

War takes a much greater toll

NEW research at Adelaide University has discovered that many Australian troops in World War II failed to be clinically diagnosed with mental illnesses caused by the war—a failure which has had enormous repercussions for those soldiers and their families.

A PhD graduate with the Department of Public Health, Dr John Raftery, interviewed more than 100 veterans from several battalions about their wartime experiences during and after the war. As well as documenting their experiences, he also examined the medical ideas which were used to frame the experience of men who did not cope with war.

Dr Raftery said Australian medical ideas on war-related mental illness in both the First and Second World Wars were adapted from British models.

The underlying premise of these ideas was that war presented little that was new to medical science, and that mental suffering was largely attributed to constitutional weakness of the individual. Consequently, combat and the brutality of war went unexamined as a "cause" of mental distress and breakdown.

Such a way of thinking—although done with the best intentions and not done maliciously or callously—in many cases consigned Australian WWII veterans to return to their families not knowing that their mental suffering was not their fault. The veterans had to deal with their return to "normal" life with little assistance or understanding.



War was a life-changing experience, but poorly recognised according to new research.

"The most obvious consequence of this was with these men's immediate families—in many instances they were returning to their wives or partners completely different men compared to when they left, and were rarely able to talk about their experiences," Dr Raftery said.

The majority of men interviewed by Dr Raftery coped well on the surface both during wartime and in later years.

A small percentage was identified in their time

as having serious mental health problems. These men had very disrupted lives of heavy drinking, experienced intrusive treatment and, in some cases, committed suicide.

"A significant number of other men, however, led productive lives and managed outwardly, but in fact were very disturbed inwardly by remnants of war at various stages in their lives," Dr Raftery said.

Continued Page 4

ARC research funding success continues

ADELAIDE University has again emerged as a strong national performer in the latest round of Australian Research Council (ARC) funding grants.

Details of funding announced recently by the ARC show Adelaide has reaffirmed its position as a leading national research university, with a total of \$9.4 million in new project funding received towards research and infrastructure over the next three years.

Adelaide's success rate with grant applications also ranks exceptionally well against other Australian universities in the Group of Eight (Go8).

Funding announced for Adelaide University includes:

- \$4.9 million in Large ARC grants for 31 research projects;
- \$1.6 million for 14 Strategic Partnerships with Industry (SPIRT) projects;
- \$1.5 million to fund seven Research Fellowships;
- \$1.3 million towards research infrastructure, equipment and facilities based at Adelaide University.

Continued Page 4

Roseworthy centre reinterprets itself for rural industry

THE opening of the new Roseworthy Information Centre brings to a satisfactory end a long and sometimes halting story, and gives to South Australian agriculture a very significant resource.

The centre itself, an impressive structure which echoes the architecture of outback station buildings, came some years ago as the result of a federal tourism grant. Intended at that time as an interpretation centre for Adelaide University's Roseworthy Campus, it was also to showcase primary industry.

But the original concept had a relatively local focus. The concept has grown a great deal since then. So has the budget. In a \$4.8 million upgrade of Roseworthy campus being undertaken jointly by Primary Industries & Resources SA (PIRSA) and Adelaide University, the Centre has received an additional \$500,000 from the State Government to fit out the building for its new role.

"The Centre will be a facility for distribution and packaging of information of anything to do with the State's primary industries," said Professor Simon Maddocks, Director of the Roseworthy Campus, as the centre was being prepared for its official opening on Saturday by the Deputy Premier and Minister for Primary Industries and Resources, The Hon Rob Kerin.

Professor Maddocks said the Centre would provide a one-stop shop and centre for farmers from South Australia, perhaps even nationally. "We expect that, if they have a problem, this Roseworthy Centre will either be able to give them the answer or assist them in finding it," he said.

That one stop need not be in person. Apart from the many books, manuals, leaflets and displays that can be found physically at the Centre, much of its business will be conducted by mail order, the internet and by the delivery of CDs and Digital videodiscs. The Centre also has

facilities for teleconferencing.

"The intention of the partners in the Information Centre is to develop a directory (yellow pages) of resources, services and service providers to the full range of primary industries and clients seeking information on primary industries. Internet linkages to core agencies and providers should also assist access through new information technologies," Professor Maddocks said.

"It will be accessible to anyone, and we expect to see it develop much further over time."

"We hope that it will play a leading role in keeping South Australian producers up-to-date with information that they need to keep their businesses at the forefront of sustainable production."

"I see Roseworthy as providing not just university education, but through our collaborations with PIRSA, SARDI, TAFE and industry, improving the level of education and knowledge in the broader community, and helping to service that community as well," he said. "It is a lifelong commitment."

Professor Maddocks is looking to strengthen links with TAFE and to make sure that Roseworthy can also be used by school students, to help them to understand that primary industries, despite their challenges, still offer enormous opportunities and satisfying careers. He also hopes that through the partnerships involved, the Information Centre will strengthen links between researchers and those who stand to benefit from their research.

"The Centre will allow us to get information from researchers to farmers, users and the media," he said. "We educate students, but we also need to teach them how to communicate with users and the media, and the new Centre will be a valuable resource for this."

—Rob Morrison

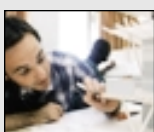


Simon Maddocks and Centre manager Jan Ward with some alpaca products.



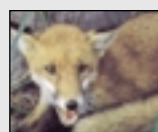
The Roseworthy Information Centre. Photos: Rob Morrison.

INSIDE



Interview with Architecture

page 2



Fox hunt begins in Adelaide

page 4



Turning salt and water into wine

page 5



INTERVIEW

TEACHING AND LEARNING—AN ARCHITECTURAL APPROACH

The School of Architecture, Landscape Architecture & Urban Design is this year's winner of Adelaide University's Departmental Learning and Teaching Award.

The award, offered by the Deputy Vice-Chancellor (Education), is aimed at promoting and rewarding excellence in learning and teaching. It carries with it a \$25,000 prize, as well as the recognition of an exceptional level of achievement by the department.

The Adelaidean spoke with the Dean of the School, Professor Tony Radford, and Lecturer Dr Susan Shannon, who coordinated the School's submission.

Tony: We are delighted to have won the award, especially because it reflects on the whole School community—students, general and academic staff—it's not for any one event. Although primarily it recognises our achievements now, or in the last 12 months, it also recognises the School's ongoing achievements since the early '90s when we fundamentally restructured our teaching programs and our approaches to teaching. That has taken about eight years to bed itself down.

When you approached the nomination for the award, what was your thinking behind it?

