

Adelaidean

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News from Adelaide University

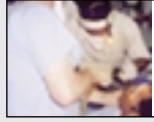
August 2001

I N S I D E



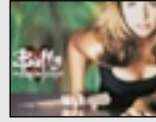
Open Day

Sunday 19 August



Timor's dental reconstruction

page 3



Buffy alive and kicking

page 7



European wasps a pest for all seasons



Worker wasps building a nest.

IN THEORY, European wasps are meant to be hibernating right about now. But tell that to anyone who's lit up a barbecue in Adelaide's suburbs during winter, and they could give you a different story.

"European wasps are a well-known summer pest, disrupting outdoor events such as barbecues and picnics during the warmer months. People don't expect to be pestered by wasps during the depths of winter, but it can and does happen," said Dr Andy Reeson (Department of Applied & Molecular Ecology).

Dr Reeson is part of a team of European wasp researchers at Adelaide University's Waite Campus. The team, working with

other researchers from SARDI (South Australian Research & Development Institute) is hoping to find suitable biological controls for European wasp.

He said the wasp's activity was normally reliant on European-style seasonal changes.

"A typical European wasp nest is started in the spring by a single queen emerging from hibernation. She raises the first worker wasps herself, which then help her raise more workers, and so the nest grows through the summer. Come the autumn most workers die out while the newly born queens search for a warm, dark place to hibernate.

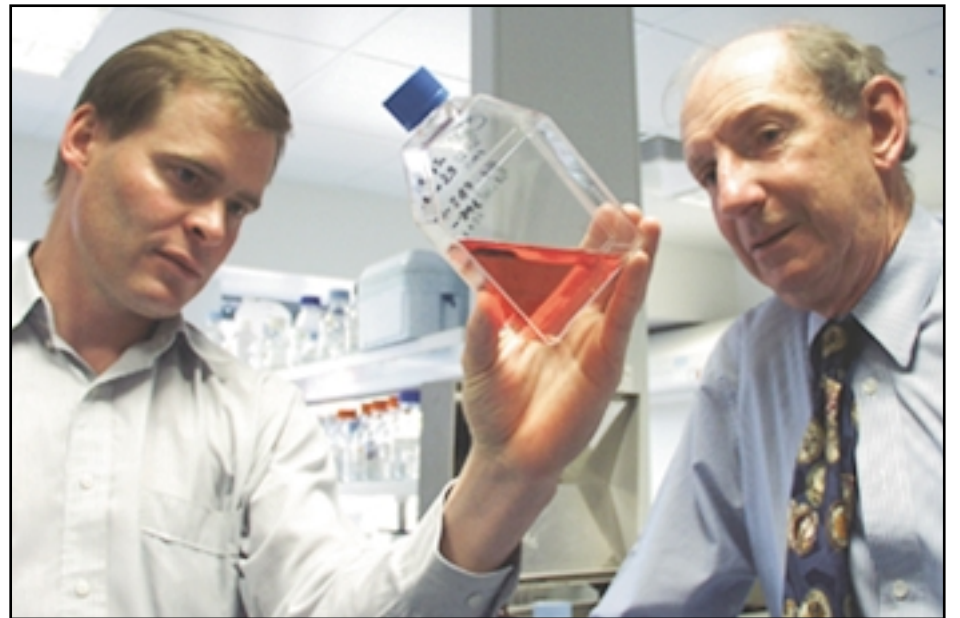
"This life cycle evolved in the wasps' native range of Europe and north Asia. Now introduced into Australia, our relatively mild winters have enabled some wasps to break free from an annual cycle and remain active throughout the year. While most nests still die off by around mid-June, a small proportion survive through the winter and on into the next summer," Dr Reeson said.

These nests can reach considerable sizes and contain tens of thousands of wasps; one such nest dug up in the Adelaide Hills was so large, it was too heavy for Dr Reeson to lift.

"The success of these 'overwintered' nests suggests that it is a habit that is likely to spread, which might result in wasps becoming a more continual nuisance," he said.

So what can be done? The team from Adelaide University and SARDI Entomology are working to develop new ways to control problem wasps. One aspect of this work involves searching for biological control agents, naturally occurring parasites or disease that are capable of killing wasps.

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Professor Peter Rathjen shows Raymond Ryce a sample of stem cell tissue culture.

Parkinson's research sparks \$100,000 donation

JUST over a year ago, Raymond Ryce had no future to look forward to.

A once keen yachtsman and owner of one of Australia's oldest transportation companies, for the past 11 years Mr Ryce has been fighting a personal battle against Parkinson's disease.

He knew that someday that fight would end—his condition, which had already robbed him of his agility and, for a time, his speech, would eventually prove fatal.

And then in March last year Mr Ryce had a major accident: he fell over a chair and fractured his ribs and sternum in 11 places.

"The pain was incredible. I didn't believe

anyone could live with that much pain," he said.

It was while lying in bed recovering that Mr Ryce saw a television program that would change his life.

"The *Four Corners* program came on, and they were doing a story about Peter's [Professor Peter Rathjen's] research."

Professor Rathjen, head of Adelaide University's Department of Molecular Biosciences, is spearheading research efforts into stem cells. One of the main areas being looked at by the team of researchers is the possible treatment of Parkinson's disease.

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Petroleum exec heads school, industry links strengthen

BHP Billiton's Peter Behrenbruch has been appointed Professor and Head of Adelaide University's new School of Petroleum Engineering & Management.

Professor Behrenbruch officially started at the University this month. Formerly Chief Reservoir Engineer with BHP Billiton, he has extensive experience in the international petroleum business and brings to the position expertise in the areas of petroleum engineering, technology, and the management of reservoirs in geological basins throughout the world.

Australian energy company Santos has committed \$25 million to assist the University establish this school. The school, which will open in March next year, aims to produce petroleum engineering graduates of world-class standing for the benefit of the entire Australian and South-East Asian petroleum industry.

Professor Behrenbruch has a keen interest in education and research. Born in West Germany, he moved to Canada at the age of 15. After completing his secondary education there, he studied at the University

of British Columbia and Stanford University in the US.

"I'm excited about starting this new position because I view it as a further consolidation of the links between education, research and industry," he said.

"With 27 years of experience in industry, I have a fair idea of what industry requires from the top petroleum engineering graduates and I'll be looking to ensure that graduates from the new school receive the best possible education for their future careers in industry.

"I am also keen to emphasise the management component of the school, which as its name suggests, is about more than just petroleum engineering."

Vice-Chancellor Professor Mary O'Kane welcomed Professor Behrenbruch's appointment. She said the University was pleased to have secured the services of someone of his calibre.

"To have attracted Peter Behrenbruch to the position of head of the school gives us an enormous amount of confidence," Professor O'Kane said.

"Our intention to offer programs with a strong management emphasis as well as traditional professional petroleum engineering courses has been well accepted both in Australia and the Asia-Pacific region. Professor Behrenbruch has demonstrated skills in all of these areas, and his experience will be invaluable as he takes on his new role."

Mr Keith Hunter, President of Petroleum Project Development and Operations with BHP Billiton, said: "We are pleased that Professor Behrenbruch has taken up his position at Adelaide, although we are obviously disappointed to lose such a prominent industry figure.

"We very much look forward to seeing the first crop of new petroleum engineering graduates from Adelaide, and to working with Professor Behrenbruch on a number of critical research topics."

The Managing Director of Santos, Mr John Ellice-Flint, also welcomed Professor Behrenbruch as the first head of the new school.

"I would like to congratulate Peter on his appointment. This school will benefit the

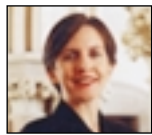


Professor Peter Behrenbruch.

entire oil and gas industry and we are very pleased to have attracted a person with such outstanding credentials to the school. Peter has an exciting challenge ahead of him and we look forward to working with him to ensure that the school is ready for the first intake of students in 2002."



Wanted: a national vision



Like several other members of the University community, I had the opportunity last month to appear before the Senate Inquiry hearing into the capacity of public universities to meet Australia's higher education needs.

The central point of my comments to the Inquiry was the need for a clear national vision of what is required of our higher education system. As I pointed out to the Committee, many of the major changes within the sector have been made by default and without a clear explanation of how they benefit the national interest. These "changes by stealth"—almost all of which have involved funding reductions or funding restrictions—have put enormous pressure on the system. They have provoked anger among the student body and lowered morale among university staff.

At the hearing, I answered questions from Liberal and Labor senators of the Committee on a range of issues. My concluding comment that "we are letting our great national asset slide into a parlous state" was picked up by the media and included in a front page report in *The Sydney Morning Herald*.

Federal Education Minister Dr David Kemp was quick to respond. In a statement released within 24 hours of the hearing, he declared that Australian universities had never had so much money. He is absolutely right, of course. But the issue is where this money is coming from. With so much disappearing out the back door in the form of Government funding cuts or restrictions, universities have had to become much more entrepreneurial in generating revenue from other sources. And we have done it very successfully.

But this is another kind of stress, of course. So, in addition to the stress of not knowing clearly what will be expected of us in the future, we face the pressure of having to raise more money than ever before. My response to Dr Kemp is: "Yes, Minister. Funding has never been higher, but it has also never been tighter."

MARY O'KANE

New degrees on offer in 2002

PETROLEUM engineering, media and more double degrees—these are just some of the new degrees and programs Adelaide University is offering for 2002.

The most noteworthy new degree is the **Bachelor of Engineering (Petroleum)**, which will be offered through the new \$25 million School of Petroleum Engineering and Management.

Adelaide is already regarded as having one of the best engineering programs of any Australian university, and demand for the Petroleum Engineering degree is likely to be high. Pre-requisites are Maths 1, Maths 2 and Physics, plus assumed knowledge of Chemistry.

A 150m oil well has been dug at the site of the school for use in teaching of the degree, with extensive practical field experience also being provided by petroleum producing companies.

In addition, eight Santos scholarships worth \$10,000 each will be awarded to students entering the degree.

Another exciting new degree is the **Bachelor of Media**, which aims to attract students with drive and initiative who want to work in media and media-related fields. The Bachelor of Media gives students exposure to a range of technologies and skills in media, and also offers a strong analytical and critical component, with emphasis on developing creative and innovative approaches. The program has a pre-requisite of one Group 1 PES/PAS subject.

The new degree of **Bachelor of Environmental Studies** provides an education that is focused on environmental studies within the social sciences. It provides students with an understanding of the environment and its significance for policy-makers, and develops research skills within a multidisciplinary analytical framework. It has a pre-requisite of one Group 1 PES/PAS subject.

The **Bachelor of Psychology (Honours)** is a four-year program which will provide students with the basic academic training required for registration as a psychologist.

Entry for this degree is expected to be competitive, but students can also still



Media and Petroleum Engineering are just two examples of new degrees on offer.

study Psychology as part of other degrees, such as the Bachelor of Arts, Bachelor of Science Bachelor of Health Science, and Bachelor of Social Sciences.

Students who are interested in studying both Arts and Science will be able to do so in 2002 with the addition of the double degree in **Bachelor of Arts/Bachelor of Science**. It will be a four-year program, with students able to complete at least one major, and possibly two, in Arts and Science.

It will have the pre-requisite of one Group 1 PES/PAS subject and two Science subjects: one chosen from Chemistry, Maths 1, Maths 2 or Physics, and one chosen from Agricultural and Horticultural Science, Biology, Chemistry, Geology or Physics.

The new **Elder School of Music**—formed from the merger of the Elder Conservatorium and the Flinders Street School of Music—begins operation in

2002, and is offering three main degrees (with auditions required for each):

- **Bachelor of Music:** This provides a major study in either Classical or Jazz performance;

- **Bachelor of Music Studies:** This provides a major Practical Study in Composition or Music Technology, or allows for a mix of Instrumental or Vocal Studies to be taken with Music Studies in Ethnomusicology and Musicology;

- **Bachelor of Music Education:** This combines a study of Music with a Major Study in Music Teaching, with graduates being eligible to apply for registration as a secondary school teacher in South Australia.

For more information about any of the new programs, contact the Student Centre on 8303 5208, Freecall 1800 061 459, or email <sis@adelaide.edu.au>

Students shine at mid-year graduations

MORE than 1000 students will become graduates of Adelaide University at this month's mid-year ceremonies being held in Bonython Hall (Tuesday and Wednesday, 7 and 8 August).

The ceremonies are:

Tuesday, 7 August, 10am

Faculty of Agricultural and Natural Resource Sciences

Faculty of Health Sciences

Faculty of Humanities and Social Sciences

Guest Speaker: Professor David Wilkinson (SA Centre for Rural and Remote Health)

Wednesday, 8 August 2001, 10am

Faculty of Engineering, Computer and Mathematical Sciences

Faculty of Science

Guest Speaker: Professor Chris Marlin (Flinders University of South Australia)

Wednesday, 8 August, 3pm

Faculty of Performing Arts, Law, Architecture, Commerce and Economics (including Graduate School of Management)

Guest Speaker: The Hon. Chief Justice Doyle (Supreme Court of South Australia)

A number of firsts will feature at this month's graduations. The University will



see its first PhD graduate from East Timor cross the stage in Bonython Hall (see story on page 5).

The very first students to undertake the new Masters degree in Science and Technology Commercialisation will also graduate. There are 10 graduates from a diverse range of companies, some of whom have been with the STC program since its pilot days.

Meanwhile, the mid-year ceremonies will see the very first graduate from the Master in Comparative Laws degree, a unique law program offered jointly by Adelaide University and the University of Mannheim in Germany.

This year a whopping 21 students will receive the University Medal, representing the absolute best undergraduate students in their fields. Chosen from these is one student who receives the Alumni Medal. This year's recipient is Farmer Salamander Schlutzenberg, graduating with a Science degree in Maths and Computer Science, with Honours.

The efforts of staff in guiding the students to their graduation day are also recognised through the Stephen Cole the Elder Prizes for Excellence in Teaching (see story on page 11).

More coverage of the mid-year graduations will be provided in the September issue of the *Adelaidean*.

Adelaidean



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Timor's dental reconstruction

ADELAIDE University's Dental School is playing a major role in restoring dental facilities and services to the rebuilding nation of East Timor.

Led by the school's International Program Coordinator Dr Bob von Doussa, several staff recently spent short periods in Timor as part of a four-month Interim Dentistry Project. The project is designed provide the necessary equipment and training to enable indigenous dental staff to provide "relief of pain" services and basic restorative care to East Timorese communities.

Dr Von Doussa said since the worst of the East Timor crisis in September 1999, the country had been operating virtually without any form of Dental service other than that provided by non-government organisations.

"There is only one indigenous dentist presently in the country and 11 dental nurses (therapists) to provide oral health care to a population of some 800,000 spread over 13 districts," he said. "Most of the country's medical and dental facilities had also been destroyed, so they are essentially starting from scratch."

