

# Adelaidean

NEWS FROM THE UNIVERSITY OF ADELAIDE

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## inside this issue

### PAGE 5

Adelaide links into world's biggest oil and gas company



### PAGE 6

Chemical Engineering students go the distance



### PAGE 9

Meet one of our latest research successes



### PAGE 15

Uni spirit still strong 50 years on



**PAGE 3** Jazz great premieres Koehne's *High Art*

**PAGE 4** \$450,000 Florey grant awarded to health study

Young scientists vie for top prize

**PAGE 7** Young lawyers are masters of international experience

**PAGE 8** \$10.7m research funding to make an impact

**PAGE 11** Young entrepreneurs win \$70,000 challenge

**PAGE 13** *Ugly Man* pays a visit to Adelaide

**PAGE 16** Rhodes scholar follows in Bob Hawke's footsteps



The University of Adelaide is Australia's third oldest university and is known internationally for excellence in research and teaching.

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## Concern over drivers' vision: new study



New research at the University of Adelaide is asking serious questions about the quality of older drivers' peripheral vision.

According to statistics, older drivers in Australia, Europe and the United States are over-represented in crashes at intersections. Worldwide research into the reasons why has had mixed results.

Research by University of Adelaide Master of Psychology student Elissa Corlett has been looking at the quality of older people's peripheral vision. Her results could have future implications for drivers' licence regulations and road safety.

Ms Corlett studied two separate groups of adults, and found that the young adults (aged 17-37) could identify 32% more of the visual targets than the older adults (aged 70-90), indicating a decline in peripheral vision with increasing age.

In one of the tasks, on average older adults only identified 53.5% of the targets just outside of their central vision, whereas young adults identified 85.7%.

Nevertheless, Ms Corlett also found that some adults in the older age group had excellent peripheral vision, while some in the younger group did not.

"As we age, everything begins to decay, so it is quite natural to see these decrements occurring in visual ability—that is, the older adults discriminated less objects using peripheral vision," Ms Corlett said.

"The results imply that vision is declining at a very individual and unique rate, and that could have

wide-ranging implications for the testing of drivers.

"Peripheral vision is of major importance to drivers, as it can help prevent road accidents, particularly at intersections," she said.

Ms Corlett's interest is the environment and how people perceive and interact with it. She said she became aware of a lack of research into this area during a placement at Transport SA.

Her studies used a test called 'Crowding Across the Visual Field' which is believed to measure the underlying central mechanism of the Useful Field of View (UFOV), which is a good predictor of elderly drivers with poor crash histories.

continued on page 2

## Want to know more about Psychology?

Psychology Week is being held from November 9-14, with information and activities available to all members of the public.

"Psychology and Families"—a free exhibition—will run from 2-5pm on Sunday, November 9 in the Equinox, Level 4 of the University of Adelaide's Union Building.

The exhibition will include information about Psychology as a Year 12 subject (a new option for secondary students starting in 2004) and the announcement of the Children's Peace Literature Award for 2003.

Books and posters about what psychologists do will be on display, as well as special exhibitions and members of the university's Psychology staff who can talk about "gambling and the family" and "ageing and psychology".

On Friday, November 14, a public marquee will be open in Rundle Mall, taking Psychology out into the community of Adelaide.

## Concern over drivers' vision: new study

continued from page 1

Ms Corlett's research has validated the 'Crowding Across the Visual Field' test developed in Adelaide by Michael White, a former University of Adelaide Psychology student and now Research Coordinator at Transport SA.

"The test could potentially find its way into a licencing procedure in the future. However, additional validation and further research into peripheral vision is also required," she said.

"While my study has identified some important issues, we were using a relatively small sample group of 60 people. Much more work needs to be done in order to gain a better understanding of peripheral vision among drivers."

Ms Corlett's research has earned her the \$1000 John Kirby Road Safety Trust Award for new researchers at the 2003 National Road Safety Research, Policing, and Education Conference in Sydney.



Elissa Corlett

She presented a paper at the conference entitled *Now you see it; now you don't. Preliminary investigation of age-related decrements in peripheral vision*, co-authored by Michael White.

Story by David Ellis

### Adelaidean

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## Nobel Prize winner applauded

The University of Adelaide gained international media attention last month—and it was all due to one man.

Novelist Dr J.M. Coetzee was awarded the 2003 Nobel Prize for Literature.

Just over 12 months ago Dr Coetzee was appointed an Honorary Visiting Research Fellow with the university's Discipline of English, and in that role provides mentoring and support to Creative Writing postgraduate students and staff.

He is regarded as one of the greatest living writers, and has the distinction of being one of only two people to win the Booker Prize twice.

The announcement of his Nobel Prize resulted in the University of

Adelaide receiving a flurry of interest from local, national and international media.

Dr Coetzee, who was in the United States at the time of the announcement, has been formally congratulated by the University's Vice-Chancellor, Professor James McWha, and the University Council.

"We are privileged to have J.M. Coetzee as a part of the University of Adelaide community," Professor McWha said.

"To have someone of his standing associated with the university provides our students with a magnificent role model, whose achievements they can aspire to and hopefully emulate."

Dr Coetzee becomes yet another person directly associated with the university to receive a Nobel Prize, with past prize winners including Sir William Henry Bragg, his son Sir William Lawrence Bragg, and Lord Howard Florey.

## Jazz great premieres Koehne's High Art

Australian jazz supremo James Morrison will perform the home town premiere of a new Concerto for Trumpet and Orchestra by Adelaide composer Graeme Koehne.

The concert, with the Adelaide Symphony Orchestra, will be the final 2003 Master Series concert, *At the Dawn*, on November 21 and 22 at the Adelaide Festival Theatre.

Graeme Koehne, a Lecturer in Composition at the University of Adelaide's Elder School of Music, said he aimed to cross a musical divide with his new work, entitled *High Art*.

"Throughout my life, I have been a sucker for 'cheap music'. I find enjoyment in music from the strangest, 'lowest' sources: cartoons, pop, lounge music and suchlike musical 'kitsch'," Koehne said.

"Unlike most of my colleagues in the world of classical music, I don't discount this music, but feel compelled to bring the infectious spirit of the musical vernacular into the realm of the 'classical'.

"With the increasing popularity of jazz as an art form, the fusion of jazz and classical music offers a relatively new platform for composers. This concerto challenges James Morrison to employ both his disciplined classical virtuosity and rich jazz experience within one major work."

Koehne was born in Adelaide and completed his undergraduate and postgraduate studies at the University of Adelaide, studying composition with Richard Meale.

He gained national attention at the 1982 Adelaide Festival when he was awarded the Young Composers Prize, and in 1984 was awarded a Harkness Fellowship to work at the School of



Composer Graeme Koehne



Trumpeter James Morrison

Music at Yale University. There he studied with the doyen of American composers, Virgil Thompson, and also worked with visiting Dutch composer Louis Andriesson.

Koehne has been commissioned to write ballet scores for the Australian Ballet, the Queensland Ballet and the West Australian Ballet, and has enjoyed a long and fruitful collaboration with choreographer Graeme Murphy of the Sydney Dance Company. He has composed music for theatre and film, and his most recent orchestral works include the ever-popular *Powerhouse*, *Elevator Music* and *Inflight Entertainment*. Koehne is currently Musica Viva's Featured Composer for 2003.