Susan: Our aim was to present a complete picture of our theories behind learning and teaching and our focus on active learning. We decided the best way of making our nomination rich and deep was to showcase specific examples of learning that are happening now in the 2000 curriculum, and I selected 10 case studies—from early learning, at the beginning of first year in Design Studies, right through to postgraduate work. This showed in a very rich way the engagement of students with the many opportunities of learning in the School.

For example, "Games in Early Design Education", which is a very well-structured part of our first-year curriculum, involves games which Tony, Rob Woodbury and others have developed. The idea is to engage play in early design education.

In the first year of the second degree, students were asked to engage with a special millennium project, to answer some of Australia's burning questions in the year 2000—issues of ecological and social sustainability, what decisions are being made in urban and rural environments, whether or not human settlement and the River Murray are compatible, and how

to sustainably house the baby boomer generation in their retirement. As part of that we took 15 students to a station 40 kms from Wentworth for a four-day site visit. The rest of the class worked closely with a residential developer, Phil Craven from Oakdale Homes.

Our students also have a very strong IT focus, and this year there was a project to design a Montessori pre-school studio for a remote area school near Darwin. There was no paper used in this project, other than two A4 sheets given out at the beginning of the course. Everything else was online, including videos of the site.

Another group of students is currently in Indonesia with Veronica Soebarto, and they are working in a collaborative environment with students from the University of Indonesia in Depok Jakarta. They are having a rich and diverse cross-cultural experience.

We also showed in our case studies how the School is integrating aspects of Aboriginal knowledge in the curriculum. We've had a subject called "Remote Aboriginal Housing", where students worked at Umoona, near Cooper Pedy, in a pilot project with Liz Grant and Jillian Wallace to explore concepts of aboriginality and provide an overview of critical issues and events which have shaped and impacted on Aboriginal and Torres Strait Islanders' lives.

The School's nomination had a lot of input from students, but it wasn't long ago that students' reactions to the School were unfavourable in the national surveys.

Tony: Because we were in the process of restructuring, this of course created upheaval and uncertainty in the students' minds about where things were going and so on. Just at that inopportune time the Federal Government introduced the CEQ [Course Experience Questionnaire] and we had something of a Keating "J-curve", where things got worse before they got better. The introduction of the CEQ just at the low point of our J-curve was not a good event for us. It takes a number of years of steady growth, improvement and fine tuning to get things running well, and now eight years or so later we are in fact starting to go through another process of working out what is important and what is going really well, and what isn't—but we're doing it from a much stronger position this time.

How does the School see itself in a national and international framework?

Tony: National framework first. We see



ourselves as one of the most interesting Australian schools of architecture, landscape architecture and urban design.

We don't do the normal thing, we don't run an orthodox program. We have succeeded in doing that while still maintaining a high degree of graduate satisfaction, and graduates tend to be focused initially on practical working skills and "employability".

In the last CEO figures in which Adelaide university featured we ranked first among Australian schools of architecture in terms of overall graduate satisfaction, and among the first three under all the categories. And while the CEO has lots of limitations—and we wouldn't like to extol it as a sole measure of quality of education—it is still an indicator of graduate goodwill.

Internationally, we are also regarded as different. We are more academic than most schools of architecture, more focused on education theory than most schools, and that is one reason why we have been successful in recent years in winning some major grants for teaching and learning development.

Susan: The short-term goals of the School are perhaps crudely expressed as employability for its graduates. But the longer term goals are to develop a strong base for graduates by combining critical thought and creative actions.

That's our strong double-header, and that is what we have set out to do.

Tony: We're also a multi-disciplinary school—we offer programs in both landscape architecture and architecture, with an emphasis also on urban design. We run those in a much more integrated way than other universities, and it gives both groups of students more depth.

We have a stronger research reputation than most schools of architecture, and our teaching is linked with our research strengths—cross-cultural issues, IT and environmental issues.

Having research so close to teaching helps us to be ahead of the game of what we are teaching our students and not following the conventional wisdom. Sam Akkach's and Peter Scriver's work with the Centre for Asian and Middle-Eastern Architecture is an example of this.

Although we're taking an overtly academic view of our fields, we are also taking examples and context from the "real world". In the final year, Lyn Travar runs a studio for students which takes a real site in the city, and students go through a process which involves analysis, design, working with a real client, planning permission, documentation, all of the issues that a practitioner faces, but at a level in the course when students already have a strong theoretical understanding.

Continued Page 6

Letters to the Editor

Please send your letters to the editor, David Ellis, at the address below or email to: <david.ellis@adelaide.edu.au>.

Adelaidean

Volume 9 Issue Number 20

Editor
David Ellis

Layout
Julie Ryke

Printed by
Cadillac Color

Writers
Ben Osborne
Rob Morrison
John Drislane

Contributors
Sally Raphael
Gordon Petrie
Kim McBride
Odette England

Deadline for next issue is 9 November

Room G07 Mitchell Building, South Australia, 5005.
Tel (08) 8303 5174; Fax (08) 8303 4838; Email:
julie.ryke@adelaide.edu.au

<http://www.adelaide.edu.au/Adelaidean/home.html>

Material may be reproduced without permission but acknowledgement must be given to the *Adelaidean*.

Staff to share in December graduations

ALL members of staff are invited to attend next month's graduation ceremonies in Bonython Hall.

Around 2500 students will attend the eight graduation ceremonies from 18-21 December—the first time Adelaide University will hold all its main graduation ceremonies in December, soon after students finish their exams.

The change from the traditional April/May graduation timetable will enable students to receive their degrees and other awards close to finishing their studies, rather than having to wait for months.

While all members of staff are invited to attend, graduate members of staff are also urged to participate in the academic procession, wearing their appropriate academic dress.

Tickets are limited to one per staff member.

Staff wishing to register their interest can complete the form available from the website <www.adelaide.edu.au/studentadmin/siv.htm> and returning it to the Graduations office by internal mail or fax on 8303 5550 by 1 December 2000.

The eight ceremonies for the December graduations are as follows:

Monday, 18 December - 10am
Faculty of Humanities & Social Sciences

Monday, 18 December - 3pm
Faculty of Humanities & Social Sciences



Tuesday, 19 December - 10am
School of Commerce
School of Economics
Graduate School of Management

Tuesday 19 December - 3pm
School of Architecture, Landscape Architecture & Urban Design
Elder Conservatorium - School of Performing Arts (including AMEB)

Wednesday, 20 December - 10am
Dental School

Medical School

Wednesday, 20 December - 3pm
Faculty of Science

Thursday, 21 December - 10am
School of Engineering
School of Mathematical & Computer Sciences

Thursday, 21 December - 3pm
Faculty of Agricultural & Natural Resource Sciences
School of Law

Rocket science students prove the sky is no limit to learning

ROCKETS were blasted high above South Australia last month in a series of tests aimed at better understanding how rockets can benefit science.