Under the Interim Dentistry Project, equipment, instruments and consumables were brought into the country prior to the commencement of an intensive one-month training program.

The training program was attended by one indigenous dentist, 11 dental nurses employed by the Division of Health Services, and 10 dental nurses who volunteered to attend the program. All the dental nurses had previously qualified from training schools in Indonesia.

"During the first three weeks of the course, topics covered included resuscitation procedures, infection control, sterilisation and disinfection protocols, management of the medically compromised, local anaesthetic and extraction techniques. Of particular interest to participants was the method of restoring teeth without the need to use the dental drill or administer local anaesthetic. This restorative procedure is referred to as the Atraumatic Restorative Treatment (ART) technique.

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East Timor's only indigenous dentist, Luis da Silva, receiving training from Adelaide University's Professor Alastair Goss.

Parkinson's research sparks donation

From Page 1

"I was amazed," said Mr Ryce. "I didn't think anyone in Australia had gone so far with any research into Parkinson's; I didn't realise that Peter's unit was doing such good work."

Mr Ryce called from his home in Sydney and spoke to Professor Rathjen about funding Parkinson's research at the University. The result of that conversation, and their subsequent meetings, was a donation of \$100,000 over three years to fund the work of a PhD student, Dr Nathan Harvey, who has medical and science degrees from Adelaide University.

"The funding the government is giving to Australian research is not what it used to be. So I thought: 'bugger it, if I'm going to make any impact at all, I'll be able to do it here in Adelaide'," Mr Ryce said.

"I believe this unit [at Adelaide University] is very close to a breakthrough on the disease. I think there will be a breakthrough in my lifetime. This unit is as close to it as anyone else in the world."

While still running the Bonds transportation company in Sydney, Mr Ryce makes the occasional visit to Adelaide University's Molecular Life Sciences laboratories.

He said the story on *Four Corners*, and his discussions with Professor Rathjen, had given him hope.

"Before I saw that story last year, my life was planned. I knew that Parkinson's would take complete control of me and I would die. As far as I knew, that was my future.

"But now I have a future," he said.

—David Ellis

Open Day: your gateway to Adelaide University

OPEN DAY (Sunday 19 August) is your chance to see Adelaide University in action.

Adelaide is one of Australia's oldest, most respected and most innovative universities. Our quality research and education programs play a central role in the life of South Australia and have an increasingly important impact nationally and internationally, too.

By opening our doors to you, we're revealing an exciting world of teaching, research and community service. You can find out how Adelaide University advances knowledge, promotes scientific and technical innovation and serves the cultural and educational needs of all South Australians.

Why visit us at Open Day?

You might want to study at Adelaide University, or just be an interested member of the public. Whatever your reason, there is more than enough for you to see and do.

What's on during Open Day?

Students and staff are available from 10am-4pm to show you why they're proud of their University. Speak with them and discover why studying at Adelaide is a natural choice.

There are many other ways you can use your time during Open Day, with

information sessions for prospective students and activities for the whole family.

- Visit the Career and Academic Program Expo in Bonython Hall
- Tour the campus
- Listen to individual academic program talks and talk with academic program advisors
- Talk with uni students about studying at Adelaide
- Visit the Faculties and see the latest research
- Get the answers at the "Question Me" sessions in Union Hall and Elder Hall
- Learn about University life, its history, the library, student activities, sports and clubs
- Be entertained by student performances and music
- Tune in to hear what's on! 5UV Radio Adelaide 531AM – live from Goodman Crescent Lawns 10am-12 noon.

Career and Academic Program Expo in Bonython Hall

The Career and Academic Program Expo will give you a 'snapshot' of what Adelaide University has to offer. Here you can find out about prospective academic programs and careers and discuss them with academic staff. You can also pick up information about



HECS, admission procedures, Special Entry and Aboriginal Access Schemes, Scholarships, and Studying Abroad, as well as the support services we offer such as accommodation, health, counselling, and study skills.

Campus Tours

University students will lead general campus tours every hour from the Information Tent on Goodman Crescent Lawns adjacent to Bonython Hall.

Students will talk about studying at Adelaide, the facilities and student life. Campus tours start at 11am, 12 noon, 1pm, and 2pm.

Need more information?

Just ask staff and students wearing the ASK ME badges or visit an Information Tent at one of the entrances to the University.

Information about Open Day is also on our website: www.adelaide.edu.au

Zoophoria hits the road

THE late Dr Frank Dalziel was a strong supporter of the Adelaide Zoo. During his time in Adelaide University's Psychology Department he supervised thousands of student projects there in animal behaviour. A generous donation from his estate will now bring zoo animals to schools throughout South Australia.

Ms Nancy Weatherly, Dr Dalziel's sister, donated \$20,000 to the zoo in his memory. It has been used to fund a program of taking the Zoo to the community. Called 'Zoophoria,' the program includes a mobile zoo that will visit schools and other community centres, providing a structured show which includes many interesting animals, information about them, advice on handling them and relevant conservation messages.

The show features a typical backyard, which is further developed by the audience to be more wildlife friendly. From a variety of habitats, animals are then produced, providing an opportunity for the audience to see them at close quarters and handle some under supervision.

Depending on their availability, Zoophoria includes a cockatoo, python, tawny frogmouth, possum, lizards, frogs, bats and an echidna, while some feral animals are expected to feature soon.

The mobile zoo can be booked through the Zoo's education service on (08) 8267 2434.

—Rob Morrison

Two new professors – one in China, one in Adelaide

THE LINKS between Adelaide University and the Chinese Academy of Sciences have strengthened immeasurably thanks to a new agreement which sees an "exchange" of professors.

Under an agreement recently concluded, Professor Sally Smith from Adelaide's Department of Soil and Water has been appointed an Honorary Research Professor at the Chinese Academy's Research Centre for Eco-Environmental Sciences (RCEES).

Meanwhile, the Centre's Director, Professor Jingzhu Zao, has been made a Visiting Professor at Adelaide University.

In another move, Dr Yongguan Zhu, who is currently undertaking post-doctoral work in the University's Faculty of Agricultural and Natural Resource Sciences, will shortly return to China to head up a new unit in RCEES and will also be afforded the title Visiting Research Fellow, Department of Soil and Water, from 1 January, 2002.

Plans are underway to establish joint laboratories in Beijing and Adelaide for research into plant-soil interactions and environmental impacts, to hold joint workshops and to have exchanges of PhD students.

The coordinators of the programs will be



Professor Jingzhu Zao and Professor Sally Smith.

Professors Zhao and Smith.

During his visit to Adelaide, Professor Zhao met with senior staff from Adelaide University, SARDI (South Australian Research and Development Institute), PIRSA (Primary Industries South Australia) and CSIRO.

Originally founded in 1975, RCEES now

operates under the leadership of the Chinese Academy of Sciences and the State Environmental Protection agency. Its main research areas include environmental chemistry, environmental engineering and systems ecology.

The Centre currently has more than 370 staff including 52 research professors, 84 associate professors and 103 assistant professors. It has eight research laboratories and departments and is accredited to award MSc and PhD degrees.

Apart from Australia, RCEES already has exchange and collaborative research agreements with institutions in Germany, United States, Japan, UK, Canada, Sweden, Switzerland and the Netherlands.

"This agreement with RCEES is a coup for Adelaide University and I am excited about the prospect for mutually beneficial cooperation with such an important and well-connected Chinese research organisation," said Professor Smith.

"Thanks in no small part to the important groundwork undertaken by Dr Yongguan Zhu, Adelaide now has the opportunity to expand its activities into the rapidly developing Chinese academic and research environment."

Public lectures by new professors

Venue: Lecture Theatre 102,
Napier Building
Time: 1:00pm Fridays
Cost: free
Details: [www.library.adelaide.edu.au/
uall/inaugurals](http://www.library.adelaide.edu.au/uall/inaugurals)

Friday 17 August

Professor Hock Lim Tan (Paediatrics): *Keyhole surgery in infants and children*

Many advances have been made in the past decade which have made it possible to manage adult surgical conditions using minimally invasive or keyhole surgery. In children, however, the pathology is often different, and this can make it difficult if not impossible to employ some of these treatment modalities. This lecture serves to highlight some of these differences, and discusses some of the developments in keyhole surgical techniques that now make it possible to manage complex surgical problems in children.

Friday 31 August

Professor Valerie Linton (Mechanical

Engineering): *Welding and joining: from the industrial to the space age*

The history of welding can be traced back several thousand years to the fabrication of forge welded artefacts. The industrial revolution saw the introduction of fusion welding and the subsequent rapid development of welding technology. Current developments in this technology and how welding impinges on our daily lives will be explored.

Friday 14 September

Professor Keith King (Chemical Engineering): *Oxidation, combustion and flames: from petrochemicals to the Olympic torch*

Combustion is fundamental to our civilisation and is presently used to meet about 90% of world energy requirements (eg, ground and air transportation systems, electrical power generation, heating, industrial processes). Combustion is also used in industrial processes to produce liquid fuels, chemicals and materials. Some examples of combustion research at Adelaide University will be described,

including the design of the fuel and combustion system for the Sydney 2000 Olympic relay torch.

Friday 28 September

Professor Michael Sawyer (Paediatrics): *'No worries?' The mental health of young Australians*

This lecture will describe results from the Child and Adolescent Component of the National Survey of Mental Health and Well-Being. This is the first national survey of the mental health of young people conducted in Australia. Implications of results from this survey for health services, and for university teaching and research, will be discussed.

Friday 12 October

Professor Charles Bodman Rae (Music): *A sound world of contrasts*

Contrast has long been a feature of how music is articulated and communicated. This lecture will explore some of the ways in which contrast can operate in a multi-faceted musical language.

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Creating Wealth for Our Clients

Advisory Centre for University Education

VOLUNTEERS WANTED TO SUPPORT STUDENTS FROM NON-ENGLISH SPEAKING BACKGROUNDS

The Advisory Centre for University Education (ACUE) is seeking volunteers to be matched with an Australian or international students from non-English speaking backgrounds (NESB). Volunteers are wanted from all walks of life: employed, unemployed or retired are encouraged to participate in this scheme. University students and staff members are particularly invited to participate.

The ACUE has been offering this service since 1995 with a great deal of success. In this International Year of the Volunteer, we are set to raise the profile and extend the service to a broader range of both volunteers and students.

The role of volunteers is flexible: it can be that of a mentor or 'sounding board' for their NESB student, or it may simply be to provide them with opportunities for practising their English conversation. Volunteers meet with their students on a weekly or fortnightly basis at their mutual convenience. The time commitment is around one-and-a-half hours per fortnight per student.

For volunteers this is an opportunity to broaden their experience in communicating with people from diverse cultural backgrounds, and to make a social and academic contribution in an area where it is sorely needed.

The extended service runs from July 23 and continues throughout Semester 2. There will be a three-hour induction session for new recruits, and a volunteers' support group is organised which meets twice a semester.

If you would like to volunteer your service, or require further information, please ring Ursula McGowan at the ACUE - tel 8303 5771 - and the Coordinator of the project, Ms Josephine Sando, will contact you.

Ursula McGowan
Deputy Director, Advisory Centre for University Education
Coordinator, Language and Learning Service



GRADUATIONS

EAST TIMOR GRADUATE - PERSONAL AND POLITICAL TRIUMPH

ADELAIDE University's—and quite possibly Australia's—first PhD graduate from East Timor has returned from his homeland to Adelaide to attend his graduation ceremony.

Helder Da Costa, who studied at Adelaide's School of Economics from 1996 to 2000, is an excellent example of Adelaide University establishing ongoing links with the newly independent country.

On completing his PhD, Dr Da Costa returned to Dili to take up a position as head of the research portfolio at the National University of East Timor.

An excited and proud Dr Da Costa spoke to the *Adelaidean* prior to returning to Adelaide for his graduation ceremony on Wednesday 7 August.

What does it mean for you to come back to Adelaide University and graduate?

It means a lot to me personally, and to East Timor as the world's newest nation. Adelaide University is well known as one of the leading universities in the world, and I am particularly proud to graduate from this prestigious university. The experience gained from my time here has given me confidence and wisdom to apply my skills in nation building in East Timor.

Why did you choose to study at Adelaide University, and more generally, in the city of Adelaide?

I came to Adelaide in 1996 through an AusAID Scholarship Scheme, and also because of the suitable programs offered here. I had an excellent supervisor as well—I was particularly honoured and proud to have the Director of the Centre for International Economic Studies, Professor Kym Anderson as my supervisor.

Besides, Adelaide is one of the most beautiful and friendly cities in Australia, with magnificent landscape and the cost of living relatively cheaper than other big cities. The combination of a friendly study environment, easy access to all facilities, and the growing multicultural society in South Australia made it thrilling to study here.

What was the experience of studying at Adelaide University like for you?



Helder Da Costa. Photo: David Ellis.

It was great fun attending lectures, seminars, workshops and doing research at an academic level. The facilities offered were superb, and one needs to make use of this opportunity to develop professional skills and knowledge in order to fulfill academic requirements. One obvious thing I learned from Adelaide University is to think critically on any subject and present it candidly. Informal interaction with professors, departmental staff and fellow postgraduate staff helped me to gradually develop my skills.

I must admit that prior to the conclusion of my thesis, I was terribly distracted by the crisis in East Timor in September 1999, and it was hard to cope with from a distance. Sitting in front of the TV watching the crisis unfolding, people being killed, and the terror and intimidation on the innocent people back home gave me a sense of disbelief, and it was a traumatic experience.

But with the support of a lot of people, things

improved and massive reconstruction took place. I was also involved in the World Bank-Joint Assessment Mission Team to East Timor in late 1999 to assess the extent of damage and propose areas and priorities to reconstruct East Timor. Being in East Timor at that time, my motivation to stand up and try to complete my studies grew even bigger. Thank God, I was able to complete it with a lot of sacrifice and hard work resisting all these troubles.

What have you been up to since you left Adelaide University?

Upon my return in early November 2000, I have been involved in a number of missions and posts, for example, taking up the research portfolio of the newly established University, as the Director of National Research Centre, National University of East Timor, coordinating research initiatives, fellowship programs, and research cooperation with other research agencies in the region. I have

also been involved in providing consultancy for the Asian Development Bank-sponsored Technical Assistance for the East Timor Transitional Administration (ETTA) in Social and Economic Strategic Policy Formulation.

Have you been able to apply knowledge and skills from your time at Adelaide to your current work in East Timor?

As the country demands a lot of inputs and contribution in its reconstruction and development efforts, this is the right time for me to share knowledge and skills learned, and gradually contribute through various means. One of the ways I helped earlier this year was by publishing working papers on various issues through the Dili Economic Forum held in March.

