ISSUE 3 APRIL 2014



Melbourne | Geelong | Warrnambool | Cloud (online)

#### UPCOMING EVENTS

MEDICINE INFORMATION EVENING Geelong Waurn Ponds Campus Tuesday 20 May, 6.00–7.30 pm

PARENT AND STUDENT TERTIARY INFORMATION NIGHT Melbourne Burwood Campus Wednesday 21 May, 6–8 pm

CAREERS PRACTITIONERS' EVENTS Warrnambool Campus Friday 23 May

POSTGRADUATE AND UNDERGRADUATE INFORMATION EVENING Melbourne Burwood Campus Tuesday 27 May, 5.00–7.30 pm

PARENT AND STUDENT TERTIARY INFORMATION NIGHT Geelong Waterfront Campus Wednesday 28 May, 6–8 pm

EASTERN TERTIARY INFORMATION SESSION Melbourne Burwood Campus Wednesday 25 – Friday 27 June

### CAREERS PRACTITIONERS' EVENTS

Thank you to everyone who attended the Careers Practitioners' Event at the Geelong Waurn Ponds Campus.

If you were unable to make it to the Geelong event, the next Careers Practitioners' Event is at the Warrnambool Campus on Friday 23 May. Please register and confirm your attendance for our final Careers Practitioners' Event of the year.

You will have the opportunity to tour and experience the Warrnambool Campus, find out about course information through an interactive lecture and take advantage of a complimentary stay in our student accommodation at the campus.

Warrnambool Campus Friday 23 May, 8.30–11.40 am

Complimentary accommodation is available on Thursday 22 May, for those that wish to experience the student accommodation at the Warrnambool Campus.

### PARENT AND STUDENT TERTIARY INFORMATION NIGHT

Deakin University is offering parents and students an information night where you can start to plan your VCE, university and career.

You will also have the opportunity to:

- find out about Deakin's range of courses
- learn about the VTAC application process
- find out about courses, prerequisites and extra requirements
- listen to a presentation on costs, scholarships and key dates to further study, life on campus and student support services
- discover pathways to University.



Deakin is proud to be hosting the 2014 Eastern Tertiary Information Session event at our Melbourne Burwood Campus from Wednesday 25 June until Friday 27 June.

If you have not received an invitation and would like to attend, please contact luke.ridgwell@deakin.edu.au or phone 9246 8076.

We look forward to hosting your school at our campus during this period.

## deakin.edu.au

# 3MT (THE THREE MINUTE THESIS) COMPETITION

#### The 3MT competition is an exercise in developing academic and research communication skills.

Research degree students have three minutes to present a compelling oration on their thesis topic and its significance in language appropriate to an intelligent but non-specialist audience.

For students interested in research opportunities at Deakin, this is a fantastic introduction on what this means. Condensing the description of a research project into three minutes gives clarity and focus to a thesis plan and creates an easy to understand topic, which is also voted on by the audience for the 'People's Choice Award'.

Tuesday 12 August, 3–5 pm Lecture Theatre 2 Melbourne Burwood Campus

For more detailed information, please visit deakin.edu.au/students/research-degrees-doctoral-and-masters/three-minute-thesis-competition.

### ACN NURSING AND HEALTH EXPO 2014



If you're interested in a career in nursing, make your way to the Australian College of Nursing's Nursing and Health Expo in Melbourne.

The expo is a great opportunity to meet a range of nursing organisations, visit free educational seminars and explore your career pathways.

Visit the Deakin stand to find out about Deakin's nursing courses and meet staff from our School of Nursing and Midwifery.

The ACN Nursing and Health Expo: Saturday 12 April, 9 am–1 pm Melbourne Convention and Exhibition Centre More information: www.acn.edu.au/expos

### **BAUM, DEAKIN ENGINEERING AND THE PURSUIT OF BESPOKE PERFECTION**

Deakin University's School of Engineering is changing the way in which universities interact with small and medium enterprises (SMEs) in the Geelong and Surf Coast area by actively deploying technological solutions to assist in the advanced design and manufacturing space.



One recent example of this approach is the school's work with Baum Cycles, which produces some of the most desirable cycling products in the world. Baum Cycles, led by owner and chief designer Darren Baum, use a range of exotic and advanced materials such as titanium alloy and stainless steel to produce road, touring and mountain bikes which are highly desirable and sought after right across the world. Moreover, this approach is truly customised manufacture, since each bike is tuned, specified and painted to the customer's individual requirements – however demanding and perhaps unusual that may be.

In pursuit of attempting to capture the height of this niche market, Baum sources the best possible materials from around the world and deploys them with precision and creativity. In taking things to the next level, the research and development capabilities at Deakin University in Geelong have been called upon to bring an added technological dimension to the manufacturing process by applying the integrated product development cycle -'Design, Analyse, Realise'. This approach has been specially developed to assist in aiding the SME sector in Victoria. By using this approach, Baum have been able to modify the limits of its titanium frame manufacturing by re-heat treating the raw tube to increase the ductility,

thus allowing a greater and tighter bend and creation of cleaner, more aesthetically pleasing lines, whilst maintaining the intrinsic strength and stiffness of the structure.

Again using the 'Design, Analyse, Realise' approach, Deakin has also produced a customised titanium bottle cage mount for Baum using its recently commissioned SLM 3D printer. The design includes a rare earth magnet that holds the bottle whilst on the bike frame and had to be incorporated during the sintering of the titanium powder during manufacture. The end result is a highly sophisticated and elegant product which almost morphs into the frame, but which also required some significant technology to provide the ideal final solution.