A group of Engineering and Physics students from Adelaide University took part in rocket launches at Woomera in the State's far north. They conducted a range of experiments aimed at learning more about the use of rockets in science.

At the invitation of the Australian Space Research Institute (ASRI), the students designed and constructed two scientific payloads for a Zuni sounding rocket, a model formerly used as air-to-ground missiles by the military. Instead of carrying a warhead, the rocket was launched into the atmosphere with scientific equipment on board.

"Our payload had two infrared detectors, plus pin diodes to measure the rotation of the rocket," said Physics student Samantha Carter.

"It's important to know the rocket's rotation [how much it spins in flight], because if you know how it works you can design a whole series of experiments that are best suited to those conditions, or configure the rocket flight for what you need.

"We already know what the rocket does when it's used as a missile, but we don't really know what happens when it has a civilian payload on board, because the two are totally different," she said.

The infrared sensors are used to detect infrared radiation in the atmosphere. Using the rocket enables readings to be taken at varying points in the Earth's atmosphere. Issues such as what angle the rocket takes on its flight path and what altitude produces the best measurements are all considered by the students.

"Infrared radiation isn't very well understood, and if we can understand it better it could potentially tell us about all sorts of things, such as the greenhouse effect," said Sarah Clay, another of the four second-year Physics students working on the project, along with Anna Wakefield and Penny Gibson, who are both studying for double-degrees in Science and Engineering.

The other rocket payload was designed by final-year Mechanical Engineering students Anthony Baughan and Daniel Forgiore. Their payload included three accelerometers,



Project manager Kimberley Clayfield, Samantha Carter (holding the payload module of the rocket) and Sarah Clay (with the rocket's specially designed payload). Photo: David Ellis.

which helped measure the occurrence of "microgravity" at the top of the rocket's flight. This is the moment when the rocket is not experiencing any g-forces, almost like a zero-gravity situation in space.

"Experiments in zero gravity have many benefits, but equipment needs to be tested in zero-gravity situations," said Mechanical Engineering student and the overall manager of the two rocket payloads, Kimberley Clayfield.

"It costs a great deal of money to take equipment up into space or on board special aircraft which can simulate zero-g, so the cheaper alternative is to design a rocket such as ours with a prolonged time in zero gravity, which can then be used to test equipment."

Ms Clayfield is the chairperson of Adelaide University's student branch of the American Institute of Aeronautics and Astronautics, of which four of the participating students are members.

"One of the good things to come out of this project is that the two departments, Physics and Mech Eng, have worked well together, sharing equipment and knowledge," she said.

Ms Carter added: "There's a whole rocket



An ASRI rocket blasts off. Photo by Brenton Edwards, courtesy of The Advertiser.

community out there, and we've been talking to people right around the world who've given us ideas, swapped data with us; it's been a terrific learning experience."

The students say they'll definitely be returning to Woomera in 2001 for the next round of rocket launches.

The rocket payload projects were supervised by Dr Roger Clay and Dr Gerald Schneider, with technical support from Mr Bob Hurn and Mr Neville Wild. Mr Steve Kollias from ASRI designed the adaptation of the rocket which allowed it to carry experiments.

Beazley tours new sciences building

FEDERAL Opposition Leader The Hon Mr Kim Beazley has described the new \$18 million Molecular Life Sciences Building as being as good an example of campus research programs looking to the future as "you'll find anywhere".

Mr Beazley toured the building along with State Opposition Leader The Hon Mike Rann on 23 October as part of a two-day trip to Adelaide.

He said he was keen to see the building, as the Labor Party was pursuing the policy of investment in the biotechnology industry for the next election.

"This building provides one of the focal points of investment, and it already has spin-off success—this is the sort of strength that we would want to enhance," Mr Beazley said.

"It is investment in this type of research, and the product that comes from it, which will determine whether or not we succeed."

Mr Beazley said recent reports of the drain of Australian mathematics professors off-shore only highlighted how important buildings like the Molecular Life Sciences Building and its associated research programs were.

"Mathematics teaching is one of the building blocks of all sciences, including the life sciences," he said.

"We have got to stop this. We have to get to start building on successes like this, reinforcing the value of those who participate in the research endeavours of this nation, and recognising the importance of the spin-offs that Adelaide University is currently engaged in in relation to companies coming off investments that they make.

"The future industries of the world are built around campus research



Genetics PhD student Jane Sibbons (far right) meets Mr Beazley during his visit to the new Molecular Life Sciences Building. Also pictured are (from left) Executive Dean of Science Dr Alastair Blake, State Opposition Leader Mr Mike Rann, and Vice-Chancellor Professor Mary O'Kane. Photo: Ben Osborne.

programs, and this is as good an example of it as you'll find anywhere." It was the second time Mr Beazley has visited Adelaide University this year: in March he launched the book *The First World War* by Adelaide University's Professor Trevor Wilson (Department of History) and Adelaide University graduate Robin Prior.

—Ben Osborne



Celebrating learning

As formal events go, graduation ceremonies rank among the more impressive. The mixture of solemnity and high spirits, of pride and celebration is a heady one which stirs many people unexpectedly.

The ritual of graduation is important—for students, their families and the awarding institution. A graduation ceremony is one of the rare occasions when an individual's academic achievement is recognised and applauded publicly. It's an opportunity for family, friends and colleagues to share in the joy of that achievement and join in a public celebration of the value of learning.

At Adelaide University, we're very good at graduations. Bonython Hall is a splendid setting for formal events, and our Graduations Office staff do a superb job of organising everything to the last detail. The decision to hold the main graduation ceremonies in December, I believe, will result in even more memorable ceremonies this year.

Not many people are aware that moving the main autumn graduations to summer is actually a case of going back-to-the-future. Until 1946, the University's annual Commemorations were always in December. (It's interesting to note also that, in times past, they were not the dignified events they are today. Up until the First World War, graduations were "a mixture of ceremony and bedlam", according to Duncan and Leonard's history of the University.)

The return to December graduations is very much a response to students' needs. The Overseas Students Association, in particular, has campaigned strongly for summer ceremonies because of the difficulties faced by international students wishing to attend ceremonies in April/May. Issues such as visa restrictions and financial costs have prevented many overseas students from returning to Australia to graduate with their classmates, but those difficulties will apply no longer.

