

theatrical talent



# AUSTRALIA OF ADELYN

Five Australians and up to four in five humans as *H. pylori* affects one in five. This has important implications for emptied from the stomach in mice—or how quickly food is on the rate of “gastric emptying,” known as *Helicobacter pylori* had

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# McWha's Words

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It is a year since I came to the University of Adelaide, and I want to reflect on what we have been doing, and what lies ahead.

Twelve months ago I saw a number of priorities including the need to engage more strongly with the community and in particular to form stronger industry links and partnerships. This would help us reinforce our position as the region's leading educational and research institution. I felt that we also needed to strengthen our research by growing the number of research students as well as our research revenue. There was also a need to generate greater economies of scale in many of our activities to sustain our broad range of programs.

More importantly, however, we needed to rebuild our sense of identity and pride in the University of Adelaide. We needed to recreate an environment rich in quality and in innovation, and which at the same time was inherently stable. One way to tackle this was to address our financial malaise, and create a margin to provide us with the capacity to invest in the University's future.

The advantage we had was the quality and dedication of our staff as well as the excellence of our students. That commitment by staff has ensured that we ended the 2002 financial year with a positive result of \$12.4 million, compared to a \$6.4 million loss the previous year. This is a sound result and a good first step, but we now need to work to ensure it becomes a trend.

This sort of progress has enabled us to begin looking more positively to the future. The Plant Functional Genomics building is well underway at the Waite, and the Wine Centre agreement has been signed with the State Government. There is, however, much more to be done, and though we have seen some improvement, for example in the computing facilities in Humanities and Social Sciences, we have only to look at our lecture rooms to see the challenge that remains.

Last October, the Australian Universities Quality Agency (AUQA) visited the University, and the subsequent report praised our thorough and exhaustive self-assessment for the audit that was undertaken. Many of the findings of the audit group had been identified in our preparatory analysis, and the University

is working to incorporate the planned improvements identified in its quality portfolio, and those included in the AUQA report, into its planning processes in the coming years. Quality is a defining feature of this University —and as someone recently reminded me, "AUQA will be back"!

Of course, if we are to continue to build the University we need good students. The University of Adelaide is fortunate in this respect, as it continues to be the university

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According to a recently released survey by the Graduate Careers Council of Australia, 82.2% of 2001 University of Adelaide graduates found positions in key professions in 2001 compared to 76% of Flinders graduates and 74.7% of UniSA graduates.

The figures involved first-degree Australian graduates available for full-time work in 2001. The University of Adelaide leads the national average, which is 81.3%.

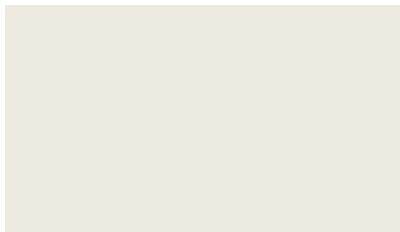
The Graduate Destination Survey involved more than 370 University of Adelaide students, more than 380 from Flinders and 1100 from UniSA.

The University of Adelaide leads in earnings, with an average salary of \$36,200 compared to Flinders (\$35,300) and UniSA (\$35,000).

The highest salary is in dentistry (\$50,700) and the lowest is in the area of visual/performing arts (\$23,800).

"This is encouraging and clearly shows our students are being appropriately guided and prepared for their careers," said Professor James McWha, Vice-Chancellor of the University of Adelaide.

Story by Howard Salkow



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The glorious Gothic architecture of Bonython Hall will provide a fitting backdrop as more than 650 students take part in graduation ceremonies this month.

Four ceremonies are being held in Bonython Hall over two days, with almost 1100 students graduating in total.

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The comprehensive 393-word statement affirms the University of Adelaide's commitment to the







The Games, held last month in Adelaide, featured around 2000 university athletes from South Australia, Victoria and Tasmania.

The University of Adelaide won gold for women's hockey and women's soccer, with the men winning the rugby union 7s competition.

The university also earned bronze in the women's and men's basketball and in Ultimate Frisbee.

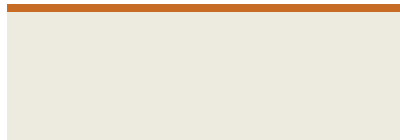
Pennants were presented to the winning university teams at a closing ceremony at the Clipsal Powerhouse.

"We're very pleased with the University's performance at the games," said University of Adelaide Team Manager Gloria Chester, who is also Executive Officer of the Sports Association and was on the Games Advisory Board.

