

MONASH Careers Update

NOV09

Information for careers and secondary school teachers advising students about study at Monash

Welcome

Welcome to the tenth, and penultimate, edition of Careers Update for 2009.

Planning for 2010 seems to be in full swing, thank you to all those schools who have already contacted us regarding their campus visits and event requests for next year. If you do have a preferred date for any on or off-campus activities which you wish us to participate in, please submit an online booking form: www.monash.edu.au/study/schools/visits/course

This edition provides some interesting examples of extra-curricular activities current Monash students have participated in, such as the Motorsport Team Challenge by Engineering students, mock employment interviews by Education students and excellent results from our Law students in the Inter-University Championships, showing the Monash experience extends well beyond the classroom. Also check out the overseas study opportunities in the Faculty of Arts and the article on outstanding IT student Phil Owen!

We hope that you find the Careers Update a useful resource. If you have any suggestions for improvements, or have information you would like us to cover, please email your comments to: rachel.edwards@adm.monash.edu.au

Kind Regards, The Onshore Student Recruitment Team

Monash improves it's world ranking

Monash has improved it's position in the prestigious Times Higher Education - QS World University Rankings, moving up two places to be ranked number 45 in the world.

Monash Vice-Chancellor Professor Ed Byrne welcomed the University's climb up the world ranking list.

"Monash University is a world-class university that will continue to get better," Professor Byrne said.

"This improvement in world ranking is a tribute to the hard work of many talented, dedicated teachers and researchers across the University.

"Monash is a new type of Australian university, with a strong international focus and a commitment to delivering the solutions to many of the problems facing societies across the globe.

"I am very proud of our past and equally excited about the contribution Monash will make in coming years."

Monash ranked in the Top 100 for all the five discipline areas:

- Life Sciences and Biomedicine, 25
- Natural Sciences, 53
- Engineering and Information Technology, 50
- Arts and Humanities, 37
- Social Sciences, 26

Last year the University celebrated the 50th anniversary of its establishment. Monash is one of the youngest universities to regularly feature in the list of top 50 universities in the world.

Monash 2010 website – the resource for your Year 12 students

We have recently made improvements to our web resource for the current Year 12 cohort – www.monash.edu/monash2010

Please advise your current Year 12 students to use this website to find out more about new courses offered at Monash, an updated program for our Change of Preference event at the Caulfield campus on 16 December, as well as activities run at other Monash campuses what may assist their decision-making in December.

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Berwick Campus Update

Update your details?

To ensure that your school does not miss out on key Monash program information, we must have your correct contact details.

More information

Val Foster (03) 9903 4758
valerie.foster@adm.monash.edu.au

Contact us

Onshore Student Recruitment

Email: future@monash.edu.au

Telephone: (03) 9903 4785

Address

871 Dandenong Rd,
Caulfield East
VIC 3144

Office Hours (EST):

9am – 5pm, Mon-Fri

Pathways Into Monash

Studying the Diploma of Tertiary Studies (DoTS) at Berwick, Peninsula and Gippsland

Students who fear they may just miss out on their preferred program at Monash, but who have achieved an ENTER of 50 or above, could begin a pathway to their preferred Monash degree through the Diploma of Tertiary Studies (DoTS).

The Diploma of Tertiary Studies is a program providing students with an opportunity to study at University-level with additional support. Each semester students undertake three, first year university units in the subject area of their choice combined with a fourth unit focused on the transition to university study.

On completion of the DoTS program, students are eligible to apply to transfer into the second year of the degree of their choice, which includes those offered by the Faculties of Art and Design, Arts, Business and Economics, Education, Information Technology, Science and also Nursing.

Applications for the DoTS program are made directly to Monash University's School of Humanities, Communications and Social Sciences (HUMCASS). **Applications close on 22 January 2010.** Application forms are online at www.arts.monash.edu.au/humcass/ugrad/dots.php

DoTS at Berwick and Peninsula Information Sessions

Thursday 17 December, 10am - 12pm, Berwick campus, 100 Clyde Road, Berwick
Thursday 17 December, 2pm - 4pm, Peninsula campus, McMahons Road, Frankston

(register for the Peninsula session by email: peninsula.campus@monash.edu.au)
*Opportunities at both campuses will be discussed in both sessions.