Many Australian students will benefit from the change, too. Most students remain in Adelaide for a short time after completing their exams, so it's likely that more will be able to attend the main ceremonies in December. Many will also appreciate the opportunity to seek employment with their certificates already awarded.

A second round of graduations will take place in August each year. Off-shore graduations will also be held, with ceremonies planned for Singapore and Kuala Lumpur in March.

Every graduation ceremony demands a great deal of effort from staff, and next month's series will be especially challenging. More than 2,500 students have applied to graduate in person at the eight ceremonies. Deadlines for exam marking are tight and everyone is having to adjust to new timetables. But I've been greatly impressed by the spirit and attitude of the general and academic staff involved. This includes the Graduations Office, Examinations Office, Student Centre, Graduate Studies as well as the Faculties. I've no doubt that their commitment and enthusiasm will help to deliver a first-class series of ceremonies and provide graduands and their families with happy memories of an important and auspicious event.

MARY O'KANE

Research funding success continues

From Page 1

On a national level, Adelaide's success rate with funding applications is extremely favourable against the other major research universities, and was above the national average in every project grant scheme.

Our success with Large Grants was 29.8%, placing Adelaide third (behind ANU and Sydney), and Adelaide was second only to Sydney in its success with Research Fellowship applications (21.9%).

At a State level, Adelaide received 31 of the 43 Large ARC Grants awarded in South Australia, 14 of the 35 SPIRT grants, and seven of the eight Research Fellowships.

"Despite the growing amount of competition for ARC funding, and given that the lack of public funding for research remains an ongoing issue, it's extremely pleasing to see that Adelaide University has again performed strongly on a national level," says the Vice-Chancellor, Professor Mary O'Kane.

"Adelaide's success in attracting ARC funding shows that our reputation for excellent research will continue well into the 21st century."

Projects funded at Adelaide University in this latest round of grants will include research into biological and agricultural sciences, biotechnology, engineering, the environment, mathematics, agriculture, and the humanities and social sciences.

—David Ellis

Fox hunt begins in Adelaide's CBD

THE HUNT is on for foxes—but not in Adelaide's country areas, wildlife parks or suburbs.

Instead, Adelaide University Honours student Bess Schenk is searching for foxes in Adelaide's Central Business District.

While the idea of seeing foxes in Rundle Mall, around King William St or Hutt St might sound peculiar, the close proximity of the CBD to the parklands means it is not as crazy as it sounds.

"There have been sightings of foxes in Victoria Square and a lot of anecdotal evidence to suggest that foxes venture into the CBD quite often," said Ms Schenk, who is in her Honours year of a Bachelor of Science degree and is based at the University's Waite campus.

"We know a little about the foxes in the parklands surrounding the CBD, but nothing about the foxes in the CBD itself. I'm hoping my project will change this."

Ms Schenk is looking for foxes to discover the extent of their roaming in and around the city and to determine how foxes survive in a city environment. She will also determine whether or not foxes pose a public health risk and, if so, what needs to be done to solve the problem.

"Foxes carry parasites and diseases that can affect humans and domestic pets like dogs. They are also an introduced species that kill



a lot of native wildlife. So it is important to know where the foxes are travelling to make sure they don't risk human health and safety," Ms Schenk said.

To discover the regular haunts of CBD foxes, Ms Schenk is appealing to the public for help.

Foxes are generally sighted between midnight and dawn, and she says anyone in the city during those hours should keep an eye out for foxes.

"People can either give me a call or send me an email if they have seen a fox to let me know when and where they saw them. That would be a great help to my project," she said.

Once Ms Schenk has established a pattern of

fox sightings in accordance with strict animal welfare regulations she will use humane techniques to catch the foxes, then test them for diseases and fit a collar with a radiotransmitter enabling the movements of the fox to be monitored.

Her supervisor, Senior Lecturer Mr Phil Stott (Applied & Molecular Ecology) said this was the first time such a project had been attempted.

Anyone with information about fox sightings in Adelaide's CBD should call Bess Schenk on 0417 885 784 or email: <elizabeth.schenk@student.adelaide.edu.au>.

—Sally Raphael

Advertisement



LINCOLN COLLEGE
(AFFILIATED WITH THE
UNIVERSITY OF ADELAIDE)

Applications are invited from suitably qualified women and men for the positions in the College in 2001 of

Vice Principal Senior Tutor

Lincoln College is affiliated with the University of Adelaide and is located in parkland 15 minutes walk from the university. It is an incorporated body within the Uniting Church of Australia. It provides accommodation and academic, pastoral and social support to 240 local, interstate and international undergraduate and postgraduate students in a caring collegiate environment.

The College seeks mature, academically able and enthusiastic people who have a record of achievement in an academic or other professional field with demonstrated skills in areas of leadership, communication and administration, who possess an empathy for students, both local and overseas, and are willing to take a leading role in the academic, pastoral and social life of the College.

Applicants for the positions should have completed an undergraduate degree and, normally, have completed or be undertaking post-graduate studies. The positions are particularly suited to junior members of academic staff or post-graduate students. Both the Vice Principal and the Senior Tutor are expected to reside in the College and involve themselves closely in all aspects of its life.

The positions are part-time with primary responsibility being exercised in the evenings and on weekends. The positions attract an honorarium, and accommodation, meals and other benefits are provided.

Applications close on 15 November 2000 and should be addressed to:

The Principal
Lincoln College
45 Brougham Place
North Adelaide SA 5006.

For further details tel (08) 8290 6000 or email the Principal <p_gunn@lincoln.college.adelaide.edu.au>.

War takes a much greater toll

From Page 1

"Their difficulties were never adequately recognised and they avoided admitting difficulties because of the stigma of mental illness. Medical authorities generally argued that the psychologically damaged should not be compensated."

Even though it was too late for many, this situation changed after 1980 with the adoption of Post Traumatic Stress Disorder (PTSD) as a diagnostic category. This at least recognised that war was a stressful event that could have lasting effects.

"In World War II, and even World War I, medical authorities didn't use the word 'war' in their descriptions of mental illnesses, rather they used terms like 'anxiety states', 'hysteria' or 'psychotic disorders'," Dr Raftery said.

"PTSD recognises that war neuroses do occur, but this model has really only been applied to Vietnam veterans—I would argue that World War II veterans have 'missed out' in this regard.

"Certainly the experiences of many World



Dr John Raftery. Photo: Ben Osborne.