Following the recent world premiere of *High Art* in Sydney, *The Sydney Morning Herald* described the new concerto as "running in one breathless arc from the tongue-in-cheek spookiness of

the opening to the exuberant finale... tapping unashamedly into the musical vernacular that underscores our everyday life".

The program for *At the Dawn* also includes Neilsen's exotic *Aladdin* and Shostakovich's subversive Twelfth Symphony 'The Year 1917'. The concert is led by one of the world's most exciting young conductors, Kristjan Järvi, appearing in advance of his Adelaide Festival participation next year.

### Master Series Concert 12 - At The Dawn

Adelaide Festival Theatre  
Friday, November 21, 8.00pm  
Saturday, November 22, 6.30pm  
Tickets \$39 adult/\$35 concession/  
\$10 Go Card (secondary students)  
Book at BASS 131 246



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# \$450,000 Florey grant awarded to health study

A collaborative research team headed by the University of Adelaide has been awarded the \$450,000 Florey Research Grant to undertake a major study into the health and ageing of Australian men.

The project, which aims to study 1000 men in Adelaide's north-west suburbs, is believed to be the first of its kind in Australia to attempt to identify the wide range of factors that contribute to Australian men's health (reproductive, physical and emotional), and their relationship with the ageing process.

The winning research team is headed by Associate Professor Gary Wittert from the University of Adelaide's Department of Medicine, and involves researchers from the university's Department of Public Health and the School of Molecular & Biomedical Science, as well as the Royal Adelaide Hospital, SA Department of Human Services, Institute of Medical and Veterinary Science, Hanson Institute, CSIRO and Glenside Hospital.

"Compared with women, Australian men of all ages are less healthy and therefore do not enjoy as good a quality of life as they should," Dr Wittert said.

Some of the research leaders (from left): Associate Professor Gary Wittert (Department of Medicine), Dr Peter O'Loughlin (Institute of Medical and Veterinary Science), Professor Janet Hiller and Dr Megan Warin (Department of Public Health)



"All chronic conditions such as obesity, cancer, diabetes and cardiovascular disease occur more frequently in men and their life expectancy is five years less than that of women. Men are less likely to use health services, especially in relation to preventative services and early intervention, and the quality of their mental health is below that of women's. In addition, some diseases that exclusively affect men, such as prostate cancer, are insufficiently understood—screening remains controversial and there is little data regarding prevention.

"Identifying the reasons for men's poorer physical and mental health is an imperative," he said. "We hope that measures could then be developed and implemented to promote a healthy and active lifestyle, eventually prevent diseases, and guide the development of appropriate health services and policy."

The three-year grant was announced at the Florey Medical Foundation's annual fundraising dinner held recently in Bonython Hall.

The Florey Research Grant is jointly funded by the Florey Medical

Research Fund, the major fundraising arm of the University of Adelaide's Medical School, and the university's Deputy Vice-Chancellor (Research).

The grant is named after one of the Adelaide's greatest graduates, Lord Howard Florey, who won the Nobel Prize in Medicine for his pioneering work in the development of penicillin for clinical use.

The grant aims to support research teams looking for better solutions to major health problems in South Australia, and promotes stronger partnerships between researchers in different disciplines in Adelaide.

# Young scientists vie for top prize

A diverse range of exciting – and potentially life-altering – research by three of South Australia's best young talent will be on show this month.

The 2003 Young Investigator Award finals will be held on Friday, November 14 in the University of Adelaide's Napier Lecture Theatre.

The award recognises the best in science and science communication among young researchers studying women's, children's or young people's health. The winner will receive a prize of \$1000 plus the BioInnovation SA Conference Prize of \$1500, and will become the South Australian "Young Investigator of the Year".

On the night, the three finalists will present their work to a panel of media judges and members of the public.

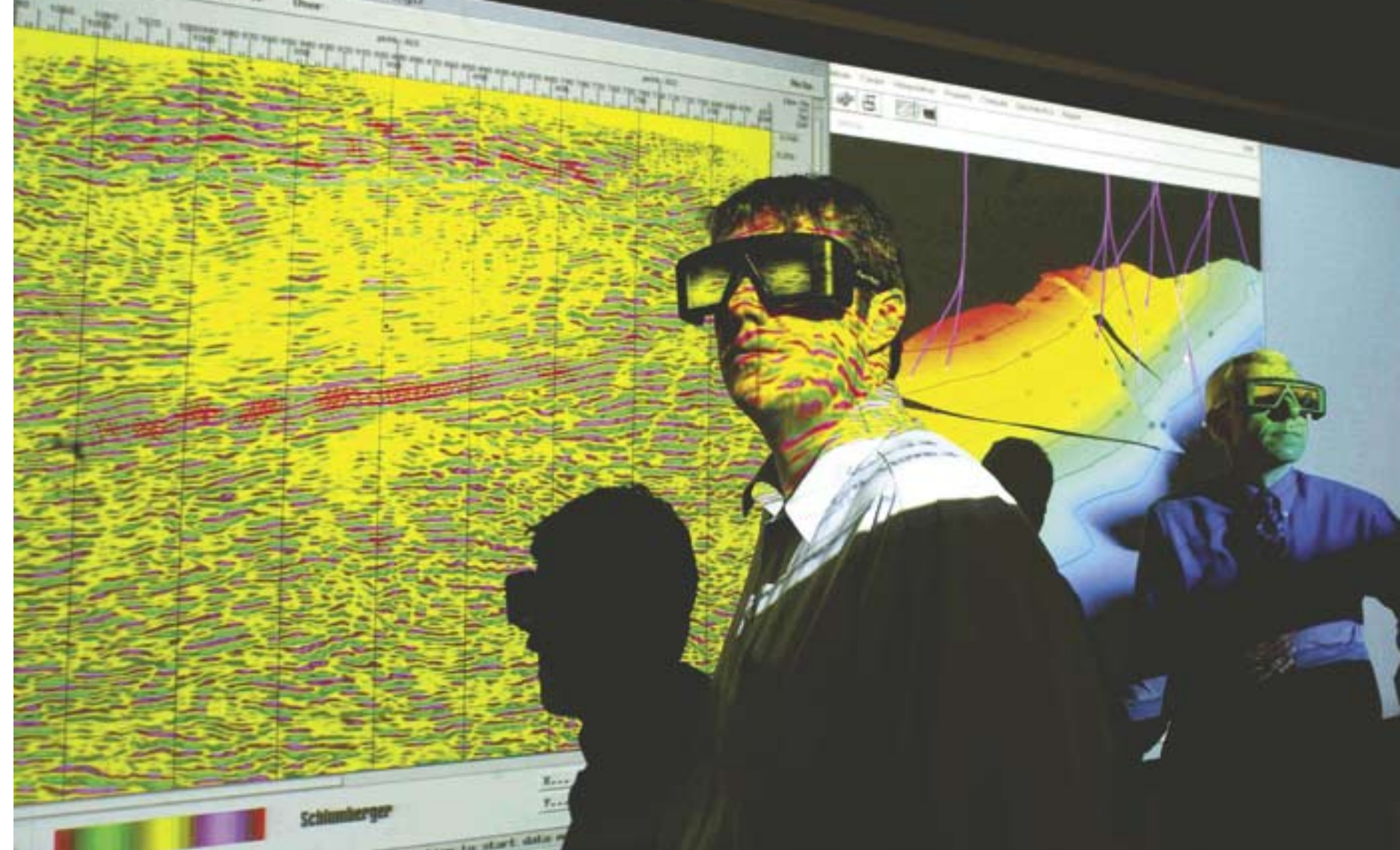
The finalists are: John Bromfield (Obstetrics & Gynaecology), Jonathon Hutton (Child Health Research Institute) and Amanda Sferruzzi-Perri (Obstetrics & Gynaecology).

