcXJc>
- Australian Catholic University, Melbourne, <http://bit.ly/2qLXb7d>
- RMIT, <http://bit.ly/1nDwlzK>
- Australian College of Applied Psychology, Melbourne, <http://bit.ly/2u0dsvw>
- Navitas College of Public Safety, Melbourne, <http://bit.ly/2aFBvF0>
- JMC Academy, <http://bit.ly/2pvHAJk>
- William Angliss, Melbourne, <http://bit.ly/2wiZ6UP>
- Academy of Interactive Entertainment, Melbourne, <http://bit.ly/1hsNG8q>
- Photography Studies College, Melbourne, <http://bit.ly/2vHuShb>

### Wednesday 16 August

- La Trobe University, Mildura, <http://bit.ly/1BGrG35>

### Sunday 20 August

- Deakin University, Geelong campuses, <http://bit.ly/1N0i0kr>
- The University of Melbourne, <http://bit.ly/1LUTq3O>
- Monash University, Parkville, <http://bit.ly/2aVcXJc>
- Victoria University, <http://bit.ly/2uwcMd3>
- Melbourne Polytechnic, <http://bit.ly/2venKFR>
- Box Hill Institute, Lilydale, <http://bit.ly/2vHo2s4>

## CAREERS IN MEDICAL RADIATION SCIENCE

**Are you fascinated by the human body?** Do you love science? Would you like to work in a job where you can diagnose and treat human diseases? If so, you 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:

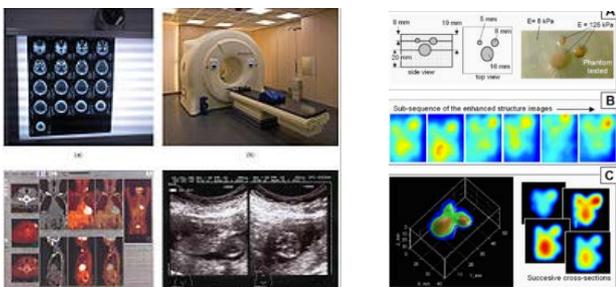
**Radiography/Medical Imaging:** As a radiographer, you will be concerned with producing high quality medical images of the human body for medical diagnosis through the operation of specialist equipment, such as administering ionising radiation (x-rays), or MRI pulses to the patient.

**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.



## 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

- After the completion of first year, you can 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.

- This is a new course and has not been accredited yet. Students will undertake 2500 clinical hours of placement, <http://bit.ly/2bH6CTJ>

**Monash University,** Bachelor of Radiation Sciences, Clayton

- Students complete the 3-year Bachelor Radiation Sciences, <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 graduates 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>

## CAREERS IN MEDICAL RADIATION SCIENCE

### Meet Hayley Maggs,

Peter McCallum Cancer Centre

Bachelor of Science/Master of Medical Radiations (Radiation Therapy), Monash University

Radiation therapy is a highly technical field using cutting edge technology to provide the best care possible to cancer patients. We use high energy X-rays to treat all different types of cancer in both the radical and palliative setting.

There are two areas of radiation therapy, which you get to rotate through. Firstly there is planning. This is where we determine how to deliver the radiation to the area we want while sparing all the surrounding healthy tissue and organs. We do this by positioning the patient in a special way depending on what we are going to treat and take a CT scan.

Then using computer programmes we determine the different angles the radiation is going to enter the patient's body so that we treat the entire target area. Planning is very technical and new techniques are constantly being developed. It's a very exciting area!

The second part of radiation therapy is treatment. This is where we use huge machines called linear accelerators to deliver the radiation. Patients may be on treatment once or for a number of weeks depending on what we are treating.

This means that you develop real relationships with a wide variety of patients and you really feel like you are making a huge impact on their life. I love treatment for this reason (and it's also not unusual to receive chocolates and cakes from the patients on a daily basis!).

Radiation therapy is an extremely rewarding career and I'm learning new things every day. You can travel all over the world working as a RT from England to the Middle East.

To anyone who was thinking about pursuing a career in radiation therapy I encourage you to contact a radiation therapy centre, they are always more than happy to show people around their department and you really get to see the amazing work that we do.

Bachelor of Radiation Science, Monash University, <http://bit.ly/2vHtaMx>

## CAREERS IN MEDICAL RADIATION SCIENCE

### Meet Joseph Alvarez

Bachelor of Medical Radiation Science, University of South Australia

Master of Medical Imaging Science, University of Sydney

What was your course like? Pretty challenging and tough if you're working part-time during university. It was a four-year course, with the last two years basically working full-time at hospitals and clinics around the state. That said, you do plenty of practical work and it's really enjoyable if you'd like to work with patients and other health professionals.