More information

www.arts.monash.edu.au/humcass/ugrad/dots.php
www.berwick.monash.edu.au/ - Berwick campus
www.monash.edu.au/campuses/peninsula/ - Peninsula campus

Enhancement Studies Update

How to Apply

Please advise any interested Year 11 students that applications for the 2010 Enhancement Studies Program close on Friday 11 December, 2009 for all subjects except Japanese, which closes on Friday 4 December 2009.

The application form and additional information such as prerequisite entry requirements and study modes available can be found on the Enhancement Studies website.

More information

Register online at www.monash.edu.au/study/enhancement

Faculty of Science

Monash Science Experience for Year 9s entering Year 10 in 2010

13 – 15 January 2010

Clayton campus

Places are still available for The Monash Science Experience, a 3-day program for Year 9 students entering Year 10 in 2010. This fun-filled program features talks on the latest scientific topics as well as practical sessions in the University laboratories, tours, quizzes, food, music and more.

The program is run by scientists who love their work and they will be assisted by the fun-loving, ever-enthusiastic Young Scientists of Australia.

More information

Register online by 30 November at www.scienceexperience.com.au/when

For enquiries contact:

Lorraine Curtis: 03 9902 0190 / Lorraine.Curtis@adm.monash.edu.au

Olga Lipkin: 03 9905 1342 / Olga.Lipkin@adm.monash.edu.au



Analytical Instruments Workshops

9am – 12pm, or 1 – 4pm

15 – 19 February

Clayton campus

Fee: \$25

The School of Chemistry will co-host Analytical Instruments workshops for Year 12 students next year.

Students will complete activities which tie-in with Unit 3 VCE Chemistry, including conducting an analysis on one of the following instruments, examining the workings of a second instrument, and then completing a follow-up activity on IR and NMR spectrometry.

- **HPLC:** Students will determine the caffeine content of a soft drink
- **Gas Chromatography:** In this activity, the alcohol content of wine will be determined.
- **UV/Vis Spectroscopy:** The aim of this experiment is to measure the iron content of a common supplement tablet.
- **Atomic Absorption Spectroscopy:**
The students will measure the amount of sodium in soy sauce or a sport drink.

More information

Bookings are made through CSIRO Education:

Tel: 03 9252 6387, Fax: 03 9252 6256.

Enquiries to Mick Moylan, 03 83446465 / mmoylan@unimelb.edu.au

Monash's 2009 Series of Professional Development Sessions for Teachers

This year Monash University is again hosting a series of lectures, practical classes and seminars on topics that expand on many subject areas within the current VCE and IB curricula. We are inviting VCE and IB subject specialists, particularly those responsible for students in Years 11 and 12, to select from a range of professional development sessions that will add to their teaching expertise. These sessions will:

- enable Monash to share knowledge that is relevant to, and will assist in the teaching of, the VCE and IB curricula
- open-up discussions in these areas between university academics, researchers and teachers
- contribute towards professional development requirements

This program of activities is provided free of charge, to register your interest please complete this RSVP form, selecting the sessions you would be interested in attending.

A range of sessions are being offered at Monash campuses in Parkville, Caulfield and Clayton in the week commencing 30 November. This year's seminar topics are

- The Materials Revolution – How new materials can change the world
- Understanding Normal: The recent evolution of psychology
- The application of surface chemistry – pharmaceuticals and nanotechnology
- Domestic Violence and Family Law
- Teaching Indigenous Legal Issues
- Accounting – Globalising our teaching and research

More information

A full program can be found at:

www.monash.edu.au/study/events/ and bookings should be made by Monday 23 November.

Faculty of Education

Mock Interview Success Stories

In October the Monash University Faculty of Education hosted mock interview sessions to prepare final year students for the real thing in the coming months. This annual event drew on more than 130 principals and senior secondary school staff from a wide selection of schools throughout Victoria who volunteered their expertise to the faculty. In total 351 students were interviewed by panels of 2-3 of the volunteers as part of their Professional Engagement unit. Students were questioned on their academic studies, work and life experience to find out how they have made the most of the opportunities presented to them during their time at Monash. After the interview the panel gave each student valuable feedback to assist them in future interviews.