For more information about the finals night contact Dr Edna Bates: (08) 8161 7165.

[www.health.adelaide.edu.au/yia2003/](http://www.health.adelaide.edu.au/yia2003/)



Jonathon Hutton, Amanda Sferruzzi-Perri and John Bromfield



# Adelaide links into world's biggest oil and gas company

The University of Adelaide and the world's largest oil and gas company, ExxonMobil, have established a new joint program for collaboration in educational and scientific research projects.

Above: Esso geophysicists in a 3D seismic visualisation centre. The centre assists geophysicists to visualise and analyse seismic data.

Photo courtesy of Esso Australia

Senior executives from ExxonMobil's US headquarters and its Australian subsidiary, Esso Australia, were in Adelaide last month to sign a formal agreement with the university and the newly formed Australian School of Petroleum.

The agreement provides a general framework that endorses the university as a potential participant in collaborative research and educational projects with ExxonMobil and its affiliates.

ExxonMobil will provide in-kind support including software and equipment from its global information network, to assist transfer of data and technical information. The funding arrangements will also support postgraduate research scholarships.

"By association, this link provides an even stronger connection between University of Adelaide students studying petroleum engineering and geoscience with an outstanding industry leader," said Professor John Kaldi, Head of the Australian School of Petroleum.

Professor Kaldi said the university's initiative in establishing the School in July this year had encouraged the new arrangement.

"The new School was formed by merging the School of Petroleum Engineering and Management and the National Centre for Petroleum Geology and Geophysics (NCPGG) to provide a rare blending of geoscience and engineering teaching and research," he said.

"Esso Australia, which had been involved with NCPGG for some years, welcomed the merger as an indication of the University's intention to build a broadly based petroleum centre in Adelaide. The School of Petroleum Engineering and Management was originally established with a generous gift from Santos, and the new School has taken that collaboration with Australian and global companies an important step further.

"While South Australia is not the largest petroleum producing state, the excellence of its education and research in oil and gas has obviously been recognised. This agreement with ExxonMobil reinforces Adelaide's vision to build a world-class petroleum school."

Esso has committed initial funding of nearly \$500,000 over the next three years towards the first projects to be supported under the scheme.

Projects already begun and supported through the arrangement with ExxonMobil cover many aspects of petroleum geoscience and engineering.

Australian School of Petroleum sabbatical programs will also provide opportunities for industry managers to participate in specialist courses, work on specific projects in its laboratories and gain access to highly qualified computer modelling teams and facilities. In turn, teaching and research staff will be able to gain further practical industry experience to stay in touch with new production needs and techniques.

# Chemical car goes the distance for engineering students



Winning team (from left) Henry Huang, Thoa Nguyen, Daniel Duffy and David To  
Photo by Ben Osborne

## Making a car travel 16.5 metres and then stop sounds simple enough.

But for a group of third-year University of Adelaide Chemical Engineering students, this task wasn't so easy.

For starters, their "car" is a model that has to fit in a normal-sized shoebox. The car has no steering, and no brakes. And lastly, it has no conventional engine, instead relying on a chemical reaction for its propulsion.

But Thoa Nguyen, Daniel Duffy, Henry Huang and David To were more than equal to the challenge recently, when they won the ChemECar Downunder competition for 2003.

They defeated five other teams of chemical engineering students from Australian and New Zealand universities at the final hosted by the University of Adelaide as part of the national Chemeca conference.

In the competition, teams must prepare a car with the specifications mentioned above. The cars must carry a load of water a prescribed distance—but the teams only find out how much water and the exact distance one hour before the competition starts.

The Adelaide team managed to get their entry to carry 300ml of water to within 14cm of their target of 16.5m.

Their car was based around a model aeroplane engine, and was powered by the combustion reaction between methanol and air. This reaction then powered a small propeller at the front of the car.

The "secret" to their success was using a plastic bag as a "reservoir" of air that controlled how much air was used in the reaction.

"We had done a lot of test runs which gave us a lot of data about how much air we might need to put in the bag for certain distances and loads, so once we knew how far we had to go and how much the load was, we could calculate how much air we needed," one of the team members, Daniel Duffy, said.

"Getting the car moving wasn't the main problem—it was getting it to stop!" said another member, Henry Huang. "Because it had no brakes we knew we had to be able to control the chemical reaction, and using the plastic bag as a reservoir of air definitely made this a lot easier."

ChemECar organiser and Chemical Engineering Lecturer at Adelaide Dr Peter Ashman said the students did an excellent job.

"The overall package was very impressive," he said. "The students worked very hard on their project and thoroughly deserved to win—and to do it on 'home soil' was an extra bonus!"

Story by Ben Osborne

# Young lawyers are masters of international experience

Five Adelaide lawyers have commenced their studies in the unique Master of Comparative Law degree jointly conducted by the universities of Adelaide and Mannheim, Germany.

Adelaide's Master of Comparative Law is the only program of its kind between an Australian and a German institution. Students complete one semester at Adelaide and one semester at Mannheim, combining coursework with a research thesis.

Mannheim is a leading university, referred to as the "German Harvard" by the German newspaper *Die Zeit*.

The program provides students with the rare opportunity of experiencing a European lifestyle and culture while deepening their knowledge in the comparative and international law area. Subjects offered include European Union law, international criminal law and diplomatic and consular law.

The five students departed Adelaide for Europe in early October after being awarded scholarships by the German Academic Exchange Service (DAAD) and the University of Mannheim's International Office. The scholarship includes travel costs, accommodation, and living expenses, with additional scholarships to study German language courses also offered.

Master of Comparative Law student Yasmine Mirza has a keen interest in alternative dispute resolution and has professional experience at Phillips Fox Lawyers and Cowell Clarke Commercial Lawyers in commercial litigation. She will specialise in Insolvency law. In addition to speaking German, she is fluent in Italian and speaks Indonesian. She lived and worked in north-eastern Italy for almost two years and is planning on establishing herself in Adelaide upon her return.



From left: Program coordinator Cornelia Koch with Masters students Indradeep Bhattacharya, Brendan Grigg, Sharon Kelsey, Ellie Palmer and Yasmine Mirza

Brendan Grigg has worked at the South Australian Crown Solicitor's Office since 1998 in the native title section. He speaks German and Italian, and lived and studied in Italy for a year. In September 2001 he travelled to New York to undertake an internship with the United Nations.

Ellie Palmer has a keen interest in international law and aspires to work for the International Court of Justice. She worked for the Southern Cross Group on issues involving the mobility of Australians overseas. She was offered an internship with the Group in Brussels where she lived and worked on European Union issues for 12 months last year. In addition to studying the German language in Germany, she also speaks French.

Indradeep Bhattacharya is currently completing his honours thesis in law

at the University of Adelaide. He was a member of the 2002 Jessup International Law Moot team, representing Australia in Canberra in the semi-finals. He has a strong focus on developing a career in international law, is particularly interested in European laws and aspires to work at the English Bar. Indradeep will commence working for Kelly & Co early next year. He speaks Indian and will study the German language in Mannheim.