What did you enjoy about your course? I enjoyed the contact hours at the hospitals and feeling like you were already working in the field. The pathology and anatomy subjects with the cadavers were also interesting.

What are you doing now in your graduate position? I am currently working as an MRI Technologist/Radiographer in Adelaide/Whyalla.

What do you enjoy about your job? I enjoy:

- Working at a variety of hospitals and clinics
- Plenty of interactions with patients and doctors give you a really good feeling when you help to diagnose a client's condition/injury.
- Plenty of travelling between regional and city hospitals.
- The on-call rates and travel allowances are very good, so if you're willing to work you can earn quite a bit of cash straight out of university.

The main thing I enjoy though is teaching university students, as you get quite a few during work.

Bachelor of Medical Radiation Science (Medical Imaging), University of South Australia, <http://bit.ly/2wA9bvB>

### Key Websites for more information:

- Australian Society of Medical Imaging and Radiation Therapy, <http://bit.ly/2g9h5Z0>
- A Career in Radiation Oncology, <http://bit.ly/1grfEsw>

## VOCATIONAL & HIGHER EDUCATION NEWS

**Huge demand for bilingual law graduates:** Top tier employers such as Westpac, and PricewaterhouseCoopers, are increasingly calling for Asia literate graduates to meet the growing demand for global talent in the Asian century. Bilingual law graduates are in short supply and as a result, are far more employable. Reports from online Australian publication 'Lawyers Weekly' suggest that, if law graduates want to gain a competitive edge over their peers, the best way to get ahead is by combining their law degree with an Asian Language. The following two courses are examples of how you can combine an Asian language with a Law degree.

- **Australia National University:** Bachelor of Asian Studies/Bachelor of Laws (Honours), <http://bit.ly/1Lhe3G0>
- **La Trobe University:** Bachelor of Arts (majoring in a language such as Chinese or Japanese)/ Bachelor of Laws, <http://bit.ly/22jxauG>

**Interested in studying music?** Collarts is a private College located in Melbourne. The Institute offers the following music courses:

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

From 2018, Collarts will be offering the following double degrees –

- Bachelor of Entertainment Management/Bachelor of Music Performance
- Bachelor of Entertainment Management/Bachelor of Audio Production

These are the only degree combinations of their kind in Victoria. For information, go to <https://collarts.edu.au/>

**Passionate about ICT but not sure what careers would suit you?** Careers Foundation has developed an interactive 'ICT Career Wheel'. The wheel is broken up into four main career areas and contains videos, key links and career information. To access the Wheel, go to <http://bit.ly/2flU5a3>

## VOCATIONAL & HIGHER EDUCATION NEWS

**Applying for Law at UNSW?** Current Year 12 students are required to sit the Law Admissions Test to be eligible for entry into Law degrees at UNSW. Registrations for the test close on Friday 11 August. For information and to register, go to <http://bit.ly/2hB7qfc>

**What careers can engineering lead to?** Refraction Media has developed three posters showcasing careers that a degree in engineering can lead to. You can download the posters at this link - <http://bit.ly/2vFadcP>

## UPCOMING EVENTS

### AUGUST

**11, 25, 31: Experience Days, Kangan Institute:** varied workshops, Broadmeadows (11), health focus, Moonee Ponds (25), creative focus, Richmond (31), <http://bit.ly/2ttNFrp>

**11: Health Information Sessions,** Deakin University, Nursing & Midwifery, Psychology, and Health Sciences, Warrnambool, <http://bit.ly/2qHNIHe>

**13, 31: Inside Monash Seminars,** Monash University, Music (15), Education (31), and Science & Careers (31), <http://bit.ly/2ki2NYw>

**12 – 20: National Science Week,** [www.scienceweek.net.au](http://www.scienceweek.net.au)

**23: Pathways Information Evening,** Monash University, Caulfield, <http://bit.ly/2uUkn73>

**28 August – 3 September: National Skills Week,** <http://bit.ly/1twdlAx>

**30, 31: Pharmacy online information session,** Monash University, <http://bit.ly/2vebuYr>

### SEPTEMBER

**5: Inside Monash,** Education, Monash University, <http://bit.ly/2ki2NYw>

**16: Careers and Creativity Day,** Monash Art, Design and Architecture Faculty, Monash University, Caulfield campus, <http://bit.ly/2w1ITnR>