How is the rebuilding of East Timor going?

The rebuilding of East Timor is gradually improving under the UNTAET administration. All the important sectors such as judicial, agriculture, police academy, and economic affairs—in particular the successful negotiation over use of the Timor Sea – have all been improved dramatically. Other things such as the recruitment of East Timorese civil servants, and the establishment of East Timor Defence Force have taken place successfully. On balance, the economy is gradually moving ahead although currently there is a dual economy between UN expatriates and locals, which creates an "artificial" economy.

Much still depends on the political process which is underway, pending the outcome of the August 30 election for 88-member Constituent Assembly to draft the constitution.

Once the election is over and the new government is formed in mid-September 2001, the East Timorese people can look forward to experiencing an era of development challenges. This means there will be macro-economic policies in place coupled with sectoral policies introduced by the ruling party.

The political process is expected to be finalised some time in 2002 before the UN officially lowers its flag and hands the country to the East Timorese.

Open Day: Street Party showcases Science

WHAT do wine, dinosaurs, chillies and photons have in common?

They're all part of the many fascinating fields of science that are taught and studied at Adelaide University.

Science is not only about inventing the future in which we will all live, it's also fun, creative and exciting.

You can have fun with science and discover its many opportunities at the **Sciences Street Party** being held at Adelaide University on Open Day (Sunday, August 19).

- Experience hands-on displays and fun for the whole family
- See amazing science in action
- Meet our dynamic young scientists
- Taste some science on a plate and see how science rules the air.

Where? On the lower north-east corner of the North Terrace campus - between Union Hall and the Benham Building.

The Sciences Street Party is jointly hosted by the Faculty of Agricultural and Natural Resource Sciences and the Faculty of Science.

THE FUTURE OF SCIENCE

Next year, both faculties are combining into the one major Faculty of Sciences, making science at Adelaide University stronger than ever.

The new Faculty of Sciences will further build on Adelaide's role as an Australian leader in the sciences and will reinforce its already strong international reputation.

The Faculty will be a powerhouse of education and research in a wide range of basic science disciplines, as well as providing pathways to advanced study in exciting areas such as biotechnology, entomology, marine science, viticulture and oenology, photonics and nanotechnology.

It brings together the University's strengths in biological, physical, environmental and agricultural sciences, exposing students to the excitement of "living science" and providing them with greater study opportunities.

Links with federal and state government agencies and commercial companies means our students will be exposed to education and research opportunities at the forefront of current science practices.

The Faculty of Sciences will operate



across three of the University's campuses: North Terrace, Roseworthy and the Waite. It will come into operation on January 1, 2002.

The Sciences Street Party at Open Day is your first chance to see the coming together of these two great science faculties.

Siberian river adventure: the journey so far

ADELAIDE University student Ben Kozel has joined two Canadians on the adventure of a lifetime.

Repeating their efforts last year in which they paddled the entire length of the Amazon River, the team is now taking on the world's fifth-longest river: the Yenisey, which cuts right through the heart of Siberia.

The following is Ben's summary of their journey so far, emailed to the Adelaidean from the Russian town of Bratsk.

We arrived at the base of Otgon Tenger—source of the Yenisey in central Mongolia—after a four-day journey from Ulan Bataar in a Russian van with a devout Buddhist as our driver. He expressed great concern for our safety if we went ahead and climbed the 4000-metre mountain, and actually threatened to dump all our gear, kayaks, raft, everything, if we chose to ignore his warnings.

Consequently, we lied about our plans and tried to make the ascent and return to base camp in one day, passing our time away from camp as a photography shoot. But the terrain was too severe and our estimates proved to be very optimistic. We were forced to bivouac (make very rough camp) at 3000 metres as night descended and the temperature plummeted to minus 15. We completed the ascent successfully next day, sustained only by a third of a can of sardines each.

On 18 May, after following the first trickles and streams for 50 kilometres, we put in the raft and kayaks on the Ider River, farthest tributary of the Yenisey. The whitewater rapids here proved to be smaller and more readily negotiated than expected, but our interaction with the local people far more intense and delightful than anything we could have imagined.

I am convinced that we were the first westerners to have explored the valley. It felt like we were bringing the circus to town. Kids, adults, men on horseback, the occasional 4X4 would follow us on the riverbank out of fascination. When we stopped to camp, Mongolians would gather to stare at the weird and wonderful array of equipment and simply our ways. I am certain that the prevailing herder lifestyle in rural Mongolia is as far removed from life in urban Australia as is possible.

Having swept along through broad grassy plains for the first few hundred kilometres, the Ider abruptly funneled into a narrow, spectacular gorge. Here we got our fix of whitewater, and of a rugged landscape that surely must have been viewed by only a few human eyes, accessible only by raft or kayak (Mongolians do not travel by river, we saw only two boats of any description along the 1000 kilometres of river in this country). The canyon produced rapids up to class 4+, more than enough to get the adrenalin pumping. (Mongolia as a nation is remote. This region of the country is an especially forgotten realm and far, far away from medical help.)

The Ider flowed into the Selenga River. Unfortunately for us, melting snows from the worst winter in decades meant the Selenga was in major flood and very treacherous. It didn't take us long to find trouble. The haphazard current dragged the raft into the forest and snagged it on low hanging branches. The raft flipped upside down and gear tumbled out, either to sink instantly or be swept downstream in the angry water. We retrieved most of the large dry bags which contained most of our gear, but the one with all our camera film and video footage escaped. Colin hastily jumped into one of the kayaks and gave pursuit. We would not see him again for 12 days.

The flooding abated, but the braiding nature of the river and Colin's conviction that Remy and I had overtaken him while he once dozed



Remy kayaks his way through the early stages of the Yenisey.

exhausted on the riverbank, made re-uniting impossible. Two oars and one oarlock had been ripped from the raft during the flip, meaning that Remy and I could only manoeuvre the boat using one kayak paddle and a re-assembling of the rowing frame to incorporate our one remaining oar as a gondola style punt/scull.

Several days later, we chanced upon some Christian missionaries in a small riverside village and used a fully stocked carpentry workshop to craft two replacement oars from planks of larch, and a replacement oarlock from scrap pieces of metal.

To my delight, the Mongolian landscape became more pristine, where before it had looked more like one big fenceless paddock, grazing goats, sheep, yaks, horses and bactrian camels. Along the river, bird life was especially diverse and abundant. On the lower Selenga, the forests returned. From the raft I saw deer and the occasional wolf on shore.

At the Russian border, 500 kilometres from the site of the flip, we were re-united with Colin. He was in the care of very generous and very understanding Mongolian military personnel, who had clothed and fed him for five days. His days alone on the river had seen him sleeping in his kayak and munching on stinging nettles, wild rhubarb and raw birds' eggs for sustenance. Most amazingly, he had managed to find the lost dry bag containing our film and video tapes. Given the sheer immensity of the river, the number of potential places for the bag to have snagged, and the probability of the bag ripping open and sinking, it was a sheer miracle. It means that our plans for a documentary presentation can go ahead.

The Selenga continued north into Russia. We crossed the border without incident and without hassle—the bureaucratic nightmare I had expected did not happen. The contrast between Mongolia and Siberia in terms of culture and people is near absolute. It is truly amazing that an imaginary line such as a border can create such different lands. My first impression was that the Russians, unlike the Mongolians, could instantly relate to us and our reasons for tackling the river as we are doing. To the Mongolians, we were just plain odd and inexplicable.

By June 20, we had arrived in Lake Baikal,



Student and adventurer Ben Kozel in the mountains in Mongolia. Photos courtesy of the Raft Yenisey team: www.raftyenisey.com



Ben goes it alone in the ill-fated raft, in Mongolia.

the world's deepest lake. We were plagued by headwinds and foul weather created by the very lake itself. We crossed 60 kilometres of nerve-wracking chop and swell to the northern shore, overnight in 20 sleepless hours. The unique seals that inhabit Lake Baikal (4000 kilometres from the nearest ocean) kept us company throughout. The water, despite the arrival of summer, was icy cold.

From Baikal, the Yenisey system continues via the Angara River. Where the lake empties into river, at the village of Listvyanka, we rendezvoused with team member number four: 22-year-old Victorian Tim Cope.

Having carried us 1500 kilometres, our plan was to retire the raft and kayaks then continue on to the Arctic in a wooden rowboat. An exhaustive search of the villages and dacha (summer house) communities resulted in us finding only one boat of a style and size that was adequate. In fact, it is exactly the image I had in mind when Colin and I first conceived the idea to trace the entire Yenisey, 15 months ago. According to nearby residents, the boat had been lying disused and neglected on the riverbank for more than three years. The owner had apparently been killed by the Russian mafia.

Given that there was no other suitable boats, and that very likely the above circumstances suggested that there was now no owner (or no one who cared) we decided to appropriate her for our purposes.

We transported the boat to the city of Irkutsk

on the back of a truck, set up base in the backyard of a typically helpful and accommodating Russian family, then set to making her seaworthy.

Two weeks of labouring, reinforcing rotten timbers, caulking, tarring and whiz-bang carpentry gave us a six-metre vessel with a watertight hull, and a plywood cabin complete with portholes and room to sleep three men relatively comfortably while the fourth rowed at the boat's stern using a pair of three-metre-long home-made wooden oars. The inclusion of a sliding rowing seat, as used by Olympic and university rowing crews on their streamlined craft, means that our legs are propelling the boat as much as our arms. Despite the boat's hefty weight, we are able to generate up to six kph speeds on water without the aid of a current.

From Irkutsk, there are three dams we must negotiate. The first is behind us, having again loaded the boat on the back of a truck. The remaining two dams, including the one at Bratsk (world's largest) will be tackled in a similar way. Below the third, we will again have a river current to propel us. For now, we must endure 700 kilometres of the Angara River that has been transformed into enormous reservoirs...

The journey is expected to end in September when the team reaches the Arctic Ocean. Ben and his teammates are planning a documentary presentation in Adelaide at the Scott Theatre, Adelaide University, later this year.

Buffy stakes her claim in modern literature

BUFFY might be dead in Sunnydale, but she's alive and kicking at Adelaide University.

While the titular heroine of the TV show *Buffy the Vampire Slayer* took a fatal dive in this year's season finale, the show itself has been elevated to "teaching status" at Adelaide's Department of English. *Buffy* has now replaced *The X-Files* as the TV component of studies into Gothic literature.

Dr Catherine Driscoll, lecturer in the English Department and head of the Adelaide Research Centre for the Humanities & Social Sciences, has been looking at *Buffy* as an example of feminine adolescence in popular culture. Dr Driscoll has a new book coming out on this topic, a chapter of which is devoted to girls and horror, and discusses *Buffy*.

For the uninitiated, *Buffy* is an average, yet glamorous, American student who discovers she has the powers to defeat vampires, demons and other evil creatures. Her town just happens to be located on top of the "Hellmouth", a zone of never-ending evil.

The TV show uses these ideas to explore the ongoing difficulties of growing up, the "horror of being adolescent". Every battle with evil beasts is made more complex by personal struggles: coping with school, friends, family, cultural and personal identity, and boyfriends, one of whom is also a vampire.

Using *Buffy the Vampire Slayer* in classes about Gothic literature helped to give relevance and meaning to students' learning, Dr Driscoll said.

"I'm an absolute believer in the importance of teaching contemporary popular culture to students. You're giving them an example that they already find relevant and you can talk to them about things which they wouldn't otherwise listen to," she said.

"If I wanted to give a lecture on the 'post-modern critique of foundational ethics', that wouldn't go down so well, but I can talk about how good and evil are the centre of, and yet don't really work, in *Buffy*, and students are likely to find that interesting.

"The popular culture texts that we choose, in and of themselves, are also significant cultural events. *Buffy* is a significant cultural event—it's an important commentary on gender and adolescence, for example. At the same time, it's very clearly historically placed, specific to the end of the 20th century but drawing on texts over at least the last three centuries. The show is well aware of its place within different genres and histories."

While this combination of genres is new, Gothic literature has always used characters like *Buffy*, Dr Driscoll said. "She seems benevolent but isn't, she's both innocent and powerful, the victim but also the key to undoing evil."

One aspect of *Buffy* that intrigues Dr Driscoll is its blurring of the lines between good and evil, and the way it uses those ideas to explore "the ambiguities and ambivalence of both adolescence and femininity".

"The whole premise of the show rests on the fact that there is evil—in the form of vampires and demons—and that there is also goodness. And yet almost every episode is about how you can slip between those things. Evil things become good and good things become evil, sometimes in their effects and sometimes in narratives about personal transformation."

The series abounds with examples of this, such as *Buffy's* former boyfriend, a vampire made good because he is cursed with a soul. Another vampire, and *Buffy's* nemesis, has been fitted with a microchip that prevents him from harming humans. Now vulnerable, he has joined *Buffy's* gang and has even fallen in love with her.

"There isn't one character who at one stage wasn't a demon or a hyena or a werewolf, or an ex-lover of a werewolf who's now a witch, or who used to think she was a demon—nobody is just human, and that's really important to the show. It's part of its reflection of adolescence, because in a typical high school narrative, or in the dramas of taking up an individual place in the world, nobody is just 'normal'," Dr Driscoll said.

The ethical boundaries between good and evil actions are also blurred.



Sarah Michelle Gellar as *Buffy the vampire slayer*: represents the "horror of being adolescent".

"Almost none of the characters in the show actually conform to the idea that this is good, that's evil—not even vampires are always evil. It's not always right for *Buffy* to kill vampires; sometimes it's clearly wrong. There are no absolute ethical positions here, and even self sacrifice, which seems to be strongly approved by the show, can have very negative effects," she said.

Millions of fans around the world tune in to watch *Buffy the Vampire Slayer*, but does that make *Buffy* herself a role model?

"I think the concept of 'role model' is actually quite flawed; I don't think people consume popular culture in that way.

"Nobody really imagines they can be *Buffy*—

you can identify with her in a range of ways, but that doesn't mean people imitate that person.

"Instead, *Buffy* represents a number of things about modern-day life for young women; she's symptomatic of some of the things girls are or can be now, some of the pressures and choices they're faced with. It's not that she's a role model, but she is an image of some of the things that girls are today."

Dr Driscoll's new book is titled *Girls: Feminine Adolescence in Popular Culture and Cultural Theory*, and is published by Columbia University Press in New York.

—David Ellis

Open Day: Humanities and Social Sciences

The Faculty of Humanities and Social Sciences offers students and the general public the opportunity to learn about, participate in, and contribute to, the intellectual debates that have forged our past and are shaping our future.

Areas of study cover such broad issues as human behaviour and analysis of cultural practices, population studies and changing land use patterns, ancient and modern languages, literature and history, political philosophies underpinning crucial policy decisions in welfare and industrial relations, international relations, and media analysis.