Sharon Kelsey's background is occupational health and safety, having studied in Australia, Japan and the USA. She undertook a Bachelor of Laws to gain an insight into the legal complexities of occupational health and safety and hopes the Master of Comparative Law will enable her to bring a valuable international perspective to her specialised field of work.

The Masters program coordinator is Ms Cornelia Koch. Her background serves her well in this role as she is a native of Mannheim and holds law degrees from both Germany and Australia, including a Master of Comparative Law degree from the University of Queensland. In 2001 and again this year she conducted research at Mannheim's law school.

Apart from Australian and German candidates, Ms Koch said the program had so far attracted lawyers from Ireland, the USA, Nigeria, China, Poland and Bulgaria. This international composition of candidates gave students the opportunity to make invaluable international contacts and get a deeper understanding of various cultures, she said.

The cut-off date for applications to the Masters program in semester one 2004 is November 30.



## \$10.7m research funding to make an impact

Industry, the environment, the community and culture—they all stand to gain from the latest research projects funded at the University of Adelaide.

The university's standing as an international-class research institution has been further underlined after winning more than \$10.7 million in the most recent funding round from the Australian Research Council (ARC).

Adelaide will receive the funding in three main areas:

- \$5.19 million for 16 research projects in large "Discovery" grants;
- \$3.75 million for 13 research projects in partnerships with industry and research organisations, known as "Linkage" grants;

- \$1.60 million for infrastructure, equipment and facilities in four projects to be based at the University of Adelaide.

The university continues to achieve excellent funding results relative to its size.

In addition to receiving the second-highest funding for Linkage grants in the country, the university received the seventh-highest amount of funding for Infrastructure grants.

Adelaide also performed well at a State level, winning 13 out of 18 Linkage grants and 16 out of 35 Discovery grants.

Adelaide was also one of only three universities in Australia to receive a special Discovery grant for indigenous researcher development.

"We are very happy that the Australian Research Council continues to acknowledge the exceptional work our researchers are doing," Vice-Chancellor Professor James McWha said.

"I am particularly delighted that we have performed so well in the area of Linkage grants.

"To receive the second-highest amount of Linkage grant funding in the nation highlights not only how

much importance we place on our partnerships with industry and other research organisations, but also how successful these partnerships are becoming."

Some of the major projects funded at the University of Adelaide include:

- four separate projects underpinning the mineral exploration and energy industries with total combined funding of \$1.72 million, including a \$696,000 infrastructure grant for the South Australian Virtual Reality Centre to be established with industry and research partners at the University of Adelaide;
- a Discovery grant of \$625,000 over five years for an ethnographic history of the Wik region in Queensland;
- a Discovery grant of \$224,000 over three years to examine temporary migration's impact on Australia;
- a \$490,100 Linkage grant to deliver quality of service over Internet provider networks; and
- a \$261,400 Linkage grant to develop a new model to assess the support needs of people with disabilities.

## Brent has four times the research success

The latest round of ARC funding has brought four times the joy to one University of Adelaide researcher.



Dr Brent Kaiser, a lecturer at the university's School of Agriculture and Wine (Discipline of Wine and Horticulture), is chief investigator in two successful projects and co-investigator in another two (one of which is listed under the institution of the chief investigator, the University of Western Australia).

It's not bad going for someone who only started at the university in February this year!

Originally hailing from Canada, Dr Kaiser is a plant molecular

biologist who completed a PhD at the Australian National University in 1999 and has since worked in his homeland, France and now back in Australia.

His three University of Adelaide projects were awarded a total of almost \$750,000 in ARC funding. The projects are also significant because they form the "trifecta" of available ARC funding: a Discovery grant, a Linkage grant and a Linkage Infrastructure, Equipment and Facilities grant.

Dr Kaiser's projects were:

- a \$225,000 Discovery grant over three years to investigate improving nitrogen use in crop plants;
- a one-off \$301,921 Linkage Infrastructure, Equipment and Facilities grant to purchase: state-of-the-art robotic equipment for high-throughput DNA analysis to simplify gene selection and screening, a sensitive nucleic acid and protein imaging system, and a reconfigurable computing platform for bioinformatic research;
- a \$210,000 Linkage grant over three years with chief investigator Professor Margaret Sedgley investigating the self-fertility of almonds;
- a \$450,000 Discovery grant over three years with chief investigator Professor David Day of the University of Western Australia.

Based at the Waite Campus, Dr Kaiser said he was pleased to receive funding for all four projects he applied for, and that he was excited about the partnerships with other chief investigators his research involved.

"My Discovery grant involves working with a researcher in Canada who uses a cyclotron (particle accelerator) to generate short-lived isotopes to study real-time nitrogen transport in plants," he said.

"The Infrastructure grant is very exciting, because it won't be helping just my research. There are a whole host of organisations and individual groups, like the new Australian Centre for Plant Functional Genomics and the Australian Wine Research Institute, who are co-investigators on the grant, that will be able to benefit from automating what used to be a labour-intensive and time-consuming chore for humans."

The four research projects come on top of an already hectic schedule which includes lecturing and supervising numerous postgraduate students—but Dr Kaiser wouldn't have it any other way.

"It's certainly going to keep me busy for the next few years," he said. "I enjoy my teaching and my research, and I'm going to be doing a lot of both for a while!"

Story by Ben Osborne

It is easy to overlook a project receiving only \$33,512 in the latest ARC funding round when other projects receive many hundreds of thousands of dollars.

But the Indigenous Researchers Development grant given to Gender Studies PhD student Sonja Kurtzer is quite significant.

It was one of only three given nationwide this year, and Ms Kurtzer is the University of Adelaide's first such recipient.

She will use the funding to help with her PhD research, which is examining the issues of identity, place and belonging in recent works of Australian autobiography, including works by indigenous writers.

"I think these are really important issues at the moment," she said. "For my research, I'm particularly interested in the relationship between indigenous and non-indigenous people and how indigenous writers are interpreting this.

"Writers such as Kim Mahood and Fabienne Bayet-Charlton are still feeling the need to speak about these issues because, like a lot of Australians, they are personally affected by them."



# Nutrition, health to benefit from research links

“Let food be thy medicine and medicine be thy food.”

This maxim, by Greek physician Hippocrates, the founder of modern medicine, is being taken into the 21st century by the University of Adelaide and CSIRO thanks to a visionary research partnership designed to advance the understanding of the relationships between nutrition and health.

The new alliance aims to use modern scientific techniques such as genomics (the study of all the genes of a living organism) and proteomics (the study of proteins produced by cell type and organism) to develop novel nutritional approaches for the management of disease.

“The alliance brings together the expertise of both institutions to enable us to better understand the effect of different foods in our bodies—at the level of protein molecules being expressed in cells and tissues,” said Professor Edwina Cornish, the University of Adelaide’s Deputy Vice-Chancellor (Research).

“This new research is the latest development in a long and proud tradition of research on food and nutrition in South Australia.

“From the research of the Adelaide Botanic Gardens in the 19th century on new crop plants, to the efforts of Professor T. Brailsford Robertson who produced the first insulin in Australia in the 1920s, to Professor Basil Hetzel’s research on thyroid disorders and human iodine deficiency, Adelaide has been at the forefront of research in this field,” she said.