War II veterans would be no less intense than those of Vietnam veterans, but I don't think the World War II veterans have received the same level of post-war assistance or understanding."

According to Dr Raftery, there is no doubt that a large number of the WWI and WWII generation, both combatants and their families, have not been encouraged to make sense of a profound and often disturbing time.

Dr Raftery also argues that today's

commemorations of war, such as Anzac Day and the upcoming Remembrance Day on 11 November, should have more of a focus on the dreadful mental toll war has exacted on thousands of Australian men, and subsequently their families.

"These commemoration days quite rightly focus on the sheer wastage of human life that occurs during wars and the sacrifices made, but I think they should also recognise the ongoing problems it creates for those who come home and the impact this then has on their loved ones," he said.

"As humans, the idea of war goes completely against our normal way of living, because mass organised killing and destruction is deemed necessary and therefore is sanctioned and approved."

Dr Raftery concluded: "After doing an extensive review of a century of 'medicalising' individual war experience, I would argue that medical and psychological experts have made little headway in understanding or addressing the fundamental madness of the use of violence to resolve disputes."

—Ben Osborne

It's official: green tea can reduce cholesterol

RESEARCH by an Adelaide University student has confirmed the commonly held belief that green tea can lower cholesterol levels.

Studies conducted at the CSIRO by PhD student Christina Bursill (Department of Physiology) have shown that antioxidants in green tea can lower cholesterol in rabbits by increasing the amount of a liver protein that works to clear cholesterol from the blood.

Although research overseas has already linked green tea consumption with lower cholesterol levels, Ms Bursill's results are the first to identify the mechanism responsible.

Her studies found that green tea's high concentration of strong antioxidants called catechins increase the liver's LDL receptors, a major mechanism for cholesterol control.

In turn these receptors work to decrease LDL, the so-called "bad cholesterol" in the blood. The LDL receptor binds with LDL and clears it from the bloodstream.

Catechins are a type of polyphenol, a class of antioxidant and the main constituent of green tea. (Black tea contains much lower levels of catechins because they are oxidised during processing).

The results of Ms Bursill's study in rabbits confirms her previous findings that green tea catechins increased the amount of LDL receptors in cultured human liver cells.



Christina Bursill's research into green tea was first publicised in the Adelaidean in 1997. Photo: David Ellis.

Studies by other researchers suggest that humans could lower their cholesterol levels by up to 10% if they habitually consumed between 5 to 10 cups of green tea daily.

"The next step is to test the effectiveness of our green tea extract in humans with high blood cholesterol," says Ms Bursill's supervisor, Senior Research Scientist Dr Paul Roach.

Popularise or perish warn visiting editors

THE NEWS on science lately has been a bit grim. A raft of reports, studies and petitions has highlighted Australia's declining scientific standing, its failure to capitalise on its inventions and the bleak professional prospects for its scientists.

Governments are the usual targets of these volleys, but are scientists themselves partly to blame? Is science on the back foot because scientists fail to promote their own discipline?

These questions surfaced at the first Australian Science Writers' Festival, held in Brisbane during October. Leading the discussion were the editors of arguably the most influential popular science journals: Jeremy Webb of *New Scientist*, and George Musser from *Scientific American*.

Both editors were emphatic that scientists had a responsibility to communicate their science to the public, and that those who failed to do so were likely to be the losers.

"I'm absolutely serious," said Mr Webb. "In Britain now, all the research councils have a duty under their constitutions to publicise their work. All their money comes from the public purse, so they have a duty to tell the public what they are up to. It was actually written in 1993 into a white paper which says if you get any money from public sources, you've got to tell people what your work is."

Mr Webb continued, "There's a very similar feeling in America. There you don't have problems; all the academics love to talk. But if you go to Oxford there are guys in the common room who haven't moved for 15 years, they haven't spoken to anyone else. That's their loss, they are going to die out," he said. "The only scientists who are going to succeed are the people who manage to say, 'This is what my research is

for,' and who manage to publicise. There are very few researchers who have a unique take in a particular field. It's their loss if they are not covered."

The two journals have some important similarities. Both have an international readership of about 750,000. The female readership, about 30%, is increasing, but the number of practising scientists is surprisingly low.

"About 60% of our readers have a BSc, 18% with a PhD," said Mr Webb.

"Only about 3 or 4% of our readers are practising researchers," said Mr Musser, "and that's one of the misconceptions about *Scientific American*, that most of our readers are actually scientists reading in their field."

The journals have some important differences, too. *Scientific American* is a monthly journal, largely written by scientists, while *New Scientist* is a weekly magazine, written by journalists and with an emphasis on science news.

"It is news that's important," said Mr Webb. "We are one of the few magazines that deal with science that brings you every week what's hot and happening. If you read *New Scientist* for six months you will know every area of science that is really moving. I don't think there is another magazine like us. We are not about education. We are here for entertainment and information."

Mr Musser agreed. "One of the great pleasures in life is to work through a concept and think at the end, 'I really understand that. It took a bit of work but I got there. I understand a little bit more about my world.' That's how we see our role—trying to walk people through concepts, through fields of science, and let them have that feeling of satisfaction at understanding an abstract concept. So we have less emphasis on news; the bulk of it is articles written by scientists for the public."

Which means that, contrary to

common stereotypes, there are scientists who can popularise their work, and who do it very well. How does *Scientific American* find them?

"We get stories from everywhere," said Mr Musser. "About half our stories are staff proposed. I read the press releases when they come out. I read the stories as they come out on EurekAlert (a science news website) and other services."

"Fifty percent of stories we have, though, are proposed by people from the outside. We try to maintain that balance because there is no way that the editors, even in their own speciality, can possibly keep up with their field of science; there is too much happening in the world."

"Frequently when I go to conferences I hear this seething behind me. I ask why, and someone says, 'Why didn't *Scientific American* cover my research?' and I say, 'Why don't you propose your research, because there is no way I can possibly go through all the 10,000 papers at this conference and know everything.'

"That's one of the messages I want to bring out here, especially if you are a researcher," said Mr Musser. "If you don't think your research has been covered, that's why we accept outside proposals."

Scientific American has been doing so for a long time. "It's been around for 150-odd years," said Mr Musser. "It's actually the oldest continuously published magazine in North America; 1835, and in its early years it was really the chronicle of the industrial revolution," he said.

But is the future for these popular journals as rosy as their past? Does the internet now pose a threat to magazines that specialise in science and technology? Given that internet sites can air news as it happens, using both video and sound, they are even challenging traditional news broadcasters. How will magazines cope?