As well as being part of the unit's assessment, the event is designed to give students a rewarding experience and help them on their way to finding work soon after graduating from University. For some particularly high performing students, there was an extra unexpected bonus in that they received job offers as a result of their interviews.

One successful student told us he was "really excited" to be made an offer (which he has accepted) teaching geography, Chinese and science at a secondary school in Melbourne's eastern suburbs.

The mock interviews provide a valuable link between the Education Faculty and highly experienced professionals such as Principals. This link is vital in developing partnerships in the preparation of future teachers with the profession itself. The Faculty of Education would like to thank all of the interviewers who gave up their time to attend.



An Education student with Andrew Chisholm, then Assistant Principal at McKinnon Secondary College, now at the new John Monash Science School

Faculty of Law

Clean sweep for Monash law students

Monash law students have won every category of the recent Victorian Council of Law Student Societies (VCLSS) Inter-university Championships - the most prestigious law students' competition in Victoria.

Each of Victoria's five law schools sends its best students to participate in the championships, with teams competing in mooting, client interview, negotiation and witness examination.

The competitions simulate various aspects of everyday legal practice, requiring exceptional written and oral advocacy, and often extensive legal research.

Students are judged by senior members of the Victorian legal profession, including judges from the County and Supreme Courts, as well as partners from the competition's sponsor, commercial law firm Blake Dawson.

For mooting winners Alex Fawke and Michael Beaconsfield, this was the second consecutive year of taking out the top prize.

The pair, whose team this year also included Matthew Eglezos, said the championships were a fantastic opportunity to improve their skills in advocacy and legal analysis.

"To appear in front of some of the state's top legal minds has been an invaluable experience, and to win was a great bonus," fourth-year arts/law student Alex said.

Other winners were first year students Vivien Tabe and Matthew Persico, who took out the client interview competition, Sofia Hopper and Hugh Bastiaan who won the negotiation section, and Drossos Stamboulakis who won the witness examination competition.

Berwick Campus Update

Berwick student wins international multimedia competition

A Monash University IT student with a talent for visually communicating big-bang science has won an international multimedia competition and internship that will see him participate in one of the most anticipated scientific events ever.

Phil Owen, a multimedia applications major from the Berwick campus, will go to Geneva in November when the Large Hadron Collider (LHC) at CERN will be restarted and multiple head-on collisions between sub-atomic particles will, it is hoped, re-create the moments after the big bang and potentially unlock the secrets of the cosmos.

As the multimedia intern for this ambitious experiment, Phil will have the job of creating a multimedia presentation of the experiment that will help communicate its significance to the broader public.

Phil, an aspiring science documentary filmmaker, spent his entire mid-semester break working on his winning entry and stayed awake for three nights to finish it in time. He said the competition seemed like the perfect opportunity for him, marrying his multimedia skills and personal fascination with the LHC project.

"I didn't expect to win, but the competition was appealing to me for obvious reasons. I am absolutely thrilled to get the chance to be involved with such a significant, historic event," he said.

"I had some other plans for next year, but I don't mind putting them on hold for such an amazing opportunity," Phil said.



Faculty of Engineering

Monash Motorsport Team Car Unveiled

For many, the chance to drive a race car is a childhood dream. Nothing else quite compares to the thrill of flying around corners and being buffeted by g-forces and screaming engine noises.

The Monash Motorsport Team brings such dreams to reality, giving Monash Engineering students the chance to experience life in the fast lane. Each year the team designs, builds and then races a small open wheel prototype race car, competing against other universities from around Australia and abroad.

Recently, hours of hard work paid off as the team celebrated the launch of their new car. Over 100 staff, students and sponsors attended the event to see the car unveiled.

"It's quite a sight," commented one sponsor. This is the kind of reaction the team was hoping for, having styled their car on an F-22 Raptor fighter jet and the Lamborghini Reventon.