"Sport is an important part of student life at the University of Adelaide, as it pro4lai ° S

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See a Construction Workshop involving  
Level I Bachelor of Design Studies



### Clubs and Societies

Clubs and Societies range from sporting clubs, to activity, issue and cultural groups. Open Day events include:

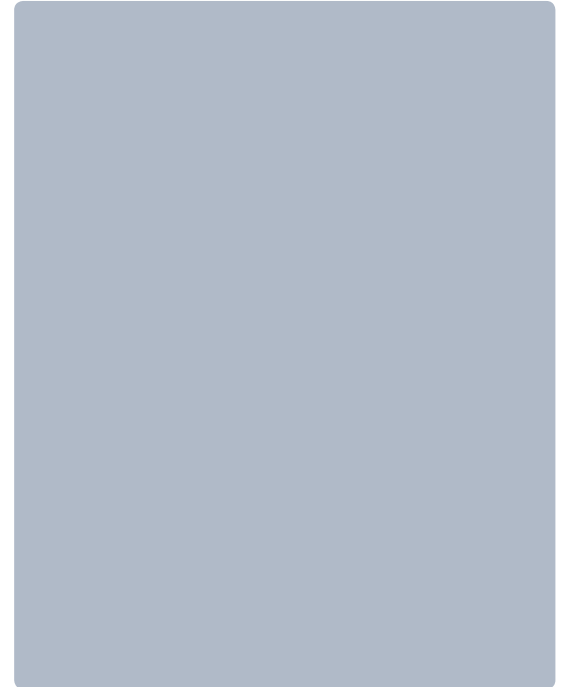
- Choral Society performances
- Debating Society in action
- French and German Clubs performing some acts from their plays and the Cabaret
- Society for Creative Anachronism – hold onto your hats, anything could happen!
- Sporting club demonstrations, including Ultimate Frisbee, martial arts and more
- Student Radio

### Sports Hub Fitness Centre

This new, fully air-conditioned facility is open for tours all day.

### Postgraduate Students Association/ Overseas Students Association

Available all day to answer questions and view facilities.



Where would we be without laws, and without people who understand our laws?  
See a Mock Trial, with our talented Law students putting their skills into action!



Breath-testing makes studies such as these so much easier, regardless of whether the subject is human or a mouse.

For her research into mice, each mouse that is breath-tested is placed in its own self-contained jar. Erin collects breath samples from the jar and analyses them with a mass spectrometer.

“After the food (which contains the non-radioactive carbon-13 label) is emptied from the stomach it is metabolised to produce carbon dioxide which is also labelled with carbon-13,” Erin said.

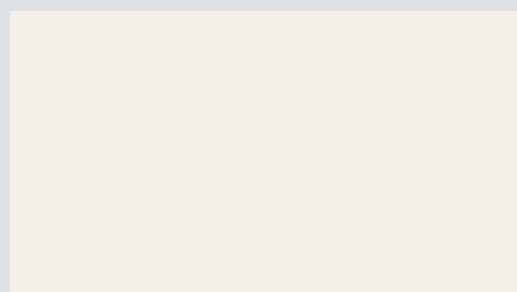
“By analysing the breath for its levels of labelled carbon dioxide, we can get an idea about how fast or slow the stomach emptying is.

“For my thesis I also examined how a potential reflux therapy called baclofen affected gastric emptying.

“Slow gastric emptying contributes to reflux or heartburn, so if potential treatments further slow

the emptying then they are doing more harm than good. I found that baclofen sped up the emptying for solid meals, but it actually slowed it down for liquids.”

Erin, 26, was awarded a Centenary Medal earlier this year for her gastroenterology research and in 2001 won the Young Investigator Award. She plans to continue her research at the WCH for up to two years before furthering her gastrointestinal research interests overseas.





## Coming Events

### Tuesday, August 5

**1.10pm Student workshop:** "Meditation". Counselling Centre, ground floor, Horace Lamb Building.

**6pm CISME seminar:** "Celebratory Seminar for the Hon. Lynn Arnold", with Professor James McWha (Vice-Chancellor, University of Adelaide) and the Hon. Mike Rann (Premier of South Australia). Council Rm, Lvl 7, Wills Bldg.

### Wednesday, August 6

**1pm Architecture talk series:** "Shear Outback: Australian Shearers Hall of Fame" by Paul Berkemeier (Paul Berkemeier Architects Pty Ltd). Hughes Lecture Theatre, 309 Hughes Building.

**1.10pm Student workshop:** "Effective Weed Control". Counselling Centre, ground floor, Horace Lamb Building.

### Thursday, August 7

**10.10am Electrical & Electronic Engineering seminar:** "Design of a

practical Rotman lens at 17 GHz" by Leonard Hall (postgraduate student). S112, Engineering South Building.

### Friday, August 8

**1.10pm Elder Hall Lunch Hour Concerts:** Kristian Chong (piano) featuring works by Bartók, Graeme Koehne and Liszt. Elder Hall. Tickets \$5 at door from 12.30pm.

**4pm Economics seminar:** Dr Robert Waschik (La Trobe) on the wool industry. Napier LG14.

### Monday, August 11

**1pm Clinical & Experimental Pharmacology seminar:** "Introducing the WHO Collaborative Centre in the treatment of drug and alcohol problems and DASC Evidence Based Practice Unit". O&G-Pharmacology Seminar Rm, Level 6, Medical School North.

### Tuesday, August 12

**1.10pm Student workshop:** "Meditation". Counselling Centre, ground floor, Horace Lamb Building.

The University of Adelaide Theatre Guild's latest production of Peter Shaffer's masterful *Equus* promises to enthral audiences.