More recently, in 2002 the University of Adelaide and CSIRO Health Sciences and Nutrition jointly funded the establishment of the \$200,000 Brailsford Robertson Award to promote collaborative research in the life sciences with particular emphasis on food, nutrition and health.

“While the importance of diet to maintaining good health has long been recognised, researchers now



believe that diet may also be modified to treat chronic disease,” Professor Cornish said.

“It is known, for example, that an excess of certain types of dietary fats may increase the risk of heart disease and cancer, while others may be protective. Many of the foods we eat produce active compounds that, when tested in the laboratory, appear to be beneficial in reducing the risk of bowel cancer.”

It is now possible to identify, using new technologies, the relationship between genetic make-ups, responsiveness to food components

and vulnerability to or protection from disease.

“Definition of the activities of food components will allow improvement in health through dietary modification and fortification, the production of novel foods, and development of ‘nutraceuticals’, or ‘functional foods’ (foods designed to have specific health effects),” she said.

The first new project under the Adelaide-CSIRO alliance involves CSIRO funding of a post-doctoral fellow for three years to drive research into nutrient-proteome interactions.

# Deputy VC takes senior job at Monash



The University of Adelaide’s Deputy Vice-Chancellor (Research), Professor Edwina Cornish, has been appointed to the equivalent role at Monash University in Victoria.

A leading biotechnologist, Professor Cornish has been DVCR at the University of Adelaide since February 2000. She joined the university from Melbourne-based biotechnology company Florigene Ltd.

“Over the past three years, Professor Cornish has played a leading role in the advancement of research and research education programs at the University of Adelaide, and in South Australia’s research community generally,” Vice-Chancellor Professor James McWha said.

“Her contribution to this university, particularly through her leadership on a number of collaborative research ventures and in research commercialisation, will have a lasting impact on the University of Adelaide in the 21st century.”

Professor Cornish’s key achievements in her time at Adelaide include: a 33% increase in research revenue (from \$59.3 million to \$78.9 million); an increase in enrolment of domestic research students; a restructure of commercialisation activities at the university; a restructure of the Faculty of Sciences; and improved collaboration with other South Australian and national research bodies.

“These three years at Adelaide have been a great source of pride for me, not just in terms of the many high-profile achievements that I’ve witnessed over that time but also because I know that the quality of research and research education at the University of Adelaide is of an international standard,” Professor Cornish said.

“It has been a pleasure to see the successes of so many talented staff and students, and to oversee the beginnings of new research collaborations that will enhance Australia’s reputation for quality research and innovation.”

Professor Cornish will remain at the University of Adelaide until the end of the year.

# Young entrepreneurs win \$70,000 challenge

Five young South Australians have taken a major step closer to seeing their business dreams become reality.



The five are members of a business team called Genii, which has won the University of Adelaide’s \$70,000 Entrepreneurs’ Challenge (EChallenge) for 2003.

The EChallenge is a competition in which teams—including at least one University of Adelaide student—come up with new business ventures that have real commercial value.

Genii’s business idea is a location device no bigger than a 20-cent coin that could help improve safety at ski resorts. It could also be used as a cashless point-of-purchase for all locations within the resort, freeing consumers of the worry of carrying cash and credit cards.

“With our product, there is no search and rescue—only rescue,” said winning team member Austin.

Among the five-member Genii team are two current University of Adelaide students and one graduate: Monique Bowley, studying for a Media Studies degree, Commerce/Law student Rebecca Schwartz, and Commerce/Law graduate Jason

Watson. The other team members are Andrew Hardacre and Austin.

“Winning the EChallenge is a great stepping stone for Genii,” Austin said. “The prizes supplied from [major sponsor] Hewlett-Packard, Deloitte Touche Tohmatsu and the other fantastic sponsors will enable Genii’s dedicated and talented team to take the next important steps in its development.”

As winners of the 2003 EChallenge, Genii receives \$50,000 in cash and prizes, and a chance at taking their business idea to the next level.

From right: Winning team members Austin, Rebecca Schwartz, Andrew Hardacre, Monique Bowley and Jason Watson, with EChallenge project manager Marissa Haltis. Photo by Phil Martin

The runners up were GeneSense, winning \$17,000 for second place, and Bioprotective Innovations, with \$6000 in cash and prizes for third. The Sahara Lounge won the \$1000 People’s Choice Award.

EChallenge project manager and University of Adelaide Commerce/Law student Marissa Haltis said the winning teams represented South Australia’s best and newest entrepreneurs.

“When you consider the calibre of the competition, with 60 teams originally competing and the overall quality of

the finalists, our three winning teams have made a remarkable effort,” Ms Haltis said.

“We hope that EChallenge will be the catalyst these teams need to go out and succeed with their business ventures, and we are proud that the competition has helped to develop entrepreneurial skills in a new generation of South Australians.

“We wish Genii all possible success with their new venture, which has the potential to make a huge impact on resort operations and patron safety worldwide.”

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## Free Public Lectures

**3.30pm, Wednesday, November 12**

“Dedication to Innovation in Science and Technology: the Chinese Academy of Sciences”

by Professor and Dr Ing Lu Yongxiang (Vice Chairman of the Standing Committee of the National People’s Congress of the People’s Republic of China, and President of the Chinese Academy of Sciences)

Council Room, Level 7, Kenneth Wills Building University of Adelaide

**5.30pm, Monday, November 17**

Free public lecture as part of “Trev Fest”, a Symposium in Honour of Emeritus Professor Trevor Wilson

by Robin Prior (Head, School of Humanities and Social Sciences, Australian Defence Forces Academy)

Napier Lecture Theatre 102, Napier Building University of Adelaide

# Plant biotech cultivates brain gain: new director

South Australia's international reputation for research into plant biotechnology is resulting in a "brain gain" for Adelaide.

That's according to the newly appointed Director of the Waite Agricultural Research Institute, the University of Adelaide's Professor Geoff Fincher.

The Waite Institute, established in 1924, has long been recognised as the premier agricultural research precinct in the southern hemisphere.

As its new Director, Professor Fincher is charged with the task of further enhancing the research and education capabilities of the University of Adelaide's Faculty of Sciences on the Waite Campus, and extending the strong linkages between the university and its co-located partners at the Waite.

"Our strong track record in agricultural research and biotechnology is having a major effect, with key international scientists being attracted to Adelaide," Professor Fincher said.

In fact, the recent appointment of two leading researchers from the UK sparked a story last month in *The Guardian* newspaper with fears

of a brain drain to Australia. Dr Mark Tester from Cambridge has received a Federation Fellowship from the Australian Government and will be based at the new \$35 million Australian Centre for Plant Functional Genomics at the Waite, while Professor Wayne Powell from the Scottish Crop Research Institute has been appointed the new Head of the School of Agriculture and Wine.

"At the Waite, our reputation for agricultural technology is not just a historic one—it continues to flourish and grow with every new student and staff member who comes here, and with every new discovery," Professor Fincher said.

"Our reputation is bound to attract some of the best people in the world, and Dr Tester and Professor Powell are certainly among them.

"There is often much discussion about 'brain drains' from Australia, but we know that further developments in agricultural biotechnology will only lead to a 'brain gain' for Adelaide and Australia," he said.