The Cangaroo II project and its related research received substantial media coverage both nationally and internationally. Photo: Rob Morrison.

"You can't take a website and read it anywhere," said Mr Webb. "From our research we know that *New Scientist* is read by people at home; it's a leisure read. They like to take it home, sit in a chair, sit in the garden and read it. You can't do that with a website."

"Sure, I visit websites and I get the information I want, but you don't get the mix," he said. "You don't get the eclecticism of *New Scientist*. You can read a website, but it's not presented in a consumable way. It's difficult to read. It's not written by professional people; you don't get any context," he said.

"One of the things that *New Scientist* tries to do all the time is to give you a

perspective: is this an important piece of research? If you go to a website, quite often it will just be 'here is what we did,' and there is no context, no perspective, no refereeing. That's what *New Scientist* is bringing to you."

Both editors were adamant about what makes a good article. It must be driven by the readers' interests, rather than by the researchers. "We are not educators. We are storytellers," said Mr Webb. "What's the best possible story that I can write? Why is it important to you? It must be written by people who are passionate about science for readers who are passionate about science."

—Rob Morrison

New technology turning salt and water into wine

DRYLAND salinity and declining river systems. Together they paint a bleak picture for Australia's agriculture.

The federal government's recent initiative will look for ways to tackle both, but some players are already well ahead of the game.

Plants can process a vast amount of water. In a process called transpiration, they suck water up through their roots and expel it from their leaves through stomates, small cells that open or close to increase or reduce water loss. A rainforest can release enough water in this way to form a cloud above it.

Vineyards don't change the climate much, but they do transpire a good deal of water; a problem as they grow in size and number and take their water from declining and increasingly saline river systems.

In this setting, anything that reduces river water irrigation without compounding the problems of saline soils has got to be a winner. Partial Rootzone Drying, or PRD, has emerged as just such a technology.

It has been developed at Adelaide University's Waite campus by a team of scientists led by Dr Peter Dry, Senior Lecturer in Horticulture, Viticulture and Oenology, and Dr Brian Loveys of CSIRO Plant Industry.

If part of the grapevine's root system is slowly dried, but the remaining roots kept well watered, the vine is fooled in to thinking that most of its roots are drying out. It produces chemical signals that close the stomates, and cause reduced shoot growth and thus leaf area,



Dr Peter Dry and South African PhD student Keren Bindon inspect the vines at Adelaide University's Waite Campus, where PRD experiments were first trialled. Photo: Rob Morrison.

thereby conserving water. The wet roots, however, keep the plant healthy and productive.

The plant adapts and the stomates re-open, but by reversing the treatment and wetting the dry roots while drying those that had been wet, the reduced shoot growth rate and partial closure of stomates can be maintained over a long period.

By continually altering irrigation, half the roots can be kept moist while the other half are kept dry. This maintains fruit production, but uses far less water, and the benefits are not limited to grapevines.

"With grape vines and other crops such as citrus, pears and peaches, we can produce the same commercial yield with half the district

average of water applied," Dr Dry said.

"In most situations we've been able to double the water use efficiency, so that has big implications. We are short of water, so if we can get twice as much fruit per megalitre of water, that's very important," he said.

Much of South Australia's agriculture relies on the River Murray and its increasingly saline water, but salinity doesn't seem to be a problem with this technology.

"So far we haven't done much research on using PRD saline water, except for experiments where the water is relatively saline, and we've had exactly the same results," he said.

"We've assumed so far that because we are putting on half the water, we're only putting on half the amount of salt on, but I guess the distribution of salt in the soil, and how the roots take up the salt, is one of the issues," Dr Dry said.

"We have two new PhD students working on comparisons of conventional irrigation versus PRD using two water qualities, River Murray water and bore water," said Dr Dry. "The bore water is extremely saline, and we've got two amounts of irrigation so we have eight treatments in that experiment."

"One student being supervised through SARDI is going to be looking at the movement of salt in the salt profile; the accumulation of salt, its effect on the soil structure and also the accumulation of salt within the vine itself, both in the leaves and the fruit," said Dr Dry. "The other will be looking not so much at the salinity but at the fruit quality."

Continued Page 6

Less pain, better recovery period for sinus patients

PEOPLE around the world who suffer from chronic sinus problems will benefit from new surgical techniques and instrumentation demonstrated recently in Adelaide, according to Adelaide University surgeon Professor Peter Wormald.

The new techniques were showcased at the 3rd Annual Advanced Functional Endoscopic Sinus Surgery course held in Adelaide last month.

Professor Wormald, who organised the three-day course, is South Australia's first professor of ear, nose and throat surgery and is based at the Queen Elizabeth and Memorial hospitals.

His course is held in high regard for its outstanding level of surgical expertise and the high-tech equipment used.

More than 40 surgeons from across Australia and overseas attended, including guest lecturer and internationally renowned sinus surgery specialist Professor Don Leopold of Nebraska, USA.

Live surgical demonstrations were performed at the Memorial Hospital, showing the latest prototype instrumentation and teaching delegates new surgical procedures for chronic frontal sinusitis.

Chronic frontal sinusitis is an acute inflammation of the nasal sinuses. The inflammation is usually triggered by inadequate draining due to allergies, infections or structural problems of the nose, such as narrow drainage passages.

South Australia has the highest incidence of chronic sinusitis and amongst the highest incidence of allergies in the world. The State also records the highest number of sinus surgery procedures per annum.

In Australia, more than 34,000 people were admitted to public hospitals for chronic sinus problems in 1996-97, of which more than 95% required corrective ear,

nose and throat (ENT) surgery.

Until now, the surgical procedure to solve the problem has been complex, invasive and painful. It involves the surgeon making an incision above the patient's forehead stretching from ear to ear, and peeling back the skin covering the face to access the problem area. The patients' recovery period from this procedure was up to five days.

Now, thanks to endoscopic instruments, surgeons can access the frontal sinuses via the nose, without incisions required on the face. In most instances, patients are able to go home within 24 hours of surgery. Professor Wormald said the benefits were significant.

"Adopting improved methods and devices has meant ENT surgeons can operate with a greater degree of ease, confidence and accuracy," he said.

"The new endoscopic techniques are less invasive with fewer patient complications, which in turn has boosted the success rate.

"In fact, during the past 10 years the success rate of sinus surgery has increased from 50-60% to greater than 90% thanks to improved surgical techniques and instrumentation."

Professor Wormald said advances in instrumentation for endoscopic sinus surgery aimed to restore the natural physiology of the sinuses and not to strip or scrape the lining of the sinuses as was done in the past.