Talk to the staff teaching and researching in these areas and find out more about the programs that meet your interests and aspirations.

Academic Programs and Study Options

Humanities and Social Sciences stand, Bonython Hall

Get general information and advice about undergraduate programs, including double degree programs. Postgraduate programs in fields such as Applied Anthropology, Applied Linguistics and Spatial Information Science will also be represented along

with our Non-Award and Community Access programs.

Academic Programs Talk

12.30pm, Lecture Theatre 102, Napier Building (half-hour talk)

Which Arts program is for me? How do I apply to get into the program? What areas of study are available when I get here? How do I find out about specific courses available to me? What if I want to combine studies from another area?

Careers Talk

1pm, Lecture Theatre 102, Napier Building (half-hour talk)

Make the most of your future. A talk about how to turn your career aspirations into an employment success story. What you need to know and how to get there.

Departmental Displays

Napier Building Concourse and First Floor foyer

Special activities:

- Centre for Asian Studies will have food tasting, quiz and prizes, Chinese and Japanese calligraphy demonstration, name writing in Asian Languages, demonstration of



Chinese and Japanese software - Level 1, Napier Building.

- Research Centre for the History of Food and Drink will present Federation Finger Food, a taste of the food and drink typical in Australia at Federation - Level 1, Napier Building.
- Geographical & Environmental Studies will have a walk-through display on careers and courses in

space and time featuring a hands-on display of equipment, core samples and other artefacts from the natural world - Ground Floor, Napier Building.

Museum of Classical Archaeology

Museum, First Floor, Mitchell Building. See our array of wondrous artefacts from the Middle-East and Europe.

MONDAY 6 AUGUST

12noon Plant Science Seminar: Breeding for subsoil toxicities by Dr T Rathjen, Dr P Rengasamy, Dr G Ma and Mr D Cooper. Charles Hawker Conference Centre, Waite.

1.00pm Clinical & Experimental Pharmacology Seminar: Plant polyphenols - hype or hope? By Dr Ian Record (CSIRO Division of Health Science & Nutrition). Seminar Room, 6th Floor, Medical School Nth.

1.10pm Geographical & Environmental Studies Seminar: Patterns and Processes of *Ammophila arenaria* (Marram grass) invasion, Stewart Island, New Zealand by Dr Mike Hilton (University of Tasmania). Room 104, Environmental Studies Building.

1.10pm Student Workshop: Developing a lifestyle that reduces stress and worry by Mark O'Donoghue. Counselling Centre, Ground Floor, Horace Lamb Building.

4.00pm Soil & Water Seminar: Relations between aggregate stability and water infiltration by Jerome Mwanza. Room 301, Prescott Building, Waite Campus.

TUESDAY 7 AUGUST

2.30pm HCCR Special Seminar: Insertion sequence targeting controls life or death decisions in the cell by Dr D Andrews. Robson Lecture Theatre, Eleanor Harrauld Bldg, RAH.

WEDNESDAY 8 AUGUST

10.10am Electrical & Electronic Engineering Seminar: The Global Hawk Deployment to Australia by Dr N Stacy (DSTO). Room S112, Engineering South.

12.30pm Clinical Nursing Seminar: Exploring what the doing does: a different look at pain and pain management by Dr Kay Price (UniSA). Room 36, Level 3, Eleanor Harrauld Building, RAH.

1.00pm Environmental Biology Seminar: Hot and sweaty breath of reptiles by Dr Suzy Munns (Environmental Biology). Benham Lecture Theatre, Ground Floor, Benham Bldg.

1.10pm Geology & Geophysics Seminar: Modifications to Sequence Stratigraphic Concepts: the contrary antics of terrigenous sediment by Paul Gammon. Mawson Lecture Theatre, Mawson Laboratories.

1.10pm Student Workshop: Time management by Susan Howard. Counselling Centre, Ground Floor, Horace Lamb Building.

THURSDAY 9 AUGUST

12.10pm Psychology Seminar: Reaction Times and Intelligence: It's Enough by Dr Glen A Smith (DSTO). Room 526, Hughes Building.

1.00pm Chemical Pathology Seminar: 16th Annual MPS Conference: Strategies for Therapy of MPS and Related Diseases by Dr Sharon Byers & Prof John Hopwood. Seminar Room 1, 4th Floor, Reiger Building, WCH.

6.30pm Royal Society of South Australia Talk: How much water does a river need? Environmental flows in the River Murray, SA by Keith Walker. Society Rms, adj SA Museum's Nat Sciences Bldg (off Kintore Av).

7.45pm Brian Daily Memorial Lecture: Fleurieu Peninsula: stratigraphy and structure by Professor Pat James. Mawson Lecture Theatre, Mawson Laboratories.

FRIDAY 10 AUGUST

11.30am Social Inquiry (Gender Studies) Seminar: Perverse masculinity in four contemporary films by Melissa Iocco. Seminar Room, Level 3, 10 Pulteney Street.

1.10pm Elder Conservatorium Lunch Hour Concert: Ayako Uehara - piano. Works by Haydn, Debussy and Ravel. Admission \$3 at the door. Elder Hall.

2.00pm Plant Science Special Seminar: Biosynthesis and modification of cell wall polysaccharides by Professor Henrik Vibe Scheller (Plant Biochemistry Laboratory, The Royal Veterinary and Agricultural University, Frederiksberg, Copenhagen, Denmark). Seminar Room, Waite Campus.

COMING EVENTS

6th August - 31st August

4.00pm Obstetrics & Gynaecology Seminar: Cell interactions in the human implantation site: adhesion, anti-adhesion and the IGF system by Dr John Aplin (University of Manchester, UK). Seminar Room, 6th Floor, Medical School North.

MONDAY 13 AUGUST

12noon Plant Science Seminar: Biochemistry and genetic control of colour of Asian noodles by Dr D Mares (Plant Science). Charles Hawker Conference Centre, Waite.

1.00pm Clinical & Experimental Pharmacology Seminar: Oestrogen stimulated intestinal calcium absorption: do oestrogen and vitamin D interact? By Dr P O'Loughlin. Seminar Room, 6th Floor, Medical School Nth.

1.10pm Student Workshop: Procrastination by Sally Hebenstreit. Counselling Centre, Ground Floor, Horace Lamb Building.

WEDNESDAY 15 AUGUST

10.10am Electrical & Electronic Engineering Seminar: Optimization techniques for image signal processing by Prof Jeng-Shyang Pan (National Kaohsiung University of Applied Sciences). Room S112, Engineering.

1.00pm Environmental Biology Seminar: Invertebrate diversity and conservation by Associate Professor Andy Austin (Applied & Molecular Ecology). Benham Lecture Theatre, Ground Floor, Benham Building.

1.10pm Geology & Geophysics Seminar: Seismic imaging of the 3-d velocity structure of Rabaul volcano by Chaoying Bai. Mawson Lecture Theatre, Mawson Laboratories.

4.00pm AFUW SA Postgraduate Multidisciplinary Forum: Title to be advised, by Sarah Goodall (PhD candidate). To what extent have negative constructions of dingoes in Australia affected the management and conservation of the species? by Rachael Mead (PhD candidate). Margaret Murray Room, Level 5, Union Building. Gold coin donation.

THURSDAY 16 AUGUST

12noon Hanson Centre for Cancer Research Seminar: Regulating the regulators: Targeting of protein phosphatase 1 and 2A by Dr Alistair Sim (University of Newcastle). Robson Lecture Theatre, Level 1, Eleanor Harrauld Building, RAH.

12.10pm Psychology Seminar: Current Advances in Mind/Body Medicine by Dr Richard Gervitz. Room 526, Hughes Building.

1.00pm Chemical Pathology Seminar: Seduction by Mr Jim Robinson. Seminar Room 1, 4th Floor, Reiger Building, WCH.

2.00pm Social Inquiry Workshop: The discourse of multiculturalism in Australia by Toulia Nicolacopoulos (Postdoctoral Scholar). Seminar Room, Level 3, 10 Pulteney Street.

4.00pm Applied & Molecular Ecology Seminar: Occupational and environmental exposure to organophosphorus insecticides by Dr John Edwards (Environmental Health, Flinders University). McLeod Theatre, Waite.

4.00pm Centre for Evolutionary Biology & Biodiversity Seminar: Wild Solutions: How Biodiversity is Money in the Bank by Prof Andy Beattie (Centre for Biodiversity & Bioresources, School of Biological Sciences, Macquarie Uni). Hawker Lecture Theatre, Waite.

6.30pm Economic Society of Australia Talk: Law and Economics: dialogue or disdain? by Hon Justice Michael Kirby AC. Lyrics Room, Adelaide Festival Centre. Details: Jan Holmes, tel/fax 8352 7671.

FRIDAY 17 AUGUST

10.00am Social Inquiry (Labour Studies) Seminar: Greek migrants and Australian identities by Toulia Nicolacopoulos. Seminar Room, Level 3, 10 Pulteney Street.

11.30am Social Inquiry (Gender Studies) Seminar: Organising the PhD thesis by Kay Schaffer. Seminar Room, Level 3, Pulteney St.

1.10pm Elder Conservatorium Lunch Hour Concert: Selected Chamber Music. Ensembles from the Elder Conservatorium. Admission \$3 at the door. Elder Hall.

4.00pm Obstetrics & Gynaecology Seminar: Catch-up is bad by Associate Professor Julie Owens (Physiology). Seminar Room, 6th Floor, Medical School North.

MONDAY 20 AUGUST

12noon Plant Science Seminar: A study of the biochemical, physical and genetic factors influencing levels of malt extract in Australian barley varieties by Ms Helen Collins (PhD student). Charles Hawker Conference Centre, Waite Campus.

1.10pm Student Workshop: Academic Athleticism: Motivational talk for those with flagging energy. Counselling Centre, Ground Floor, Horace Lamb Building.

4.00pm Soil & Water Seminar: Biological and Chemical P Elimination in Constructed Wetlands by Li Wen. Room 301, Prescott Building, Waite Campus.

8.00pm Classical Association of SA Meeting: The Tomb of St Peter: has it been discovered? By Emeritus Professor Robert Crotty. Council Room, Level 7, Wills Building.

WEDNESDAY 22 AUGUST

10.10am Electrical & Electronic Engineering Seminar: Ship Classification using Radar and Image Data by Dr D Gibbins (CRC for Sensor Signal & Information Processing). Room EM212, Engineering Bldg.

12.30pm Clinical Nursing Seminar: A prospective randomised control trial of the influence of continuous subglottic drainage on pulmonary aspiration in intubated mechanically ventilated patients by Ms Amanda Rischbieth (Clinical Manager, Intensive Care Unit, Wakefield Hospital). Room 36, Level 3, Eleanor Harrauld Building, RAH.

1.00pm Environmental Biology Seminar: Invertebrate biodiversity -habitat fragmentation by Ms Fiona Hope (Environmental Biology). Benham Lecture Theatre, Benham Building.

1.10pm Geology & Geophysics Seminar: The devil's in the detail - Bryozoa of the Late Eocene St Vincent Basin by Rolf Schmidt. Mawson Lecture Theatre, Mawson Labs.

4.00pm CSIRO Land & Water Seminar: Molecular ecology of plant pathogen interactions by Paul Harvey. Plant Research Centre Auditorium, Waite Campus.

THURSDAY 23 AUGUST

12noon Hanson Centre for Cancer Research Seminar: Title to be advised, by Dr Richard D'Andrea (Molecular & Development Haemopoiesis Laboratory, Hanson Centre). Robson Lecture Theatre, Level 1, Eleanor Harrauld Building, RAH.

12.10pm Psychology Seminar: Naturalistic Decision Making by Taryn Chapman. Treatment for children with adjustment problems, following exposure to domestic violence by Caroline Bates. Room 526, Hughes Building.

1.00pm Chemical Pathology Seminar: Unravelling human diversity: Implications for disease diagnosis and therapy by Dr Michael Bawden & Dr Patricia Vazquez. Seminar Room 1, 4th Floor, Reiger Building, WCH.

4.00pm Applied & Molecular Ecology Seminar: The biology and ecology of *Pezothrips kellyanus* in citrus orchards by Darryl Jackman (PhD final seminar). McLeod Theatre, Waite.

FRIDAY 24 AUGUST

10.00am Social Inquiry (Labour Studies) Seminar: Public services or corporate welfare?

by Dexter Whitfield (UK). Seminar Room, Level 3, 10 Pulteney Street.

11.30am Social Inquiry (Gender Studies) Seminar: Interned women and interrupting subjectivities: a reading of corporeal, food and cross cultural relations by Lara Palombo. Seminar Room, Level 3, 10 Pulteney Street.

1.10pm Elder Conservatorium Lunch Hour Concert: Marmalade Trio. Mark Ferguson - piano, John McDermott - drums, Shireen Khemlani - bass, Jo Lawry - vocalist. Jazz with a latin tinge. \$3 at the door. Elder Hall.

4.00pm Obstetrics & Gynaecology Seminar: CRH and preterm delivery by Dr Danny Leung (Obstetrics & Gynaecology, Chinese University of Hong Kong). Seminar Room, 6th Floor, Medical School North.

MONDAY 27 AUGUST

12noon Plant Science Seminar: A functional genomics approach for studying the arabinogalactan-protein gene family of *Arabidopsis* by Dr Carolyn Schultz. Charles Hawker Conference Centre, Waite Campus.

1.10pm Geographical & Environmental Studies Seminar: Best practice in integration of coastal management: implications for South Australia by Dr Nicole Morcom (Postdoctoral Fellow). Rm 104, Environmental Studies Bldg.

4.00pm Soil & Water Seminar: Binucleate Rhizoctonia in mycorrhizal pot cultures by Rina Kasiamdari. Room 301, Prescott Building, Waite Campus.

TUESDAY 28 AUGUST

7.30pm Musicological Society of Australia: Annual General Meeting and Shelley Brunt (Naomi Cumming Prizewinner). Room 1107, Schulz Building.

WEDNESDAY 29 AUGUST

1.00pm Environmental Biology Seminar: Life history of the South Australian anchovy (*Engraulis australis*) by Mr Wetjens Dimmlich (Environmental Biology). Benham Lecture Theatre, Ground Floor, Benham Building.

1.10pm Geology & Geophysics Seminar: Palaeochannel study models - a case from the Gawler Craton, SA by Baohong Hou. Mawson Lecture Theatre, Mawson Laboratories.

THURSDAY 30 AUGUST

12noon Hanson Centre for Cancer Research Seminar: Novel N-terminal Variant of Human VDR: Function and Subcellular Distribution by Dr Edith Gardiner (Garvan Institute of Medical Research, Sydney). Robson Lecture Theatre, Level 1, Eleanor Harrauld Building, RAH.