Directed by Geoff Crowhurst, *Equus* stars Luke O'Loughlin as Alan Strang, a 17-year-old boy who plunges a spike into the eyes of horses. Mr O'Loughlin, a graduate of University

### Monday, August 18

**1pm Clinical & Experimental Pharmacology seminar:** "Heterogeneity, interactivity and plasticity in the anterior pituitary" by Dr Jeff Schwartz (Physiology). O&G-Pharmacology Seminar Rm, Lvl 6, Medical School North.  
**6pm CISME seminar:** "Can a Soul be Cloned?" by Professor Andrzej Szostek (Catholic University of Lublin, Poland). Council Rm, Level 7, Wills Building.  
**8pm Classical Association seminar:** "The Roman Technological Achievement: the Industrial Revolution That Didn't Happen?" by Jenny Harvey, Council Rm, Level 7, Wills Building.

### Tuesday, August 19

**1.10pm Student workshop:** "Meditation". Counselling Centre, ground floor, Horace Lamb Building.

### Wednesday, August 20

**1pm Architecture talk series:** "Al-Ain Oasis: The Heart of a Bedouin City" by

Geoffrey Sanderson (Shankland Cox Ltd, United Arab Emirates). Hughes Lecture Theatre, 309 Hughes Building.

**1.10pm Student workshop:** "Effective Weed Control". Counselling Centre, ground floor, Horace Lamb Building.

### Thursday, August 21

**10.10am Electrical & Electronic Engineering seminar:** "Towards a 3 dimensional terahertz inspection system" by Bradley Ferguson (postgraduate student). S112, Engineering South.

**5.30pm Lloyd Cox Memorial Lecture:** "The male germ line: its part in our downfall" by Professor John Aitken (ARC Centre of Excellence in Biotechnology and Development, Professor of Biological Sciences, University of Newcastle). Main Lecture Theatre, First Floor, Queen Victoria Building, Women's and Children's Hospital. Drinks and nibbles at 5pm. RSVP: (08) 8222 26788 or email nicole.normandale@adelaide.edu.au

### Friday, August 22

**1.10pm Elder Hall Lunch Hour Concerts:** Australian String Quartet featuring works by Haydn. Elder Hall. Tickets \$5 at door from 12.30pm.

**4pm Economics seminar:** "The Drug Bargaining Game: Pharmaceutical Regulation in Australia" by Dr Don Wright (Sydney). Napier LG14.

**4pm Obstetrics & Gynaecology seminar:** "The human spermatozoon: not waving but drowning" by Professor John Aitken (Biological Sciences, Newcastle). 6th Floor, Medical School North.

### Tuesday, August 26

**1.10pm Student workshop:** "Meditation". Counselling Centre, ground floor, Horace Lamb Building.

### Wednesday, August 27

**12.30pm Clinical Nursing seminar:** "A phenomenological study to investigate the experiences of patients ventilated

long term in the intensive care unit setting" by Kelly Lewis. ICU conference room.

**1.10pm Student Workshop:** "Effective Weed Control". Counselling Centre, ground floor, Horace Lamb Building.

### Thursday, August 28

**10.10am Electrical & Electronic Engineering seminar:** "Cognizant Environments (the science of creating and monitoring the situation awareness in humans working on safety-critical systems)" by Associate Professor Daniel McMichael (CSIRO). S112, Engineering South Building.

### Friday, August 29

**1.10pm Elder Hall Lunch Hour Concerts:** John O'Donnell (organ) featuring works by J C Bach and J S Bach. Elder Hall, North Terrace Campus. Tickets \$5 at door from 12.30pm.

**4pm Economics seminar:** Dr Katrina Ellis (UC Davis) on finance. Napier LG14.





Esther, 18, was selected as South Australia's Young Composer at the Australian Society for Music Education's National Conference, held in Darwin last month.

This gave the University of Adelaide music student a chance to have her work *An Equal Eternity* performed by the Darwin Symphony Orchestra as part of the conference's Young Composers Concert, and to work with one of Australia's best composers, Peter Sculthorpe.

Esther, who is in her first year studying double bass at the Elder School of Music, freely admits that performance is her first love, with composition a relaxing side attraction. She composed *An Equal Eternity* for her Year 12 music studies at Pembroke in 2002.

"I'm really concentrating on my double bass playing at the moment, because I am aspiring towards a career in performance," Esther said. "Even in Year 12 last year composition was more a hobby than anything else for me, so to be selected as the Young Composer for South Australia was a real surprise and an honour.

"The trip to Darwin was good, however, because it broadened

my scope of the different types of music which are being written and performed today. It's also reinvigorated my interest to continue composing and I will be able to incorporate some of the things I learnt in Darwin into any works I write from now on."

Elder Professor of Music and Dean of the Elder School of Music Professor Charles Bodman Rae said Esther's achievements bode well for her future musical endeavours.

"Esther is obviously a very talented student: she received a 20/20 Merit for solo performance in Year 12 and is now studying at the Elder School of Music on a scholarship, and her compositional ability is already good enough for her to be receiving recognition," he said.

"Having students of her calibre choosing to study at the Elder School of Music also shows that we continue to be one of the country's pre-eminent educational institutions