"These new instruments are tremendously effective—they will allow surgeons to operate around corners, which previously couldn't be done. They also offer a more precise view of the anatomy by enabling us to 'see' at different angles," he said.

"Importantly, considerable tissue damage will no longer be part and parcel of sinus surgery. The use of new instrumentation will mean less internal damage and therefore faster healing timeframes."



Professor Wormald demonstrates new sinus surgery techniques and instruments during the three-day course in Adelaide. Photo by David Cronin, courtesy of The Advertiser.

Turning salt and water into wine

From Page 5

Australia is not the only country to suffer from saline soils, and availability of fresh water is a growing problem worldwide. Hence the large number of PhD students who come to study at the Waite campus.

"We are now seeing that other countries have the same sorts of problems," said Dr Dry. "PRD is a whole new growth industry. We have all these PhD students in Australia who are looking at aspects of PRD; I think there are five or six now who started this year."

Those students will eventually return home, to grow a greater diversity of crops in an increasing number of countries. PRD is being trialled on tomatoes in Europe, raspberries in Scotland, citrus and grapes in the Mediterranean Basin and grapes in Argentina and California.

It sounds like a case study in innovation and the

commercialisation of pure research; also areas that the federal government is being urged to encourage. And a test case it may prove to be, but not necessarily to the benefit of the researchers. Brilliant ideas do not always translate to commercial rewards.

"We have looked at that," said Dr Dry. "You can't patent this idea."

"You are right, I think it's a perfect example of innovation, and obviously it would be nice to get more funding to explore other aspects of this. We are getting some funding for PhD students so we shouldn't be complaining too much, but I'm about to write another application, and I'm not quite sure, with these initiatives that you mention, how we're going to get money out of them. We're waiting for someone to tell us the cheque is in the mail."

—Rob Morrison

In the Business of Innovating Futures

Graduate Programs in Business Enterprise (designed for Graduates and Professionals of all Disciplines)

The Adelaide University Enterprise Education Group offers practical business subjects that are delivered via on-campus, and external study, that are relevant to those starting their own business, and small to medium business owner/operators. Subjects are available on a stand-alone basis, or as a part of the Graduate Certificate/Diploma in Business Enterprise (SME). In particular; Small Business Finance, Managing Human Resources, and Small Business Operations (marketing), prove to be popular stand-alone subjects.

Registration for the final EXTERNAL study period closes 17 November 2000.

An intensive 3-day on-campus course for would-be entre-preneurs and people thinking of starting their own business is planned for late January 2001. Ph: (08) 8303 3094, or email: <shane.cheek@adelaide.edu.au> for details. Enterprise Education Group web site: <www.eeg.adelaide.edu.au>.

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 capabilities to industry, government and the community will always be important. With our local knowledge and an ideal setting to help, you will be able focus on what you do best.

Find out more by contacting ACTA's University Project on (08) 8212 4794 or uni@acta.com.au

Adelaide Convention and Tourism Authority
 Level 3, 60 Waymouth Street
 Adelaide SA 5000
 Phone +61 8 8212 4794
 Facsimile +61 8 8231 9224
<http://www.visit.adelaide.on.net>

Adelaide
 Convention & Tourism Authority
 AUSTRALIA

INTERVIEW

TEACHING AND LEARNING—AN ARCHITECTURAL APPROACH

From Page 2

Another example is much earlier in the course, in the third year of the Bachelor of Design Studies. David Jones runs a studio in Landscape Architecture which works with various country towns. Students analyse the towns and work with local councils and communities, and at the end of it all they present their proposals to the town. This year, that series of studies won the national Royal Australian Planning Institute award for education, which is very pleasing because it's competing on a national level.

There are, of course, many members of the architecture and landscape architecture professional communities in Adelaide who contribute to our teaching, to our advisory board and to the professional accreditation boards which visit us. We've had enormous support from the local profession. Particularly important is their willingness to come and teach in classes, bringing with them up-to-date, practical experience. That knowledge is the counterpoint to our permanent academic staff who bring to students their up-to-date theoretical understandings.

Where does the School go from here?

Tony: The world constantly changes and we have to respond to that, and so we've got to continually

reinvent and change and modify things. What we carry forward, I think, is our approach. We want to be non-mainstream. There are two schools of architecture in South Australia, for example, and it's important that the two schools aren't the same as each other, that we have a different character. We see our market and our influence as being national and international rather than local.

Our aim is not to become a big school. The kind of teaching that we want to do can be achieved with our current size, which is about 300 students. It would be harder to do that in a big school, where you lose the personal contact between staff and students. We like to operate, and hope to continue to do so, in a fairly relaxed and informal way.

Susan: We see ourselves remaining very student-centred in our focus, which is a great strength of having 300 students. We know them all, we have substantial one-on-one conversations with them frequently, our staff have an open-door policy, and we have meetings of the entire School. Our students comment that we are different from other places where they've studied because the staff here are relaxed and accessible. We see that as part of the environment we wish to be situated within, where we constantly seek to know what the issues are for students, and to help them develop good learning and teaching practices.

Golden Jubilee celebration for graduates

MORE than 70 Adelaide University alumni from as far away as the United States and New Zealand recently celebrated the 50th anniversary of their graduation at the 1950 Golden Jubilee Commemoration Ceremony.

The ceremony, held in Bonython Hall, saw Chancellor Mr Robert Champion de Crespigny welcome back some 76 graduates from South Australia, interstate and overseas. Mr Champion de Crespigny spoke about the important role of alumni in the University's past, present and future.

The guest speaker at the commemoration ceremony was fellow 1950 graduate, Emeritus Professor Tasman Brown, who reflected on University life at the time of his graduation and the many changes that have occurred over the past 50 years.

Following the commemoration ceremony, graduates, their guests and University staff attended a luncheon in the Upper Refectory which provided a wonderful opportunity to share memories of their time at Adelaide University and to catch up on the 50 years since.

Speaking at the luncheon, Deputy Vice-Chancellor (Education) Professor Penny Boumelha highlighted just how much the University had changed in 50 years.

She described how the University had increased in size from 4600 students in 1950, to 14,000 today—and with an operating budget of £412,168 in 1950 to more than \$305 million today.

In the ceremony's official booklet the Golden Jubilee graduates also described what university life was like back in 1950—and how much impact the University had on their life:

Alan Blaskett, Bachelor of Science:

"Practical chemistry was enlivened by the occasional fire or explosion... why we didn't blow ourselves to smithereens, or poison ourselves, I'll never know."