12.10pm Psychology Seminar: Human Dimensions of Peace Support Operations by Peter Murphy. Room 526, Hughes Building.

1.00pm Chemical Pathology Seminar: Rise and Decline of the Hospital Scientist: A Cultural Perspective by Dr George Phillipov (Endocrine & Diabetics Services, QEH). Seminar Room 1, 4th Floor, Reiger Bldg, WCH.

FRIDAY 31 AUGUST

10.00am Social Inquiry (Labour Studies) Seminar: Beyond unemployment: expanding our understanding of labour market exclusion by Steven Barrett. Seminar Room, Level 3, 10 Pulteney Street.

11.30am Social Inquiry (Gender Studies) Seminar: Socially engaged Buddhism and knowing the path of development by Ali Ben Kahn. Seminar Room, Level 3, 10 Pulteney St.

1.10pm Elder Conservatorium Lunch Hour Concert: Keith Hempton - bass, Dominic Glynn - baroque violin, Zoe Lim - baroque violin, Glenys March - harpsichord, Graham Strahle - viola da gamba. Works by Buxtehude, Böhm & Schütz. Admission \$3 at the door. Elder Hall.

4.00pm Obstetrics & Gynaecology Seminar: Milk derived cytokines and neonatal mucosal immunity by Dr Imme Pentilla (CRC for Tissue Growth & Repair/Child Health Research). Seminar Room, 6th Flr, Medical School North.

GENERAL NOTICES

Situations Vacant

For details about vacant positions in the University, please refer to the University's Human Resources web page at: <<http://www.adelaide.edu.au/HR/newpos/advpos.htm>>.

Annual HR/IR Conference for the group of eight universities

The annual conference for the Group of Eight Universities will be held in Adelaide from 22 August to 24 August 2001 at the Adelaide Festival Centre. Participation is open to all Universities in Australia. The theme for this year's conference is HR Strategies for Innovation and Research.

Registration forms can be obtained from the Conference website at <www.adelaide.edu.au/HR/new/Go8conf>, including details of the program and speakers.

Professional & Continuing Education courses

Professional and Continuing Education is presenting the following professional development courses. The cost for Adelaide University staff for these one-day programs is \$220.

Strategic Thinking and Planning
7 August 2001

Communicate Like a Manager!
15 August 2001

Preparing an Effective Business Plan
21 August 2001

Creative Thinking and Problem Solving for Managers
29 August 2001

Consultative Selling
6 September 2001

Coaching, Counselling and Mentoring Skills
10 September 2001

Contact Nadia Tarasenko on 8303 3298 to enrol or for further details.

Workplace Discrimination and Sexual Harassment

Legal Compliance and Prevention

Adelaide University has joined more than eleven Australian universities (five of them Go8 with another about to sign up), in purchasing this online training program for the use of all staff.

Professional requirements, community expectations and both State and Commonwealth legislation are now clear that workplace discrimination and sexual harassment are unacceptable in the workplace. Indeed, the costs of these are considerable and range from direct costs such as legal fees to the more subtle and insidious ones of lowered morale and productivity, increased absenteeism and staff turnover.

Adelaide University is committed both to the values of fairness and diversity and to the practical issue of quality support for its staff.

The University has provided training on an ad hoc basis for some years and attempted to make it available to as many staff as possible. Going online extends our reach and flexibility.

Staff who have mislaid their user name and pin numbers and any members of the University community wanting more information about this program are encouraged to email <equity@adelaide.edu.au>.

Student Evaluation of Teaching

The Advisory Centre for University Education (ACUE) provides a service to all University teaching staff who wish to evaluate their teaching. This service is known as Student Evaluation of Teaching (SET). Staff wishing to use SET for the first time should call the Evaluation Service Office, ext 33496/33023 or visit our website at: <http://www.acue.adelaide.edu.au/acue/fs_services.html>, for a copy of the package.

The package contains a User Manual, appropriate evaluation request forms, and some information concerning applications for promotion and tenure.

The service is generally free of charge and is available to all teaching staff of the University. However, it is ACUE policy that all requests are placed in a queue determined strictly by date of receipt. Requests which do not allow sufficient lead time may not be processed. The minimum requirement is 4 weeks prior to the planned evaluation. We recognise that occasionally there will be circumstances where a staff member will need to request an evaluation service but cannot give the required minimum notice. In these cases a service will be provided within five working days and a priority fee of \$75 charged.

Research Branch: special notices

Innovation Action Plan initiatives

Information about the two following initiatives recently announced as part of the Commonwealth Government's Innovation Action Plan Backing Australia's Ability has been forwarded to all academic Departments. This information is also available through the Research Branch website (address at the bottom of this column) under 'What's New' or 'Major External Funding Schemes'. Queries: Cyril Brown in the Research Branch on ext 33534 or by email.

Centres of Excellence: A total of \$176 million is available over five years to establish Centres of Excellence in Information and Communications Technology and in Biotechnology. The Centre for ICT will be established as a single stand-alone research institute, while the Biotechnology Centre or Centres will be independent institutes established to develop and apply capabilities in key platform technologies such as functional genomics, bioinformatics and proteomics. Expressions of Interest in participating in bids for either of these Centres have been requested and are due in the Research Branch by 10 August. Following this the Deputy Vice-Chancellor (Research) proposes to bring together the various groups to discuss possible approaches to the University's involvement in participating in any bids.

Systemic Infrastructure Initiative: Under this initiative \$246 million has been made available over five years to upgrade the basic infrastructure supporting research and research training in Australian universities such as scientific and research equipment, libraries, computing centres, animal houses, herbaria etc. Funding will be provided for innovative approaches which link or expand access to shared facilities or high priority investments that will bring sector-wide strategic benefits.

Universities can submit only one proposal not involving other institutions but an unlimited number of collaborative proposals. Notifications of Intent to submit a proposal should be forwarded as soon as possible and completed applications, together with an Internal Certification Form, should reach the Research Branch by 24 August.

The Australian Research Grants Register

The 2001 edition of The Australian Research Grants Register has now been received in the Research Branch and can be consulted there. It lists and describes over 2300 grants. The Research Branch maintains a library of research related publications from various universities, funding bodies and other organizations which are available for consultation by interested staff members of the University. In addition a number of web-based search engines, in particular SPIN and COS, can be accessed through the Research Branch website. Details: contact Linda Knoben on extension 34722.

Would you like to pursue international networking? Ever thought about doing research in Germany?

Following the success of Rounds 1 & 2, Expressions of interest are now being sought for Round 3 of the Australian-German Joint Research Co-operation Scheme. This initiative is a two year pilot scheme which is jointly funded and managed by Adelaide University, the Australian National University, AusIndustry, and the German Academic Exchange Service (DAAD). It aims to foster international scholarly and scientific cooperation through funding of researchers who participate in co-operative research projects between Australia and the Federal Republic of Germany. It is envisaged that up to 100 staff exchanges will be funded during the course of the pilot scheme. Early career researchers are particularly encouraged to apply. If you do not have a German research partner and would like assistance in identifying one, contact Lynette Kelly on ext 35175.

Relocation Reminder

The Research Branch has relocated to the 11th Floor of 10 Pulteney Street.

FUNDING OPPORTUNITIES: Remember to check the Research Branch website www.adelaide.edu.au/RB/fund.html regularly for up-to-date information about current research funding opportunities.

Department of Environmental Biology

ANNUAL DINNER

The Department of Environmental Biology invites all past and present graduates and staff of the Departments of Botany, Zoology and Environmental Biology, undergraduates, their families and friends to the **2001 Annual Dinner at the Ballroom, Novotel Adelaide on Hindley, Friday 24 August 2001, 7.00pm for 7.30pm. Cost:** including 3-course meal and coffee, \$36 pp, enrolled students and graduates \$29 pp. There will also be a cash bar. **Prizes will be presented. Dress:** Smart, black tie /academic dress optional. **Tickets:** Available from Environmental Biology, tel 8303 5576 or email: rebecca.dunstan@adelaide.edu.au. **RSVP by 10 August 2001.**

Women's Professional Development Network

The WPDN is a development initiative for all women general staff of the University of Adelaide. It focuses on issues affecting the professional and personal development needs of women general staff.

For more information and instructions on how to join our listserver, visit our web site at: <<http://www.adelaide.edu.au/wpdn>> or contact Danielle Hopkins (danielle.hopkins@adelaide.edu.au, 33937) or Catherine Edis (catherine.edis@adelaide.edu.au, 36151).

Coming events: Our next lunchtime forum will be held on Wednesday August 8 at 12.30pm in the Ira Raymond room, Barr-Smith Library. The topic of the forum and discussion will be "Coping with Elderly Parents".

Conference workshop

The Key Points to Hosting a Successful Event, 2-5pm, Tuesday 28 August

The Adelaide Convention & Tourism Authority will be showcasing a complimentary workshop. Sessions will provide accurate, up-to-date and relevant information, covering key considerations for hosting a conference. Further information: Nicole Cremer, tel 8303 2337 or email: <nicki@acta.com.au>. Venue: Stamford Plaz Adelaide.

Call for Nominations: Australasian Science Prize 2001

Australasian Science magazine is proud to announce the launch of the 2001 Australasian Science Prize for outstanding achievement by an Australasian scientist. The award recognises world class science by Australasia's most inspiring minds. Australasian Science has not sought sponsorship for the Prize, preferring that it be seen as priceless recognition.

The nomination should comprise a single page abstract summarising work conducted by the nominee in Australasia and its relevance to the public. This should be signed by a proposer, a seconder and the nominee with full contact details, including e-mail addresses. An independent referee should be named.

Nominations may be for an individual or a pair/small group provided they have been contributing equally to a single, clearly identified project. Evidence of the work cited should be included. This may be a peer-reviewed paper or set of papers published between 1 September 2000 and 30 August 2001 along with copies of other communications of the work, such as media stories, radio and TV broadcasts.

The Editor and senior writers of Australasian Science will comprise the judging panel, and reserve the right to make their own nominations. The winner/s will be announced in the November/December 2001 issue of Australasian Science.

Send nominations by Friday 14 September 2001 to: The Editor, Australasian Science, Control Publications Pty Ltd, PO Box 1052, Hawksburn, VIC 3142. fax (03) 9824 2611, email: <science@control.com.au>.

Celebrate the Federation in real style!

Following the success of the 1920s "Blast from the Past" grand ball held at Urrbrae House last year, we have been overwhelmed with demands for another event this year. This year we plan a glittering evening with the opportunity to dress in long flowing evening gowns and celebrate in the style of Peter Waite and his family in 1901. The band will be "Tamarisque" and the dancing will be organised by Maureen Morris. Maureen will arrange a rehearsal evening before the ball.

Saturday 18 August. Tickets \$36 (drinks not included). Numbers will be limited so book your tickets now on 8303 7497.

Core values exposed by oil well operations

EVERY day, science and technology produce complex marvels, a bizarre example being a giant test tube 150 metres through the heart of Adelaide University.

It began a month ago with the drilling of an oil well in the university grounds, only metres away from the new building that will house the recently established School of Petroleum Engineering and Management.

"The purpose was as a training exercise for petroleum engineering students," explained Professor John Kaldi, Director of the National Centre for Petroleum Geology and Geophysics (NCPGG). "The opportunity for our students to go through the same steps as they would with a real petroleum well was one we didn't want to miss."

In fact, the well was seeking neither oil nor gas. It was planned all along as a simulation, to allow future students to study various technical data recorded from inside a well and relate their readings to actual samples of the strata that produce them.

It meant taking a core from the surface down to about 150 metres, then reaming the hole out wider and keeping the rock cuttings for future study. The well was then 'logged,' a process which involves lowering geophysical tools down the hole to record readings such as electrical signals, natural gamma radiation, rock density and other properties along its length.

The operation has provided scientists with both a physical core of the well and a corresponding log of the strata through which it was cut. As is normal practice, the experimental well has now been lined with steel tubing so that, while future readings can still be taken inside it, any further sampling of the rock strata will be impossible.

"Once the well is encased in steel, there is little you can learn about the rocks surrounding it," said Professor Kaldi. "Any tests we do inside it will access information from behind the steel casing. Here we have the ability to relate those signatures to the actual rock that we have collected."

Oil and gas may not have been expected, but the core itself produced some surprises. "We hit a seven-metre-thick coal seam," said NCPGG Senior Lecturer Dr Nick Lemon. "It wasn't a surprise in itself. When they put the light stanchions in for Adelaide Oval, they had a lot of trouble stabilising them because these brittle coal seams were underneath, but we weren't expecting such a

thickness of it.

"The other surprise was that, as we cut into the 560-million-year-old Tapley's Hill formation, we found copious quantities of nice, fresh Artesian water," said Dr Lemon. "We could if we wanted to, bottle and sell it as Adelaide University Spring Water—From the Fountain of Knowledge!"

The well intersected three of these fresh water aquifers. Because of that, it is now lined with plastic as well as steel; a safeguard to prevent the aquifers from being contaminated by any future operations planned for the well.

"This well was sunk for teaching and student research, and it will be only the fourth such one in the world and the first in the southern hemisphere," said Mr Ric Daniel, Research Fellow with the NCPGG.

"This is an enormous sealed test tube in which you can create the conditions you want and then study them," said Mr Daniel. "The well's construction will give students the opportunity to run pipes down inside it, and introduce various kinds of fluids such as oil, water and gas to simulate what happens when you try to lift gas up from a gas-or oil-bearing formation," he said. "You can create different temperatures or pressures down the hole and see what the resultant behaviour of the gases and fluids would be."

While the core is a spinoff from the teaching well, it will have its own scientific uses, according to Mr Daniel, as experts in several fields can now work on the samples.

"Sedimentary studies will show how rises and falls in sea level form a suite of rocks, palaeontologists and geologists will study the fossils and coal, and isotope studies will be used to work out previous climates," said Mr Daniel.

"The majority of formations we cut through are present along the local coast; you can see them in the cliffs at Maslins Beach," he said, "But they are very weathered there. With this core we can work on them in the unweathered state, and we may get some more interesting and accurate information, especially with carbon and oxygen isotopes."

Before it dries and crumbles, the core will be digitally photographed to provide a permanent record, and finally embedded in epoxy resin for exhibition. As this is the most continuous core from the formations that underlie the Adelaide Plains, both the South Australian Museum and PIRSA (Primary Industries SA) have expressed interest in



The oil well drilling in progress. The well has yielded some unique results.

displaying it.

Because of its many uses, the design and sinking of the well drew on the expertise of several players. "The University of Texas, Austin, which has a similar well, did the initial design, with input from our own new head of the school of petroleum engineering," said Professor Kaldi. "Santos gave us their drilling engineering expertise; for the logging we had Schlumberger, while Wolfgang Preiss from PIRSA predicted the geological sub-

surface properties," he said.