Director of the Waite Agricultural Research Institute, Professor Geoff Fincher

Prior to his appointment as Director of the Waite Institute, Professor Fincher spent 10 years as Head of the university's Department of Plant Science.

Professor Fincher has a distinguished research career in cereal science and technology both in Australia and abroad, and he was one of the principal applicants for the Australian Centre for Plant Functional Genomics (ACPGF) based at the Waite Campus. He is now Deputy CEO of ACPGF Pty Ltd.

"Under the directorship of Professor Fincher, the Waite Campus will

continue to provide world-leading research and teaching in a host of agricultural disciplines—including plant breeding technologies, plant functional genomics, integrated pest management, earth sciences, horticulture, oenology (winemaking) and viticulture," said the Executive Dean of the Faculty of Sciences, Professor Peter Rathjen.

"This is an exciting time not just for the University of Adelaide but also our campus partners, industry and government, as the Waite continues to show the world what we are capable of."

# Ugly Man pays a visit to Adelaide

A dramatic feast is in store with the University of Adelaide Theatre Guild's final production for 2003, *The Ugly Man*.



Directed by Geoff Crowhurst and written by Canadian playwright Brad Fraser, *The Ugly Man* is a darkly-humoured and occasionally shocking play which marks the Theatre Guild's debut into the Feast Festival.

Based loosely on the 17th century tragedy *The Changeling*, *The Ugly Man* is set somewhere in the south of the USA, where an enigmatic and scarred man drifts onto a

farm one oppressively hot stormy summer. Unacknowledged passions and desires surface, a dark repressed savagery is exposed and pent-up frustrations reach flashpoint.

*The Ugly Man* is the second play Mr Crowhurst has directed with the Guild in 2003, and follows on from his success with *Equus*.

He describes the play as "black comedy peppered with shock and schlock".

"Despite the Gothic humour of the murder, gore and vengeance, there is a serious core to the play and with the intrigue and tension, the audience is never quite sure where it's heading," he said.

*The Ugly Man* cast comprises Nick Bennett, Irena Dangov, Scott Edwards, Tamara Lee, Emma Marshall, Roger Priess and Tim Ross and features original music by Ben Flett.

*The Ugly Man* will be performed at the Little Theatre on Saturday November 1, Tuesday-Saturday November 4-8, and Tuesday-Saturday November 11-15. Tickets are \$20/\$15 and are available from BASS on 131 246, or the Theatre Guild on (08) 8303 5999 or online at [www.adelaide.edu.au/clubs/theatreguild](http://www.adelaide.edu.au/clubs/theatreguild)

## Evening concerts leave 2003 with Whitman-inspired classic

The final concert in the Elder School of Music's Evening Concert Series will be held on Saturday, November 29 at 8.00pm in Elder Hall.

The entire program will consist of Ralph Vaughan Williams's *Symphony No. 1, A Sea Symphony*. This is the only large-scale choral orchestral program presented in Adelaide this year.

The concert will feature the Elder Conservatorium Symphony Orchestra, the Elder Conservatorium Chorale, Adelaide Voices and Bella Voce conducted by the Elder School of Music's resident conductor, Keith Crellin.

The text for *Sea Symphony* is taken from Walt Whitman's collection *Leaves of Grass*, which encompasses everything from descriptions of ships at sea, daring explorers and innovators, introspection on the meaning of progress, the Second Coming, and a transcendent final voyage to the afterlife!

Williams's piece was his first symphonic work and had its premiere in the Leeds Festival in 1910.

The Chorale-Orchestral Finale of 2002 sold out, so please book early to ensure a seat, as this concert promises to be just as popular and is a fitting conclusion to this year's Evening Concert Series.

Tickets are \$22 adult/\$14 concession/\$8 student from all BASS outlets or dial'n'charge on 131 246.

University of Adelaide staff at concession prices on presentation of Staff Card.

## Coming Events

### Sunday, November 2

**11am Waite Arboretum guided walks:** "Waite Arboretum eucalypt collection" with Dean Nicolle (PhD student, Flinders). Urrbrae House, Waite Campus.

### Monday, November 3

**1pm Pharmacology seminar:** Research Colloquium. O&G-Pharmacology Seminar Rm, Lvl 6, Medical Building North, Frome Rd.

### Tuesday, November 4

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

### Thursday, November 6

**1pm Chemical Pathology seminar:** "Groundwater - its impact on the River Murray" by Russell Martin (DWLBC).

Seminar Rm 1, 4th Floor, Reiger Building, Women's & Children's Hospital.

### Friday, November 7

**1.10pm Elder Hall Lunch Hour Concert:** Benjamin Martin (piano). Elder Hall. Tickets \$5 at door from 12.30pm.

**1.10pm Wine and Horticulture research seminar:** "Improving the resolution of ion transport measurement" by Dr Matthew Gilliam (Plant Sciences, Cambridge). Plant Research Centre Auditorium, Waite.

**4pm Obstetrics & Gynaecology seminar:** "Small and large encounters where forces act" by Professor John Ralston (Ian Wark Institute, UniSA). Seminar Rm N229, Level 2, Medical School North, Frome Rd.

### Sunday, November 9

**11am Waite Arboretum guided walks:**

"Living descendants of fossil genera" with Professor Bob Hill (School of Earth and Environmental Sciences). Urrbrae House, Waite Campus (enter from Fullarton Rd).

### Tuesday, November 11

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

### Wednesday, November 12

**3.30pm Free Public Lecture:** "Dedication to Innovation in Science and Technology: the Chinese Academy of Sciences" by Professor Ing Lu Yongxiang (Vice Chairman, Standing Committee of the National People's Congress of the People's Republic of China, and President of the Chinese Academy of Sciences). Council Rm, Level 7, Wills Building.

### Thursday, November 13

**1pm Centre for Molecular Genetics of Development seminar:** "Metastable epialleles in mammals" by Associate Professor Emma Whitelaw (University of Sydney). Seminar Rm 1.02, Molecular Life Sciences Building.

**1pm Chemical Pathology seminar:** "Nano Technology, the way of the Future?" by Dr Martin Johnston (Chemistry, Flinders University). Seminar Rm 1, 4th Floor, Reiger Building, Women's & Children's Hospital.

### Friday, November 14

**1.10pm Elder Hall Lunch Hour Concert:** Adelaide Voices, Adelaide Chamber Singers, with Carl Crossin (conductor). Elder Hall. Tickets \$5 at door from 12.30pm.

**6pm Young Investigator Awards:** finals presentations, featuring guest speaker Tony Agars (News Director, National Nine News, Adelaide). Napier Lecture Theatre 102, Napier Building. RSVP required by Nov 5: phone Edna Bates on 8161 7165.

### Sunday, November 16

**11am-5pm Waite Arboretum 75th Anniversary celebrations:** guided walks (11.30am and 2pm), musical performances, art and craft displays, fossil plants, heritage roses, plant and book sale, food and drink, and more! Free admission. Urrbrae House, Waite.

### Monday, November 17

**1pm Pharmacology seminar:** Dr A. Bruce Lyons (Melissa White Leukaemia Research Laboratory and Detmold Family

Imaging Centre, Hanson Institute). O&G-Pharmacology Seminar Rm, Level 6, Medical School North, Frome Rd.  
**5.30pm "Trev Fest" Free Public Lecture:** Robin Prior (Head, School of Humanities and Social Sciences, Australian Defence Forces Academy). Napier Lecture Theatre 102, Napier Building.