"It has been a frantic few months getting everything ready," explains team leader, Rachel Mace. "It has been a fantastic team effort and we have succeeded in putting together a really competitive vehicle. It wouldn't be possible without the help of our sponsors, particularly the Faculty of Engineering at Monash, so it's great to be able to thank them and show them a finished product here tonight."

The car is powered by a 600CC 4-cylinder naturally aspirated Honda motorbike engine that has been tweaked to produce over 80 horsepower (60kW). This means the car, that weighs only 240kg, can blast from 0-100kmh in less than four seconds! The car features a semi-automatic gear shifter that reduces shift times to an impressive 100 milliseconds.

The team will put the car to the test in this year's competition, held on 10-13 December in Werribee. "Monash is really well-placed," Rachel points out. "It would be great to see a big crowd at the event to cheer us along!"

More information

www.monashmotorsport.com



Faculty of Arts

Overseas Study Opportunities

The Faculty of Arts at Monash is committed to providing a wide variety of opportunities for students to study overseas as part of their degree. Studying overseas has always been popular with Arts students, whether it be through semester or year-long study abroad and exchange programs, or more intensive opportunities such as short courses and study tours.

The opportunities for Arts students have never been greater, with new courses and study tours available next year.

New units offered at Monash's Prato Centre in Italy have been designed to take advantage of everything the surrounding location has to offer, including tours to historic sites and guest lectures from leading academics around the world. The units are run as intensive programs allowing students to complete in two weeks, in areas such as Italian Film studies, Dante's Medieval World, the role of the EU and tours of the Anzac battlefields.

The Centre for Jewish Studies will be running new study tours in 2010 tours on 'The Pre-War Life of European Jewry' and 'Peace and Conflict in the Middle East'. These activities have been very beneficial personally and academically for students.

"Of course there were some very moving moments but it was an awe-inspiring experience – we spoke with survivors and saw places that we would never normally have access to" says Erin.

More information

www.arts.monash.edu.au/

Are your students unsure about where an Arts degree could lead them?

For a quick look at majors and graduate outcomes go to our careers matrix:

www.arts.monash.edu.au/careers-matrix/

Bachelor of Medicine and Bachelor of Surgery

If you are aware that you have very high achieving students who have applied for Monash's Bachelor of Medicine / Bachelor of Surgery, please advise that they consider leaving this course as one of their preferences.

Any student who receives an ENTER of 99.95 will be offered a Monash Scholarship for Excellence and will be guaranteed an Interview (if not offered one previously) for the MBBS program if they have achieved a UMAT Overall Score of 50 or greater.

Applicants who think this might apply to them should not remove Monash from their preferences until they know the outcome of their Year 12 results.

Onshore Student Recruitment Office

Contact us

Email: future@monash.edu.au
Telephone: 1800 MONASH

Office hours (Melbourne time):
9am-5pm Monday-Friday

871 Dandenong Road
Caulfield East Victoria 3145

Our staff

Jodie Martin-Blick, Manager
(03) 9903 4751

Helen O'Keeffe
Assistant Manager (Programs)
(03) 9903 4810

Gail Pizzi
Admin Officer Enhancement Studies
(03) 9903 4810

Jim Zubic, Regional Manager
(03) 9903 4750

Rachel Edwards
Assistant Manager (Recruitment)
(03) 9903 4762

Melissa Melder
Student Recruitment Coordinator
(03) 9903 4763

Ali Terai
Student Recruitment Coordinator
(Peninsula)
(03) 9903 4698 (Peninsula)
(03) 9903 4755 (Caulfield)

Melinda Sung
Student Recruitment Coordinator
(03) 9903 4752

Hemant Kokularupan
Student Recruitment Coordinator
(03) 9903 4757

Giuseppe Marino
Future Student Coordinator, Gippsland
(03) 9902 6987
(03) 5122 6987

Zoe Wall
Berwick Campus Marketing &
Communications Coordinator
(03) 9904 7005

Val Foster
Administration Officer (Programs) /
Monash Prize Coordinator
(03) 9903 4758

Quick links

Monash Course Finder

www.monash.edu/courses/coursefinder

Monash – For Careers Teachers and schools

www.monash.edu.au/study/schools/

Monash news and events

www.monash.edu/news