"Our own staff and students did a great deal of the work and collected and bagged the samples."

"It was a really effective multidisciplinary team, said Professor Kaldi. "The whole idea of the new School means the marriage of disciplines and industry, so this well falls right in line with that."

—Rob Morrison

Open Day: Engineering, Computer Science & Maths

Adelaide University is known nationally and internationally for the high standard of its engineering programs. It is also a national leader in mathematics and computer science, including the application of mathematics to the telecommunications industry.

The University's new School of Petroleum Engineering and Management is the latest addition to these areas of study. Opening in 2002, the new school is supported by a \$25m donation by major Australian oil and gas company Santos. The school aims to produce world-class petroleum engineering graduates to benefit the Australian and South-East Asian petroleum industries.

Where can you find out more about studying in Engineering, Computer and Mathematical Sciences? Where else but Open Day (Sunday, August 19).

Engineering

Bonython Hall

- Talk to our staff about study and career opportunities

Engineering Maths Building, Room EM205

- Talk to our staff
- Visit our interactive displays
- Between 11:30am & 3:00pm take a tour of Chemical Engineering, Civil & Environmental Engineering, Electrical & Electronic Engineering and Mechanical Engineering. See the large scale laboratories that are used for research, consulting or student teaching. Talk to our guides about their experiences as engineering students.
- Take part in the **Family Engineering Challenge** at 12 noon.

Horace Lamb Lecture Theatre

- Hear about our degrees at 11:00am, 1:30pm or 3:00pm

Family Engineering Challenge near the Engineering Maths Building

- Take part in the **Family Engineering Challenge** at 12noon. Teams of up to four members are invited to compete

for an attractive prize. Places are limited so sign up in EM205 or Bonython Hall. The Challenge will be judged at 12:45pm, come and see the results.

Mathematical & Computer Sciences

Bonython Hall

- Talk to our Mathematics and Computer Science staff

Engineering Maths Building, Room EM205

- Talk to our Mathematics and Computer Science staff
- Visit our Mathematics and Computer Science displays
- Tour Computer Science between 11:30am and 3:00pm. See the facilities that are used for research, consulting and student teaching.

Horace Lamb Lecture Theatre

- Learn about our Computer Science and Mathematical & Computer Sciences degrees at 10:30am, 1:00pm or 2:30pm





GRADUATIONS

PRIZES FOR EXCELLENCE IN TEACHING

FOUR of Adelaide University's academic staff have been chosen to receive this year's Stephen Cole the Elder Prizes for Teaching.

Nominations for the \$5000 prizes come from students and fellow staff members, acknowledging enthusiasm, leadership and innovation in teaching.

Awarded by the Deputy Vice-Chancellor (Education) and Provost, Professor Penny Boumelha, the prizes are presented to academic members of staff during their faculties' graduation ceremonies.

Two staff members (Dr Amanda LeCouteur and Dr Joy McEntee) will receive their awards at this month's mid-year graduations, while the others (Dr Simon Pyke and Dr Anthony Pohl) will receive their awards at the end-of-year graduations in December. Stories about the December recipients will appear in that month's issue of the Adelaidean.



Dr Joy McEntee.

Dr Joy McEntee has been teaching at Adelaide University for the past three years. A graduate of Monash and the University of Western Australia, her background spans a range of different adult learning environments, such as teaching students with disabilities and language problems.

As a lecturer in Adelaide's Department of English, she has quickly made her mark with colleagues and students alike. She currently lectures in American Gothic and English for Professional Purposes, which includes English as a Second Language.

Whether it's discussing the nature of Hannibal Lecter's "food chain" in *The Silence of the Lambs*, or the impact on real-life nannies of films such as *The Hand That Rocks the Cradle*, Dr McEntee manages to inspire, educate and entertain her students.

"Joy is always enthusiastic in her approach to teaching," wrote one student, "and her friendly and open way of communicating with students makes learning even difficult theoretical concepts interesting and entertaining... For the first time in five years of studying critical theory I was able to understand Foucault!"

Another student wrote: "Her ability to grab

her students' attention is remarkable. She has the talent of making the lecture material both interesting and informative. She is always encouraging student participation, and is clearly interested to hear our opinions."

Dr McEntee said she was proud to receive the Stephen Cole the Elder Prize for Excellence in Teaching.

"It's great to get this individual recognition of the fact that I've been working hard, and thinking hard, about my teaching practice," she said.

"I've brought much of what I've learned from my other teaching roles to the University. I like to have equality in the classroom as much as is practicable, and I'm always prepared to have fun while at the same time maintaining some degree of rigour. Learning does not have to be tedious."

Dr McEntee said she owed a lot to her colleagues at the University.

"In the English Department we have a concentration of really great teachers—teachers whose excellence has been acknowledged time and again in the Stephen Cole the Elder prizes. Some, like Susan Hosking, have been acknowledged nationally.

"The leadership and support provided by Sue has been absolutely crucial to any success my

students have experienced with me. It's also important that funding was provided—by far-sighted people—at crucial moments to help me develop particular strands of my teaching, like the ESL option."

Dr McEntee has used her prize money to buy a new computer "so I can keep up with the expansion of online teaching".

"With what's left over I may take some online courses offered by UCLA—either screenwriting or online teaching, I haven't decided which yet."

Dr Amanda LeCouteur has a strong understanding of teaching at Adelaide University, having experienced it first as a student, both undergraduate and postgraduate, and now as an academic staff member.

A senior lecturer in the Department of Psychology, Dr LeCouteur teaches classes in Research Methods, Gender & Psychology and Metapsychology (looking at the inter-relationship of science and psychology, with an emphasis on their real-world applications).

"It's great to have my teaching recognised in this way," Dr LeCouteur said of her Stephen Cole the Elder Prize.

"There's a lot of emphasis on research at this University, and rightly so, but the teaching is obviously very important. I get a lot of pleasure out of it, and I'm genuinely interested in the work that I'm doing. I try to convey that interest to students and encourage them to think critically about the information I'm discussing with them—and, in particular, how they might apply it to their own lives and the society they live in."

That approach is having an effect. As one student wrote: "Dr LeCouteur's passion for the material she teaches is obvious to her students... She is able to relate complicated subject matter to a television program she watched last night, or a figure of speech used by her daughter. One gets the feeling that teaching is not simply a job for Dr LeCouteur, but a way of life: her everyday experiences are informed by the subjects she teaches, and the subjects she



Dr Amanda LeCouteur.

teaches are, in turn, informed by her experiences."

Dr LeCouteur's teaching is also informed by her research, which primarily deals with issues of gender, language and discourse, and how they link into current, contemporary social issues, such as politics. Her own research, and that of her colleagues at Adelaide and other universities, invariably finds its way into the classroom for discussion.

"Teaching can be a lot of hard work. Just as you would write multiple drafts of an academic paper, I also write multiple drafts of lectures, honing, polishing and constantly changing them to keep the work up-to-date," she said.

Dr LeCouteur counts two of the Department's former staff members as her role models in teaching: the late Frank Dalziel ("I was one of his students, and then a friend. He treated students as people and was genuinely interested in them") and the late Inara Proske ("a great mentor").

"Both Frank and Inara showed that the human interaction with students could be both rewarding and worthwhile. It's a lesson I learnt as a student and I've carried it with me into teaching. You get a lot back from students—they have a lot to offer."

Open Day: Music, health sciences, postgrads

The Elder School of Music

The Elder School of Music will set up its information booth in the foyer of Elder Hall. This will allow staff from the two merging institutions (The Elder Conservatorium and The Flinders Street School of Music) to provide comprehensive information on the new School.

Performances will also be held in Elder Hall, including a Conservatorium Symphony Orchestra rehearsal, Jazz and Choir performances.

The Performing Arts Technology Unit on Level 5 of the Schulz Building will also have activities running throughout the day.

Postgraduate Programs

Interested in a change of direction, or in going on to further study after your undergraduate degree? Adelaide University offers a wide range of postgraduate coursework programs in all faculties which can build on your knowledge of a particular discipline, introduce you to further studies in a new area or even provide a professional qualification. With the Federal Government currently considering a student loans scheme for postgrad

coursework studies (similar to HECS) postgraduate study may be more affordable than you think.

The University also offers research-based Masters and PhD programs for those who wish to enter upon a specific program of supervised research, and to further develop their research skills.

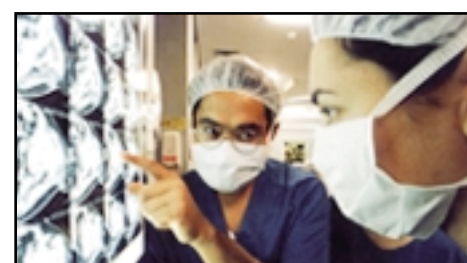
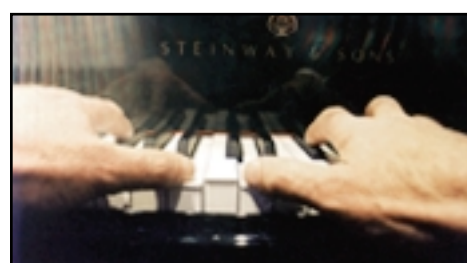
Come and hear about opportunities for postgraduate studies at 10.00am or 1.00pm in Lecture Theatre 2, Level 3, Ligertwood Building, or visit the Postgraduate Information booth in Bonython Hall.

Wilto Yerlo Indigenous and Torres Strait Islander Programs

Wilto Yerlo invites all students, families and friends to join staff and students on the Hughes Plaza for musical entertainment provided by students of the Centre for Aboriginal Studies in Music (CASM), and a delicious barbeque of marinated roo and deep sea bream. Academic and support staff will be available to discuss programs and support available for Indigenous applicants to Adelaide University programs.

Special tours of Medicine:

Tours of Medicine for Indigenous



students will depart from Wilto Yerlo on Hughes Plaza at 11.30am and 2.30pm. Find out what is happening for Indigenous students within the Faculty of Health Sciences.

Health Sciences - Medical and Dental Schools

- Visit the Medical School
- Tour the most advanced dental clinic in the Southern Hemisphere:

the Colgate Australian Clinical Dental Research Centre.

- Talk to staff about studying Medicine, Health Sciences, Dentistry or the new Bachelor of Oral Health program
- See real skeletons, try your hand at suturing a fake arm, have your blood pressure taken, have a go at laparoscopic surgery
- Learn about Pathology

Obituary: Irvine Noel Baker 1932-2001

MATHEMATICIANS are rarely famous. If they achieve fame it is because of the consequences of their mathematics rather than the mathematics itself.

Noel Baker, raised at Virginia, South Australia, was an Adelaide-educated pure mathematician whose work achieved international status and was highly influential among his peers.

His most enduring research, about which he wrote more than 70 papers, concerned the subject of complex dynamics, in which complex functions, or processes, are applied repeatedly to obtain sequences of points in a plane. Such sequences may behave in a stable, or in a chaotic manner, and often give rise to complicated "fractal" sets.

The subject originated with work of the French mathematicians Pierre Fatou and Gaston Julia in the 1920s, but lay largely dormant for half a century after that. Noel Baker, almost alone, kept the subject alive, extending many of the results of Fatou and Julia from rational functions to transcendental entire functions, and proving important new results that laid the foundation for later developments. Much of his work dealt with "wandering domains", and some are named in his honour as "Baker domains".

Noel's university studies began at Adelaide University, from 1949 to 1955. There his prowess as a student was highlighted by continuing academic excellence and further development of his musical talent at the piano; pursuing piano studies at the University's Elder Conservatorium under the then senior piano teacher, Raymond O'Connell.

Following the award of an honours degree in

mathematics he took his MSc by thesis. During that period he became a student and colleague of George Szekeres (later Professor of Mathematics at Sydney University). This was the foundation of a lifetime's friendship. Beyond mathematics they held a common interest in chamber music, George on violin and Noel at the piano.

Noel's dual interests in music and mathematics encouraged him to take up study of the German language (previously he had studied French and Latin). That enabled him to apply for, and win, a German government scholarship, achieved with his usual modesty. In 1955 that took him to the University of Tübingen south of Stuttgart, where he obtained his doctorate.

In Tübingen Baker met Gillian Hawkins, a language student from London, whom he married in 1958. The marriage was an enduring and happy one. Apart from mathematics, all their interests ran in common, especially a love of music (inherited by both their sons), rambling through countryside, visiting and studying historic places.

From 1957-59 Noel Baker taught maths at the University of Edmonton, Alberta, before being drawn to Imperial College in London's South Kensington, whose attraction was a group of mathematicians led by Professor Walter Hayman. He played an active part in the life of the Mathematics Department retiring as Emeritus Professor in 1997; he was still active as a Senior Research Fellow until the day of his death by sudden heart attack. He was aged 68.

By the 1980s, interest in complex dynamics had revived and the subject has experienced explosive growth worldwide since then. Noel

Baker was at the centre of many of the new developments, but retained the quiet and unassuming manner of one who considered himself "a small fish in a big pond". He once said, "I used to think that, as one scaled the heights of knowledge in a particular field, one would reach a plateau where all fellows there would be equal. Having scaled one very long ladder, I now see further ladders and plateaus reaching skywards to infinity."

His work will continue through his many research students who are active in academic life around the world in countries such as India, Nigeria and Mexico.

His passion for music was further manifest in his active participation in organising a series of Lunch Hour Chamber Music Concerts for Imperial College, with performers including the pianist, Martino Tirimo, and the Australian String Quartet.

His last published paper is dedicated to George Szekeres on his 90th birthday.

Noel is survived by his wife Gillian and two sons, Stephen and Michael.

—Philip Fargher Irvine Baker.



Advertisement

Big Screen Projection

EPSON



Project your computer and video images in full colour and high quality with the **EPSON EMP-8150** projector. It is perfect for all **large venues** including lecture theatres, auditoriums and theatrettes. This projector features an ultrabright light output of **3200 ansi lumens** and **XGA, 1024x768 computer resolution**.

The **EPSON EMP-8150** heralds the 'next generation' in advanced data projectors. Featuring cutting edge technology, it is able to **connect to your network resources with its own IP address**, and also features a PCMCIA card slot for presentations direct from memory cards.

EPSON have a range of projectors priced from \$5,445.00 inc GST



For further information or a demonstration contact
Stuart Evans
Leedall Presentation Systems
234 Gilbert Street
Adelaide SA 5000
Ph 8231 9262
Fax 8231 3767
Email leedall@dove.net.au

Open Day: Waite & Roseworthy campuses



The university's Roseworthy and Waite campuses are hi-tech hubs of science and technology which greatly benefit agricultural science, the environment and industry.