Dr Paul Collins from Deakin University who has been working alongside Baum says, 'Whilst not new, our simple approach of Design, Analyse, Realise, provides a platform for us as a university to engage with SMEs. This process provides them with an advanced understanding of the steps we undertake to assist them with their product development cycle. In our experience, this upfront approach quickly builds confidence and provides a solution much faster than would otherwise have been the case'.

#### PUBLIC HEALTH AND HEALTH PROMOTION – NOW IN GEELONG

## Interested in studying public health and health promotion in Geelong?

From 2015, Deakin will run its Bachelor of Public Health and Health Promotion at the Geelong Waurn Ponds Campus. It's the same as the course offered at the Melbourne Burwood Campus, just in a different location!

Studying the Bachelor of Public Health and Health Promotion will provide you with the skills and knowledge to undertake activities directed at improving the health and wellbeing of the population. Our public health and health promotion staff have established close associations with practising professionals in a wide range of sectors, making the course relevant to real-life practice. The practical placement in the final year of the course offers you the opportunity to put theory into practice consolidating the skills and knowledge you have learnt throughout the course and making you career ready when you graduate.

#### Want more information?

Visit our website deakin.edu.au/study-at-deakin/find-a-course/health or contact our Health Student and Academic Services on 9251 7777, health-enquire@deakin.edu.au.



#### **MIBT NEWS**

## Around 3000 students commenced at MIBT in March 2014, our biggest cohort since March 2010.

We could not have achieved this without the continued support of many Career Practitioners and we thank you and look forward to continuing to work with you in the future to provide our pathway option to students who do not qualify for direct entry into Deakin University.

#### Staff changes

MIBT farewells Cathy Tay, Marketing Manager, Geelong. Cathy's last day at MIBT will be 30 April 2014 and she will be leaving us to relocate to Singapore. Her replacement will be announced in the near future. In the meantime, please contact Carol Glover, carol.glover@deakin.edu.au if you have any queries.

### STUDENT IN FOCUS – MIBT STUDENT PROFILE

### Sarah Dunlop

**Diploma of Science** 



Hitting the books again after many years away from academic study isn't the easiest thing to do, but Sarah Dunlop took it all in her stride, and went on to graduate with a distinction average. Today Sarah shares her MIBT journey with us.

## How did you find out about or decide on coming to MIBT?

Having not been studying for a while, I was researching how I might be able to get back into uni. That's when I came across MIBT. I really liked how the classes are structured – it gives you a lot of flexibility that way.

## Did your experience meet your expectations?

I've had a really fun experience. As I have been out from the study environment for eight years, I really appreciated how everyone is so friendly, the lecturers are approachable, and given that we were all already in the same course, there was some common ground between my classmates and myself!

**Describe your overall student life at MIBT.** The classes were great. There was a lot of face-to-face time with the lecturers, and MIBT provided a very good support network for the students. It really helped me to ease back into study life smoothly. The classes were very interactive, and it was easy to learn, especially with the fun practical classes!

Studying at MIBT has given me confidence in my own academic skills – and I am now very sure that I will be able to take on more academic challenges from here on.

## Did you have any highlights during your studies?

Yes! It was when I received a 'Highest Achiever Award'. It was totally unexpected, and it made me even more motivated to study hard.

## Any tips to our students about studying at MIBT?

Pre-read your course materials. Attend your classes. Get enough sleep!

### CONTACTS

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#### **ENGINEERING AT DEAKIN**

Deakin engineering is distinctive in that each of our professionally accredited engineering courses are available in two study modes – campus learning and cloud (online) learning.

This provides students with the flexibility to choose their preferred study option and the ability to switch between study modes to fit their studies around their lifestyle, work and other commitments.

Undertaking an engineering degree via cloud (online) learning is ideally suited to those students who wish to minimise their requirement to physically attend classes at the Geelong Waurn Ponds Campus. But that doesn't mean they miss out on the practical learning experiences that are an integral part of engineering education. Regardless of which option they choose, all students have access to the recently refurbished engineering facilities at the Geelong Waurn Ponds Campus, enabling them to put theory into practice and acquire the skills and experience that are highly sought after by employers.

From 2015, students will also have access to the Centre for Advanced Design in Engineering Training (CADET). An extension of the engineering precinct at the Geelong Waurn Ponds Campus, CADET will provide some of the best future-focused engineering and design



facilities and advanced training capabilities in the Australian university sector.

To find out more about the engineering courses at Deakin, please visit deakin.edu.au/ study-at-deakin/find-a-course/engineering.

### **SAVE THE DATE – MEDICINE INFORMATION EVENING** Do you want to explore a career in medicine?



Deakin University will be holding a Medicine Information Evening at the Geelong Waurn Ponds Campus on Tuesday 20 May from 6.00–7.30 pm.

Delivered by the School of Medicine you will learn about the courses and pathways available in medicine and optometry at Deakin.

More details will be available soon, so keep an eye on our website!

#### **STAFF CHANGES**

The Student Recruitment Team would like to welcome Jenna McMeel to the team. Jenna has been appointed to the role of Student Recruitment Officer at the Warrnambool Campus and commenced on March 31. She is responsible for careers groups: Warrnambool and District, Hamilton and Loddon Campaspe. Jenna can be contacted on 03 5563 3444.