### Tuesday, November 18

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

### Thursday, November 20

**1pm Chemical Pathology seminar:** "Interrogating Low Volatility Compounds in the Gas Phase using liquid micro jets" by Associate Professor Mark A. Buntine

(School of Chemistry & Physics, University of Adelaide). Seminar Rm 1, 4th Floor, Reiger Building, WCH.

### Friday, November 21

**1.10pm Elder Hall Lunch Hour Concert:** David Galliver Memorial Awards. Elder Hall. Tickets \$5 at door from 12.30pm.

### Sunday, November 23

**11am Waite Arboretum guided walks:** "Trees for streets" with David Lawry (founder, TREENET). Urrbrae House, Waite Campus (enter from Fullarton Rd).

### Tuesday, November 25

**7.30pm Musicological Society, SA Chapter:** Mark Smith and Richard Hornung. Rm 1107, Schulz Building.

### Thursday, November 27

**1pm Chemical Pathology seminar:** "Source to the Sea, the story of the Murray River boats" by Ian Doyle (documentary maker & historian, Managing Director, Doyle Media Services). Seminar Rm 1, 4th Floor, Reiger Building, Women's & Children's Hospital.

### Saturday, November 29

**8pm Elder School of Music Evening Concert Series:** Elder Conservatorium Symphony Orchestra and Chorale, Adelaide Voices and Bella Voce. Elder Hall. Tickets \$22adults/\$14concession/\$8student from BASS: 131 246. University of Adelaide staff at concession prices on presentation of staff card.



## Obituary

### James Hamilton (Jim) Newland (1913 – 2003)

The University of Adelaide Roseworthy community was saddened to hear of the recent death of Mr James Newland. He graduated with a Diploma of Agriculture in 1935, after which Jim established a successful farm in the South East near Naracoorte. During his time at the Roseworthy Campus he was actively involved in the Social Committee, assisting with the College's jubilee year dinner in 1933, athletics and a longstanding member of the Intercollegiate Rifle Team. Jim was also a trooper in the College's Light Horse Mounted Machine Gun Section.

Jim and his wife Mildred had four children: Clive, Ian, Brian and Helena. Both Clive and Ian are Roseworthy graduates and his grandson Andrew and his wife Kath carried on the Roseworthy tradition, a generation later. Mildred died in January this year, aged 84.

James Newland was a passionate Roseworthy Agricultural College graduate. On display in his home Mr Newland had an art print of the Main Building, which he said constantly reminded him of the absent clock. In late 2002, James decided that he was going to make a gift of the clock to the university. The installation of this state-of-the-art Swiss precision clock, which adjusts automatically by a global positioning system connected to Greenwich Mean Time, together with the bell system, took place in March this year.

Due to failing health, James unfortunately was unable to participate in the inauguration ceremony of the clock on March 12. However, the ceremony was videotaped and the day before Jim's 90th birthday, Bernard Arnold of the Roseworthy campus, who had been instrumental in the commissioning of the clock, and Judith Edwards



from the Alumni office, visited Mr Newland at his aged care facility and presented him with the video. James was delighted to see the clock (pictured above right) and asked for the video to be replayed to ensure that he did not miss anything. He was thrilled at the prospect of being able to keep the video to show to his family.

On Wednesday, November 12, members of the Newland family will visit Roseworthy to see the clock

gifted by their parents and view the plaque on the Main Hall honouring this gift. Andrew Newland, James's grandson, said one of the last things his grandfather asked him was: "How's that clock going?"

Mr Newland's commitment to and involvement with the University of Adelaide is highly visible today at Roseworthy. He will be remembered with great respect for his dedication to the completion of the Main Building at Roseworthy.



## Alumni News

# Uni spirit still strong 50 years on



Above: Adelaide graduates Lois Dyster and husband Tom (BA 1953) at the Golden Jubilee, and a photo taken on Tom's graduation day with Lois and their eldest daughter, Jennifer – all graduates of the University of Adelaide.

Left: More than 100 University of Adelaide graduates are joined by university staff and guests for the Golden Jubilee celebrations.

More than 100 University of Adelaide graduates returned to their alma mater last month to celebrate a milestone.

They were all graduates of 1953, making this year the Golden Jubilee of their graduation.

In all, 105 alumni were welcomed back to the University of Adelaide for the celebration on October 10.

The graduates, in full academic dress, were re-presented to the Vice-Chancellor, Professor James McWha, during the Commemoration Ceremony in Bonython Hall.

Dr Jeanette Linn OAM provided the Golden Jubilee address highlighting the unique community that existed on campus during that period and in particular the wonderful blending of returned servicemen and women and recent school leavers.

Graduates and their guests rekindled old friendships and reminisced about their days at the university during a reunion luncheon.

The biographies and memories of university days sent in by graduates for the reunion booklet highlighted the vibrant campus culture that brought together students from different disciplines, and the significant impact those graduates have made. This impact has occurred not only in their chosen professions but also through many spheres of society in so many ways over the past 50 years.

## 03 Alumni Events

### Cornell Chapter Annual Dinner and AGM

Featuring the ASQ performing a Brahms quartet, and Robyn Layton QC speaking on "Child Protection: Everybody's Business".

Date: Friday 7 November 2003

Time: AGM 6.30pm, Dinner at 7.00 for 7.30pm

Venue: Ball Room at St Mark's College, 45 Pennington Terrace, North Adelaide

Cost: \$45.00 (incl. GST), BYO

RSVP: Bookings must be made by Monday, 3 November to the Alumni, Community Relations and Development Office. Ph 8303 5800 or email [alison.wood@adelaide.edu.au](mailto:alison.wood@adelaide.edu.au).

### Florey Chapter AGM and Medical Vignerons Luncheon with Dr Lindsay Barrett

The Florey Medical Chapter invites staff, students and friends to join them for a delicious luncheon, wines from Barrett Limited Edition Wine and a presentation by Dr Barrett, "From Water to Wine".

Date: Sunday 16 November 2003

Time: AGM 11.30am, Lunch 12.30pm

Venue: Glenelg Golf Club, James Melrose Drive, Glenelg

Cost: \$40 (includes Wine and GST)

RSVP: Friday 7 November to the Alumni, Community Relations and Development Office. Ph: 8303 5800 or email [alison.wood@adelaide.edu.au](mailto:alison.wood@adelaide.edu.au).

### Flight of Ideas Chamber Choir - PRAISE O' DO'SET

End the season with a very special event – the evocative poems of Dorset poet William Barnes, set to music (Vaughan Williams' Linden Lea is the most famous) and read aloud by the incomparable Tom Burton, in the stunning Reading Room of the Barr Smith Library. Unwind after work with this short, sweet performance and join the choir afterwards for a complimentary glass of bubbly.