Roseworthy Campus is holding an information day on Friday 17 August (10am -3.30pm). This is your chance to get a taste of the cutting-edge work being done at Roseworthy campus in the field of Animal Science. Highlights of the day include information talks and tours of teaching and residential facilities. For bookings phone 8303 7854.

Academic programs talks at Roseworthy include sessions on Natural Resource Management and Horse Husbandry and Management,

as well as the Agricultural Science programs offered by Adelaide University.

For more information, visit our website: www.adelaide.edu.au

Waite Campus is available for tours only (Sunday 19 August). Bookings are essential: phone 8303 7228.

Meanwhile, Roseworthy will have its major Open Day on Sunday October 7. Members of the community, prospective, current and past students, and the media are invited to visit the campus and learn about the programs and facilities in an informal and fun atmosphere.

More details will be provided in coming issues of the *Adelaidean*.

Jones to speak at HR conference

DR BARRY Jones, one of the key architects of the Australian Labor Party's "Knowledge Nation" report, will be the guest speaker at the launch of a national conference into universities' human resources.

The annual HR conference for the Group of Eight Universities (Go8) will be held in Adelaide over two days, 23 and 24 August, at the Adelaide Festival Centre.

The theme of this year's conference is "HR Strategies for Innovation and Research".

Dr Jones is a former ALP president and is currently chairperson of the Knowledge Nation Task Force. He will speak at the

dinner on 22 August, which is the official launch of the conference.

Guest speakers at the conference include many from Adelaide University: Professor Edwina Cornish, Deputy Vice Chancellor (Research); Professor Malcolm Gillies, President of the Australian Academy of the Humanities, Pro Vice-Chancellor (Commercialisation) and Executive Dean of Humanities & Social Sciences and PALACE; Professor Derek Frewin, Executive Dean of Health Sciences; and Professor Peter Rathjen, Head of Molecular Biosciences.

Their topics span a range of issues in university human resources, particularly those

that affect Australia's major research universities.

Topics include "Collegiality: Myths and Realities", "The war for research talent", "Working for a Name!", and "Creating a Culture of Intellectual Property Recognition".

Other speakers include Professor Don McNicol, Vice-Chancellor of the University of Tasmania, Professor Peter Coaldrake, Deputy Vice-Chancellor with Queensland University of Technology, and Professor Ian Chubb, Vice-Chancellor of the Australian National University.

For more information, visit the HR website: www.adelaide.edu.au/HR/new/Go8conf/

Timor's dental reconstruction

From Page 3

"In the last week the oral health care workers had the opportunity to put what they had learnt into practice. The course participants examined and treated 114 patients in the Dili Dental Clinic and extracted some 144 teeth."

Other Dental School staff that assisted at various stages of the training program included Infection Control Practitioner Mrs Judy Bail RN, Clinical Senior Lecturer Dr Simon Moore, and Head of the Oral and Maxillofacial Surgery Unit Professor Alastair Goss.

"With dental services currently at a bare minimum in East Timor, Dental School staff could have filled the role as service providers—but in the long term that wouldn't have achieved a great deal. The key to a sustainable dental service in East Timor is the education and training of indigenous oral health workers with the essential focus being on the prevention of oral disease," Dr Von Doussa said.

"The Interim Dentistry Project has played a very important role in the mobilisation of oral health workers as service providers and is the forerunner to a significantly bigger program which will provide the basis for an East Timor National Oral Health Program."

The Project, which is part of the East Timor National Oral Health Program, was funded by the Australian Government through the Australian Agency for International Development (AusAID) and managed with assistance from SAGRIC International.

—Ben Osborne

European wasps a pest for all seasons

From Page 1

"Entomopathogenic nematodes (microscopic worms that kill insects) have been demonstrated to kill wasps in the laboratory. The search is now on for a strain of nematode that will be effective against wasp nests in natural conditions," Dr Reeson said.

"There are also fungal diseases found in wasp nests which can kill them under certain circumstances. However, as might be expected for anything living in crowded colonies containing thousands of other individuals, wasps have evolved a very effective immune system.

"Another approach may be to target the bacteria associated with wasps rather than the wasps themselves. Certain bacteria appear to be closely associated with wasp guts, and may prove to play an important role in the digestive system. So by knocking out these bacteria it may be possible to disrupt the entire nest," Dr Reeson said.

For more information about wasps and wasp research in South Australia, visit the Adelaide University European wasp website: www.waite.adelaide.edu.au/europeanwasp.



This huge nest uncovered at Stirling in the Adelaide Hills is one example of "overwintering".

Open Day: The Professional choice

With a degree from Adelaide University, your training in the professions is recognised world wide. A range of educational opportunities is available to students who wish to become professionals in the real world. Study opportunities in our new Faculty of the Professions (starting in 2002) will be showcased at Open Day (August 19).

Architecture, Landscape Architecture and Urban Design

How do you become an architect or landscape architect? What do they do?

- Ask our staff in Bonython Hall
- Attend a career talk at 11.30am or an academic program talk at 12.30pm in the Display Room, Level 4, Architecture Building
- See a Construction Model-Making Workshop by 1st year Design Studies students in the Foyer, Level 4, Architecture Building
- Visit an exhibition of students' work in the Common Room, Level 4, Architecture Building.

Commerce

Are you interested in the world of corporate finance or would you like to pursue a career in marketing or international business? If you thought that commerce degrees were just for accountants, or if you want to find out

more about our degrees in management, marketing, accounting, corporate finance or international business:

- Visit us in Bonython Hall
- Attend one of the program talks at 10.00am or 1.30pm in the Napier Building.

Economics/Finance

What makes the Australian economy tick? Why all the fuss about globalisation? Why is Adelaide the wine capital of Australia? How do share traders make a fortune?

Find out about the programs we offer in economics, finance, international agribusiness and more - leading to a wide range of careers anywhere in the world.

- Ask our staff in Bonython Hall
- Listen to a program talk at 10.30am or 12noon, Lecture Theatre 102 in the Napier Building

Talk to staff and students and try our computer simulation games and quizzes, in the Economics Foyer area, Ground Floor, Napier Building.

Law

Do you want a career in law? Come and visit us to have all your questions answered - about entry requirements, the study of law and the career opportunities available after



graduation.

- Visit Law School staff in Bonython Hall
- Attend an academic program talk in the Law School (Ligertwood

Building) at 11.00am or 2.30pm

- See a trial advocacy demonstration presented by the Law Students' Society at 1.30pm in Lecture Theatre 2, Level 3, Law School.

Win!!!!!! Hewlett Packard Palm Pilot (valued at \$1,000)

To enter simply complete a visitor survey during Open Day and place in the boxes provided in Bonython Hall, Unibooks, Medical School, Info booth at Sciences Street Party, Napier Building or Room EM205 in the Maths and Engineering Building. Prizes will be drawn at 3.30pm on the day in Bonython Hall. Winners will be contacted on 20 August.

Look in your information bag on the day for a copy of the survey. Extras available from the info booths or from anyone wearing an "ASK ME" badge.

ALUMNI NEWS

CORNELL CHAPTER PRESENTS ITS ANNUAL FILM NIGHT

The Cornell Chapter (Arts & Performing Arts) will be holding its annual film evening on 16 August at the Trak Cinema with the opening night screening of "Captain Corelli's Mandolin" (MA rating). This film, which commences at 6:45pm, is based on the novel of the same name authored by Louis de Berniere and has a star-studded cast including Nicholas Cage, Penelope Cruz and John Hurt. All tickets are \$10 and include live mandolin music and a complimentary glass of wine from 6:15pm. Tickets are available from the Alumni Office, Level 1, 230 North Terrace or at the door. The Trak Cinema is located on Greenhill Road, Toorak Gardens. Free parking is located behind the cinema or in Burnside Village.

MURDER IN PARADISE

The John Bray Law Chapter is pleased to announce "Murder in Paradise", a talk by His Honour Judge Andrew Wilson A.M. to be held at 5:30pm on 23 August in the Equinox, Level 4, Union House.

On July 16, 1999 at a political gathering at St Joseph's Hall, Apia, Samoa, the Samoan Minister for Public Works, Luagalau Levaula Kamu was shot and killed with an M16 rifle whilst he was speaking on a mobile telephone. The killing was the first political assassination in Samoa and sent shock waves throughout the normally placid Pacific.

At a sensational trial, which followed, it was alleged that the killing was undertaken at the behest of Samoan Minister for Women's Affairs Leafa Vitale and his former Cabinet colleague Toi Aukoso Cain. Leafa's son, Alatis, had pleaded guilty to the murder of Luagalau. The case focussed attention on government corruption in Samoa. The crime was seen as an attempt to de-stabilise the democratically elected government. The rule of law itself was under challenge.

The trial Judge, Justice Andrew Wilson, from Adelaide, presided over the trial with a five man "jury" in a purpose-built high-security courtroom established in the Congregational Christian Church Youth Hall in Apia. Both Leafa and Toi were convicted of murder and sentenced to death; their sentences were later commuted to life imprisonment. The case involved many complex legal, social, and cultural issues and it received media coverage worldwide.

Tickets \$15 (\$10 students), from the Alumni Office. Light refreshments following the talk. Cash bar available. For details: Joan Soon, tel 8303 3317.

MEDICAL VIGNERONS LUNCHEON

The Florey Medical Chapter will be holding its annual Medical Vignerons Luncheon and brief AGM on Sunday 28 October 2001 at the Glenelg Golf Club. Further details will appear in the September issue of the *Adelaidean*.

UK alumni launched in London

ANOTHER international group of Adelaide alumni has been established, this time in the United Kingdom.

About 100 people enjoyed an inaugural function for UK-based alumni of Adelaide University at the Australian High Commission in London in July.

Those in attendance ranged from 19-year-old recent graduates to those who had left the University in 1946. Also present was Vice-Chancellor Professor Mary O'Kane, who outlined the University's vision and provided an update on recent achievements.

Professor O'Kane praised the efforts of the UK-based alumni, which will "play a valuable role in assisting with networking and raising

[the University's] profile internationally", she said. "I commend the organising committee for their enthusiasm and energy in making this happen."

The evening was an excellent opportunity for UK alumni to catch up with people they had not seen for years. Special guests included representatives from the UK alumni of Sydney, Melbourne and Monash universities, who were most impressed with the success of the inaugural event.

The organising committee looks forward to another event at Oxford or Cambridge later this year, possibly including visiting Adelaide University academics. It is envisaged that the UK group will hold around two events each

year for UK-based alumni.

The group is expected to become a formal chapter of the Alumni Association later this year, joining the ranks of other international chapters in Malaysia, Singapore and Hong Kong.

Anyone interested in helping the UK members of the Adelaide University's alumni, or in receiving information on future events, should email: <adelaide.alumni.uk@bigfoot.com>.

The function was generously supported by a number of South Australian companies, including Coopers, Penfolds, Lindemans and Two Dogs, as well as the office of the Agent General for South Australia.

Mutual Community Postgraduate Travel Grants

Applications are now available for the September round of the Mutual Community Postgraduate Travel Grants. Up to three grants, each worth \$2,500, are available to assist doctoral candidates (a) to travel to a conference at which the student will present his or her work, or (b) to travel to another institution to learn a particular method essential to his or her own work (which cannot be learned at Adelaide). Such travel may be undertaken within the state, within Australia, or overseas.

One of the recipients of the April round of these grants, Yvette Tan, travelled to Germany to attend the Association for the

Study of New Literatures in English Conference 2001 held at the prestigious University of Freiburg. Yvette's paper entitled "Imperial Pretensions and The Pleasures of Conquest" was presented on the second day of the conference and was extremely well received.

Applications for the September round can be downloaded from the Alumni, Community Relations and Development website at www.adelaide.edu.au/alumni or sent to you via internal mail, or from our office at Level 1, 230 North Terrace. The deadline for submission of applications is no later than 5:00pm on Friday, 14 September 2001. Please contact Joan Soon at (08) 8303 3317 for further information.

CAMPUS TOURS



Learn about the history and heritage of Adelaide University on a free tour conducted by trained guides from the University's Alumni Association.

Tours depart each Tuesday morning at 10.30am from University Gate 20, next to the Art Gallery of SA on North Terrace.

Groups may make arrangements for tours at other times by calling the Alumni, Community Relations and Development office on (08) 8303 3234.

Queen's Birthday honours

Due to a technical fault, the Honours list printed in last issue was partially incorrect. The following is the accurate listing:

Officer in the Order of Australia (General Division)

Professor Paul Zev Zimmet, AM
Dr Anthony James Shinkfield, AM
Dr John Augustine O'Loughlin

Member in the Order of Australia (General Division)

Professor John Kerr Findlay
Dr Michael Dean Bollen
Dr Peter Callel Joseph
Dr John Clive Radcliffe, OAM

Ms Janine Haines
Ms Alison Joan Kinsman

Medal of the Order of Australia (General Division)

Dr Rodney Frederick Carter
Dr Margaret Rose Kyrkou
Mr Kevin Clive Rogers
Mr Ben Lonyainga Yengi

Public Service Medal

Dr Ann Patricia Hamblin

Australia Fire Service Medal

Mr Anthony John Wiedeman

COURSEWORK

If you are interested in a change of direction or in furthering your existing qualifications the University offers a wide range of postgraduate coursework programs in all faculties that can build on your knowledge, introduce you to further studies in a new area or even provide a professional qualification. With the Federal Government currently considering a student loans scheme for postgraduate coursework studies similar to HECS, postgraduate study may be more affordable than you think. The University also offers research-based Masters and PhD programs for those who wish to enter upon a specific program of supervised research, and to further develop their research skills. Come and hear about opportunities at 10am or 1pm in Lecture Theatre 2, Level 3, Ligertwood Building, or visit the Postgraduate Information booth in Bonython Hall. Details: Kim McBride, tel (08) 8303 3196.

Advertisement

Our help makes hosting your conference easier.

National and international recognition in any area of expertise can attract many opportunities for those who are able to present and promote their work with style and professionalism. And what better backdrop is there than the attractions of Adelaide's internationally renowned entertainment, food and wine regions?

Which is why the Adelaide Convention & Tourism Authority (ACTA) provides free assistance through its University Project to attract and stage outstanding conferences. Our services include:

- Preparation of proposals to attract regional, national and international conferences to South Australia;
- Conference facilities, venue and catering advice;
- Videos, posters and brochures for publicity, delegate satchels and conference promotion;
- Conference budgeting, organisation and planning advice;

- Intensive conference training through the "Essential conference organiser's workshop", held each quarter.

The opportunity to successfully promote your expertise and research to industry, government and the community will always be important. With our local knowledge and an ideal setting to help, you will be able to focus on what you do best.

Find out more by contacting ACTA's University Project on (08) 8303 2333 or uni@acta.com.au
Adelaide Convention and Tourism Authority
Level 2, 18 King William St, Adelaide SA 5000
Phone +61 8 8303 2333
Facsimile +61 8 8303 2355
<http://www.visit.adelaide.on.net>


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AUSTRALIA

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Open Day invitation

The Alumni, Community Relations and Development office will be profiling the Alumni Association as part of Adelaide University's Open Day on 19 August 2001.

Our visual display, including your business cards, will highlight the diversity of our alumni to prospective students and their parents. We have received, with great appreciation, numerous cards from all over Australia and overseas. There is still time to send in your cards if you would like to support us in showcasing our Association and University. The cards will be used solely for

this purpose and will not be distributed to a third party. For further details please contact Kim McBride at (08) 8303 3196.

Open Day is a wonderful opportunity to visit your alma mater. You can find out how Adelaide University continues to advance knowledge, promote scientific and technical innovation and serve the cultural and educational needs of all South Australians. We invite you to learn more about the Alumni Association and the Alumni, Community Relations and Development office by visiting our booth in Bonython Hall.

NEW MERCHANDISE RANGE

Come in and view our new merchandise range available from the Alumni, Community Relations and Development office, Level 1, 230 North Terrace. The new range includes champagne stoppers in matt silver, luggage locks and pens each engraved with the Adelaide University logo, redwood paper weights and bowls and much more!

Colombo Plan's 50th celebrations



FIFTY years ago, students from Malaysia and other Commonwealth nations traveled to Australian universities to study, thanks to a major scholarship program that lasted until the 1980s—the Colombo Plan.

The Plan was aimed at economic development in South-East Asia, and was a widely acclaimed example of Australia's support to the region.

Today, many former Colombo Plan scholars occupy senior positions in the Malaysian and Singaporean Governments, academia and the corporate world. Colombo Plan graduates are prominent in other countries as well.

Last month, two major events were held in Kuala Lumpur to mark the 50th anniversary of the Colombo Plan.

The Harry Medlin Testimonial Dinner celebrated the achievements of Adelaide University's Colombo Plan graduates, and paid tribute to the efforts of Dr Harry Medlin, Alumni Envoy to East and South-East Asia.

The following day, the Australian High Commission in Kuala Lumpur held the official celebration of the Colombo Plan's 50th anniversary, which was attended by hundreds of graduates.



Vice-Chancellor Mary O'Kane congratulates Colombo Plan graduate Kho Chin Heng.



Dato Sri Sreenevasan with his wife, Datin Sreenevasan.



The Adelaide University "Colombo Plan Class" with other staff and graduates.



Datuk Sam Abraham speaks at the dinner honouring Dr Harry Medlin.



Dr Harry Medlin (centre) with Dr Ajeet Kaur Gill (left) and Datuk Paduka Ruby Majeed.



Alumni Chair Greg Crafter with the President of the Malaysian Alumni Chapter, Mathew Thomas Philip.

Open Day: Food, friends and entertainment

There's plenty to see, do and experience at Open Day (Sunday 19 August).

Eating Places

- International food on Goodman Crescent Lawns and Barr Smith Lawns
- Bush BBQ with Wilto Yerlo on Hughes Plaza
- BBQ at the front of the Medical School
- Science Street Party - Sausage Sizzle
- Napier Building - Tea and Coffee
- Napier Building - Sausage Sizzle

Entertainment

- Indigenous music on Hughes Plaza
- Knee High Puppeteers on Goodman Crescent Lawns and Barr Smith Lawns
- Sports and Clubs displays throughout the day on Barr Smith Lawns
- 5UV on Goodman Crescent Lawns and Barr Smith Lawns
- Music performances throughout the day in Elder Hall

- Percussion performance - 10.15-11.15am
- Jazz performance - 11.30am-12.30pm
- Elder Conservatorium Symphony Orchestra rehearsal - 2-4pm

Alumni, Community Relations and Development

Did you know that the University's alumni and friends are an active and valuable part of the University community? Learn more about how you can be involved in the Alumni Association's events and programs and how this vibrant group contributes to both University and community life. Visit the Alumni, Community Relations and Development display in Bonython Hall and in the marquee on Goodman Crescent Lawns.

Professional and Continuing Education

Win a Professional Development Course! Come along to our display in Bonython

Hall and enter the draw to win a Professional Development course valued at \$275! Choose from our wide range of Business and Management Development, Leadership and Supervisory Development, Professional Communication or Personal Development courses.

The Centre for Professional and Continuing Education offers a wide range of professional and personal development programs, computer training, Year 12 vacation seminars, a Pre-Enrolment English Program, study tours abroad and a Summer School, in addition to language and culture programs.

5UV Radio Adelaide

5UV Radio Adelaide offers community access to state of the art broadcasting and production facilities. The station has over 500 volunteers supported by a small core staff. Student Radio from 9pm each night is managed and run by students from Adelaide, UniSA and Flinders University.

A national leader in broadcast training, 5UV Radio Adelaide offers nationally accredited training in a real-life broadcasting environment. If you'd like to find out about our training courses or becoming a volunteer, call the station during business hours on 8303 5000 or email: <radio5UV@adelaide.edu.au>.

Residential Colleges

Staff from St Ann's College, St Mark's College and Lincoln College are available in Bonython Hall to answer your questions about living and studying in a residential college. All colleges offer academic and personal support to their students.

Barr Smith Library

The University's major library complex will be open too. Come in to see the beautiful heritage-listed Reading Room.

We also have an information booth in Bonython Hall.

www.adelaide.edu.au/5UV

August 2001

SUV Radio Adelaide 531am

5UV Radio Adelaide LIVE ON CAMPUS for Adelaide University Open Day 10am to 12 noon Sunday August 19

tune in for an advance tasting of all there is to see and do at Open Day. Find us in the Goodman Lawns marquee.

Adelaide radio's exclusive coverage of the Festival of Ideas 2001 continues **Sundays at 11am on Public Domain**

Sunday August 5 **Has Science Abolished God?**
Rodney Brooks, Raimond Gaita, Owen Gingerich
Bishop Shelby Spong, Margaret Wertheim, Paul Davies

Sunday August 12 **Miraca Gross**
All gifts are equal... keynote address for the Australian Society for Music Educators conference held at Adelaide University in July

Like your music hot?
La Bomba
Latin music sensation with Natalie Stansfield & Hugo Salcedo
10pm to midnight, Thursdays

Like your music new and surprising?
New Sounds with John Schaefer
Fridays at 11am
the world's most imaginative music show, direct from WNYC New York City
try August 10 - Music Inspired by Classic Poetry
or August 17 - Spiritual Jazz with John Coltrane, Abdulah Ibrahim & others

Subscribe to 5UV Radio Adelaide in August & you'll go into the draw to win your choice of 2 prints & drawings by Gishko Van Ree thanks to Adelaide Central School of Art view on our website www.adelaide.edu.au/5UV/ valued at \$300 ring us on 8303 5000 for details

LUNCH HOUR CONCERT SERIES

Prized pianist to perform

AFTER a winter recess of four weeks the new series of Lunch Hour Concerts in Elder Hall is off to a sensational start—with the exclusive appearance of internationally renowned pianist Ayako Uehara on Friday 10 August in Elder Hall at 1.10 pm.

Last year aged just 20, Ayako was awarded the People's Choice, Second Prize and Six Special Prizes at the Sydney International Piano Competition. Her appearance in Adelaide is part of a National Tour arranged by the organisers of this prestigious competition as part of her prize.

Born in Japan, she began lessons when she was three and by ten she had been accepted into the Yamaha Master Class. At 12 she won the International Competition for Young Pianists in Ettlingen Germany, and by 15 Second Prize in the International Tchaikovsky Competition for Young Musicians in Sendai Japan. She was a semi-finalist in the International Tchaikovsky Competition in Moscow in 1998 and in 2000 she also won Second Prize at the Hamamatsu International Piano Competition.

Ayako has given concert tours and made television appearances in Japan, Europe and the United States. She has performed with some of the world's leading orchestras and conductors including the Washington

National Orchestra, the Australian Chamber Orchestra, the Sydney Symphony Orchestra and the Moscow Philharmonic Symphony.

For her recital in Elder Hall, Ayako will perform works by Haydn, Debussy and Ravel. As this concert is part of the Elder Hall Lunch Hour Concert Series, tickets are still only \$3. Doors open at 12.30 pm and patrons are advised to arrive early to avoid disappointment.

Other highlights in this popular series include a return to Elder Hall in September by the Australian String Quartet with an all Beethoven program. In October a recital by William Hennessy (violin) with pianist Lucinda Collins and later that month a mixed program featuring two outstanding young German musicians, Raphael Christ (violin) and his sister Sarah Christ (harp). They will perform with Keith Crellin (viola) and Linda Pirie (flute).

The final concert is on 16 November and will feature four of the Elder Conservatorium's most talented students who will compete for a total of \$1500 in prize money.

Detailed concert brochures are available from the Elder Conservatorium office or the foyer of Elder Hall. For more information contact the Concert Manager on 8303 5925.



Ayako Uehara.

The 2001 Elder Hall Lunch Hour Concert Series is proudly supported by the Doris West Bequest and 5UV Radio Adelaide.

—Alison Beare

A Galaxy of Winds breezes into Adelaide

TWO music premieres plus the most popular of Grainger's works for wind band will feature in A Galaxy of Winds on Saturday 18 August, the next evening concert of the 2001 Elder Conservatorium Concert Series at 8.00pm at Elder Hall.

The internationally acclaimed Elder Conservatorium Wind Ensemble, conducted by Robert Hower, performs an inspiring program which draws on musical influences from across three continents and from outer space.

Galilean Moons by Roger Cichy is an Australian premiere. This work in four movements is inspired by Ganymede,

Callisto, Furioso and Europa, and captures the distinctly different qualities of the four moons surrounding Jupiter. Frank Ticheli's *Blue Shades*, a South Australian premiere, is a jazzy work heavily influenced by the many "shades of blue" - from bright blue, to dark, to dirty to hot blue. It is also a playful tribute to the conventions of the big band era.

Also on the program is *Lincolnshire Posy*, the most beloved of Percy Grainger's pieces which he called his "bunch of musical wildflowers". This classic is one of the major works by one of the most important and influential composers for wind band.

The Elder Conservatorium Wind Ensemble

has a well-earned reputation as one of Australia's finest wind bands. Winner of the Open A Grade Concert Band division of the National Band Championships 13 times between 1981 and 1995, the Ensemble has also released a CD of David Stanhope's music on the Tall Poppies label.

Adelaide University staff can still buy discounted tickets for the Elder Conservatorium evening concerts at the Concession price of \$14, a saving of \$8, by presenting their Adelaide University staff card at BASS or at the door. Full ticket prices are \$22 Adult, \$14 Seniors/Conc and \$8 Full-time students, with all bookings through BASS 131 246.

—Di Kidd

Special Entry classes and Year 12 Revision

Tertiary Education - Special Entry

If you are a mature age student seeking special entry to university you will be required to sit a STAT (Special Tertiary Admissions Test) and may need to provide a Personal Competency Statement.

Professional and Continuing Education at Adelaide University provides a series of 3 x 3 hour workshops to assist you in preparing your own personal competency statement and to provide guidance and practice in completing the Special Tertiary Admissions Test.

Wednesdays 6pm - 9pm

Course 1: 15 August

Course 2: 12 September

For further information call 8303 4225.

Year 12 Revision

Adelaide University offers intensive revision courses during the Term 3 break.

Plan for exam success by taking advantage of the opportunity to attend revision courses that will consolidate your year's learning and assist you to achieve your best possible result. Adelaide University Year 12 courses will help you to maintain your focus, develop revision strategies and prepare effectively for the exams.

Courses offered from 1 - 12 October include Physics, Chemistry, Biology, Accounting, Economics, Legal Studies Mathematics 1 & 2, English, Drama (Theory), Exam Preparation And Techniques, Essay Writing Study Skills For Year 11 & 12, and Year 12 Conversation Classes (French, Italian, German, Japanese).

Phone for a brochure call Professional and Continuing Education on (08) 8303 4777 or email: pce@adelaide.edu.au



NEWSMAKERS

Leaving Parliament to one side, some of Australia's best comedians have law degrees, **Dr John Williams** pointed out in *The Age* (25 July). In an article about why people study law, he noted the variety of career opportunities available beyond the traditional legal setting. As for the attractions of being a legal academic, Dr Williams confessed that teaching and researching constitutional and legal history provides him with the "inspiration and motivation to get me to work every day".

For **Dr Lynn Martin** the passion is food and drink. He hosted the Second International Conference of the Research Centre for the History of Food and Drink, an event "whose title takes longer to say than it would to eat", as Michael Shmith pointed out in *The Sunday Age* (15 July). Shmith devoted his Groucho column to the conference, remarking that Adelaide was "ever-friendly and full of great people and things to talk about". Later in the month (27 July), Dr Martin joined **Professor Tim Flannery** as a guest of Carole Whitelock on *891 ABC* for a discussion on genetically

modified food.

In Japan, the growing popularity of shochu liquor could be good news for South Australian barley growers, **Professor Andrew Barr** and **Jenny Washington** told *The Stock Journal* (19 July). A potential market for about 150,000 tonnes of barley is opening up as a result of increased demand for the drink (a cross between whiskey and wine).

During her visit to the UK, Vice-Chancellor **Professor Mary O'Kane** spoke to *The Guardian* newspaper. The interview resulted in two stories—one about increased Asian investment in higher education (6 July), the other on the need for direct action to recruit ethnic minorities to the highest level of academia (16 July).

The Sydney Morning Herald (20 July) highlighted **Professor Peter Mühlhäusler's** work advising the people of Norfolk Island on how they might preserve their traditional language. The *Herald* also reported on a paper delivered by **Professor Jonathan Pincus** to a Centenary of Federation forum in Sydney (28 July)

On *Radio National*, the Health Report's

Norman Swan spoke to **Professor Michael Sawyer** about the influence of family environments on asthma (16 July). On *891 ABC*, architecture students who worked with local authorities in Port Eliot were singled out for praise when **Dr David Jones** was interviewed by David Bevan and Matthew Abraham.

A "good Samaritan" act by **Dr Mark Jaksa** was highlighted by the *The East Torrens Messenger* (25 July). Dr Jaksa offered his expertise to a disability pensioner after reading of her battle with an insurance company over the appearance of cracks in the walls of her home. The company rejected her claim for a payout but Dr Jaksa carried out his own examination and concluded that the cause of the problem warranted further investigation.

Dr Andreas Schmidt-Mumm appeared on *ABC TV news* (13 July) speaking about the plan to drill for diamonds on Flinders Island. On the *7.30 Report* (10 July), **Dr Mike Ridding** was interviewed about savant syndrome research and the possibility that savant skills might reside in everyone.