Date: Friday 28 November

Time: 6pm

Venue: Reading Room, Barr Smith Library (Entry to the concert via the Library's Eastern Door)

Cost: Single tickets: \$15 full / \$12 conc / \$10 Friends of the University of Adelaide Library. Tickets available at the door on the night or pre-book by phoning Celia on 0414 014 144 or emailing [flight@picknowl.com.au](mailto:flight@picknowl.com.au)

### MBA Alumni Association – Professional Development Sessions

Dinner with Dr Malcolm Guy speaking on Corporate Social Responsibility

Date: Thursday 6 November

Time: 7pm for 7.30pm start

Venue: Martini Cafe, 59 The Parade, Norwood

Cost: \$50 (includes entrée, main and non-alcoholic drinks)

RSVP: Monday 3 November to [alison.wood@adelaide.edu.au](mailto:alison.wood@adelaide.edu.au)

Places are limited to 20 so book early!

### Seminar with Mr Tom Phillips, CEO Mitsubishi Australia

Date: Wednesday 19 November

Time: 6pm

Venue: Seminar Room, Level 3, Security House, 233 North Tce

Cost: \$10

RSVP: Monday 17 November to [alison.wood@adelaide.edu.au](mailto:alison.wood@adelaide.edu.au)

### Professional Development Seminar on Operations Excellence

(Speakers from Hills, Holden, Ratbag and The University of Adelaide)

Date: Saturday 29 November

Time: 1.30pm - 4.30pm (or 5pm)

Venue: Seminar Room, Level 3, Security House, 233 North Tce

Cost: \$25

RSVP: Wednesday 26 November to [alison.wood@adelaide.edu.au](mailto:alison.wood@adelaide.edu.au)

### Architecture Chapter – Face to Face Series

"Architecture of the World"

Dr Samer Akkash, Senior Lecturer in the School of Architecture, Landscape Architecture and Urban Design will be giving a seminar discussing Islamic design on Wednesday 26 November.

For further information please contact Alison Wood at the Alumni, Community Relations and Development Office on 8303 3306 or [alison.wood@adelaide.edu.au](mailto:alison.wood@adelaide.edu.au).

## Alumni chapter news

### Regional Chapters

#### Professional Development in Port Augusta

The Port Augusta alumni network recently held a successful Professional Development workshop entitled Leadership, Change Management and Management.

The event involved alumni from all three South Australian universities, and is an annual addition to the Port Augusta network's calendar of events.

For more information about the activities of the Port Augusta network, please contact Alumni Relations Officer Benjamin Leske on (08) 8303 3317 or via email: [benjamin.leske@adelaide.edu.au](mailto:benjamin.leske@adelaide.edu.au)

### International Chapters

#### A Consular Affair in New York City!

Monday, November 3 is the University of Adelaide's first gathering of alumni living and working in the United States of America.

Vice-Chancellor Professor James McWha will attend the reception at the Australian Consulate General, New York City, generously hosted by the Honourable Kenneth C. Allen, Australian Consul-General in New York. The Hon. Ken Allen is an economics graduate of the University of Adelaide.

For more information about the event, or the activities of the alumni network in the USA, please contact [benjamin.leske@adelaide.edu.au](mailto:benjamin.leske@adelaide.edu.au)

### Big attendance at Crawford Lecture

The Annual General Meeting of the West Malaysia Chapter was held on October 31, at the Royal Lake Club, Kuala Lumpur, Malaysia.

This follows the Chapter's involvement in the inaugural James Crawford Lecture. The lecture, coordinated by the University of Adelaide Law School, was linked using video-conferencing facilities from Adelaide to the theatre of the Australian High Commission, Kuala Lumpur.

The event was very well attended and rounded off with a cocktail party hosted by the High Commission (pictured, above right).

Pictured (below, from left) is Professor Crawford in Adelaide, with Professor Paul Fairall, Dean of the Adelaide Law School, and Vice-Chancellor Professor James McWha.





# Rhodes scholar follows in Bob Hawke's footsteps

Phillip Killicoat from Bordertown, South Australia, has become the latest University of Adelaide student to receive the prestigious Rhodes Scholarship.

Phillip, 23, is the second person from Bordertown to become a Rhodes Scholar, the first being former Prime Minister Bob Hawke (Rhodes Scholar for Western Australia, 1953).

This year is the 100th year of the Rhodes. During that time more than 90 University of Adelaide students have been recognised with Rhodes Scholarships.

The scholarship, to study at Oxford University in the UK, is one of the world's most prestigious scholarships and is offered annually in every State in Australia, plus three for Australia at large. Winners of the Rhodes are not only gifted students but must also demonstrate excellence in sporting and/or community endeavours.

Phillip Killicoat is a graduate of Bordertown High and also completed some Year 12 subjects by correspondence through Open Access College. He won the prestigious C.A.S. Hawker Scholarship, which allowed him to become a resident at St Mark's College while studying at the University of Adelaide.

He has already graduated with two degrees: a Bachelor of Arts (International Studies) and a Bachelor of Economics, in which

he was awarded the Citigroup Australia Prize for being the top graduate in Economics. This year he is completing his Honours in Economics.

Phillip is a former State Triathlon Champion and national representative in Duathlon. He has also contributed to a number of community organisations and charities through volunteer work.

"It is a great honour to win the Rhodes Scholarship, not just because I'll be representing South Australia but also country South Australia," Phillip said.

He said living at St Mark's College had not only been of "tremendous help" to his studies but has also been important "in maintaining the kind of well-rounded experience that Rhodes required of his scholars".

The campus life of the University of Adelaide has also been a major contributor to his success.

"The academic standing of the university is very high, with outstanding teachers that have made my learning experience all the more rewarding," he said.

"As well as being strong academically, the University of



Adelaide also has an active campus life, and I've thrown myself into it, especially the triathlon club and the debating society.

"Those extra-curricular activities have been all-important in helping to develop a range of skills and experiences. For me, going to university is not just about earning a degree."

Thanks to the Rhodes Scholarship, in 2004 Phillip will study for a Masters degree in Economics at Oxford. Prior to that he will take up a three-month internship with the United Nations' Food and Agriculture Organization in Rome, which aims to alleviate world hunger and improve nutrition in Third World nations.

University of Adelaide Vice-Chancellor Professor James McWha congratulated Phillip on his scholarship win.

"The award of a Rhodes Scholarship is a very significant achievement which reflects on the all-round attributes of the awardee and also on the institutions where studies were undertaken," Professor McWha said.

"The University of Adelaide is proud of its Rhodes Scholars and I am sure that Phillip will be a worthy successor to the long line of Rhodes Scholars from this university, some of whom are currently among our fine academic staff."

Story and photo by David Ellis

## String quartet ends the year with passion

Fresh from their successful seven-week tour of Europe, the UK and Asia, the Australian String Quartet is finishing the year in Adelaide with power and passion.

The ASQ is Australia's only professional full-time string quartet, and is quartet-in-residence at the University of Adelaide's Elder School of Music.

For their final concert in the 2003 subscription season on November

10, the quartet will be joined by two special guests—Brett Dean (viola) and David Pereira (cello)—in a performance of Schoenberg's emotionally charged *Verklärte Nacht* (Transfigured Night).

Haydn's *Opus 33 No 6* quartet—which inspired Mozart to return to writing for quartets—and Brahms' glowing *String Quartet in A*, written in the autumn of his life, complete the concert.



7pm Monday, November 10  
Adelaide Town Hall  
wine-tasting from 6pm,  
pre-concert talk at 6.10pm  
phone BASS on 131 246 or  
visit: [www.bass.net.au](http://www.bass.net.au)

ASQ season 2004 is now on sale.  
Call 1800 040 444 or  
visit: [www.asq.com.au](http://www.asq.com.au)