Elizabeth Remilton (nee Adam), Bachelor of Arts (Hons): "During my time at the University I was an Arts Faculty representative on the SRC and in my third year became the secretary—greatly assisted by the staff at the Union Office. The executive of SRC were constantly being called to the Vice-Chancellor's (Mr AP Rowe) office—then in the former Anatomy building—to toe the line in things such as the contents of *On Dit*, and the suitability of floats and slogans on Prosh Day."

Trevor Martin, Bachelor of Dental Surgery: "My memories of Adelaide are the crowded lecture theatres in the immediate post-war years; many students still in uniform; good friendships formed; and in the clinical years, the great help given by members of the visiting staff."

Ivan Mumme, Bachelor of Science (Hons): "I have reflected on the happy memories in having been associated with Adelaide University during the years 1945-49. The course of lectures given by staff in the various subjects I studied were excellent, and particularly those delivered by the late Sir Douglas Mawson, as well as the field trips he organised during my undergraduate years for geology students."

Margaret Smith (nee Hogan), Bachelor of Arts: "I will always be grateful to my Alma Mater for the enduring gift of a range of interests throughout my fortunate life."

The Golden Jubilee Commemoration Ceremony is an annual event of the Alumni Association and is organised by the Alumni and Community Relations office. Next year's ceremony, to be held in October, will welcome back graduates of 1951.



The 76 graduates who took part in the 1950 Golden Jubilee Commemoration Ceremony, as well as current academic staff who took part in the ceremony. Photo: Ben Osborne.



Margaret Smith, graduate 1950.



1950 Adelaide graduate, Margaret Smith (nee Hogan) and husband Jim examine some of the old pictures on display at the luncheon for the 1950 Golden Jubilee Commemoration Ceremony. Photo: Ben Osborne

Free guided tours of Adelaide University's historic North Terrace campus

Learn about the history and heritage of South Australia's oldest University. See the University's historic buildings and beautiful grounds.

Individuals, families and groups are all welcome.

Tours are conducted by trained guides from the University's Alumni Association. Tours last one hour. There are some strenuous sections, including stairs; your guide can advise of alternative outdoor routes.

Regular tours are offered each Tuesday morning at 10.30 am and are free of charge. Groups may make arrangements for tours at other times by calling the Alumni and Community Relations office on (08) 8303 3196.

Please meet at University Gate 20 next to the Art Gallery of South Australia on North Terrace.

Black Forest Primary School & Community Reunion

Sunday 26 November 2000, 2.00 - 5.00pm at the school.

Please bring a plate of food, family, friends and tell those you know we look forward to your company.

Contacts: Leonie Johnston 8379 2405, the school, or email: bfpsreunion@hotmail.com.

Adelaide University Alumni Association

REGISTRATION FORM

Open to graduates, students, staff, former staff and friends of the University.

Your details:

Title (Prof, Dr, Mr, Ms, Mrs, etc)

Former Family Name (if applicable)

Family Name

Given Names

Address

State..... Postcode Country

Country of Brith

Phone Home () Work ()

Work Fax () Home Fax ()

Gender M F (circle)

Email

Date of Birth Country of Birth

Adelaide University Degree(s) or Qualification(s):

Qualification	Course	Year of Graduation
.....
.....

I would be interested in receiving information and details about events from the following Chapters:

- Agricultural and Natural Resource Sciences Chapter
- Chapman Association (Engineering)

- Sir Joseph Verco Dental Chapter
- Cornell Chapter (Arts/Performing Arts)
- Florey Medical Chapter
- Science and Mathematical Sciences Chapter
- MBA Alumni Association
- Roseworthy Old Collegians Association (ROCA)
- Economics/ Commerce Chapter
- Leonardo da Vinci Chapter (Italian-Australian alumni)
- John Bray Law Chapter
- The University of Adelaide Chapter of Australian Alumni Singapore
- Architectural Alumni Chapter
- The University of Adelaide Alumni Association Hong Kong Inc.
- Adelaide Uni Alumni Malaysia Bhd

Please send this form REPLY PAID TO:

Alumni & Community Relations Office
The University of Adelaide
Reply Paid 498
Adelaide SA 5001
AUSTRALIA

CONTACT DETAILS

Facsimile: + 618 8303 5808
Telephone: + 618 8303 5800
Email: alumni@adelaide.edu.au

All information provided on this form will be added to the University's Alumni and Community Relations databases for University and University related purposes only and will not be passed on to any third party not affiliated with the University.

INVITATION

The Vice-Chancellor
Professor Mary O'Kane

invites Staff, Alumni and friends of the
University to the

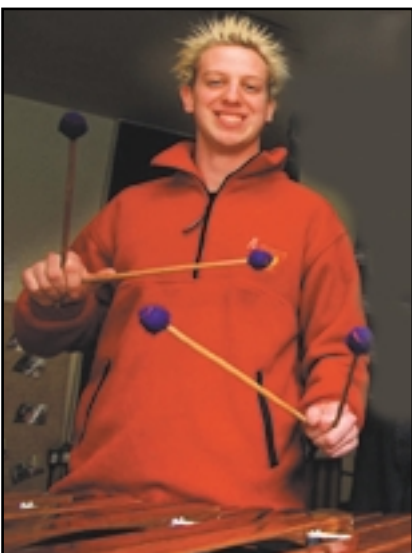
Adelaide University Town and Gown Party

to celebrate the University's 126th year
the Festive Season
and the end of the Academic Year

at Goodman Crescent Lawns
(in front of Elder Hall)
on Friday 8 December 2000
from 4.30pm to 7.00pm

RSVP essential by

1 December 2000
to Rosalyn Chardon
tel: 8303 5780
fax: 8303 4407
email: rosalyn.chardon@adelaide.edu.au



PERCUSSION student Alex Stopa is rounding off his final year by giving audiences a taste of his musical talents. Mr Stopa (pictured above) was among a group of Adelaide University students to win national awards two years running for their marimba playing. Mr Stopa was also one of the Adelaide University performers to take part in the recent Barossa Music Festival under the direction of senior lecturer Mr Grahame Dudley and Sir Peter Maxwell Davies. As it's his last year of study with Adelaide University's Elder Conservatorium, Mr Stopa is giving a public recital at the University. It will be one of his few public performances before heading to the US, where he has won a scholarship to study for a Masters degree at the University of Nevada, Las Vegas. Entry to the recital is free, Little Theatre, Adelaide University, 8.00pm, Tuesday 14 November.

From one university to another

A VICE-PRESIDENT of a Thailand university has taken up a new position at Adelaide University—but not as a staff member.

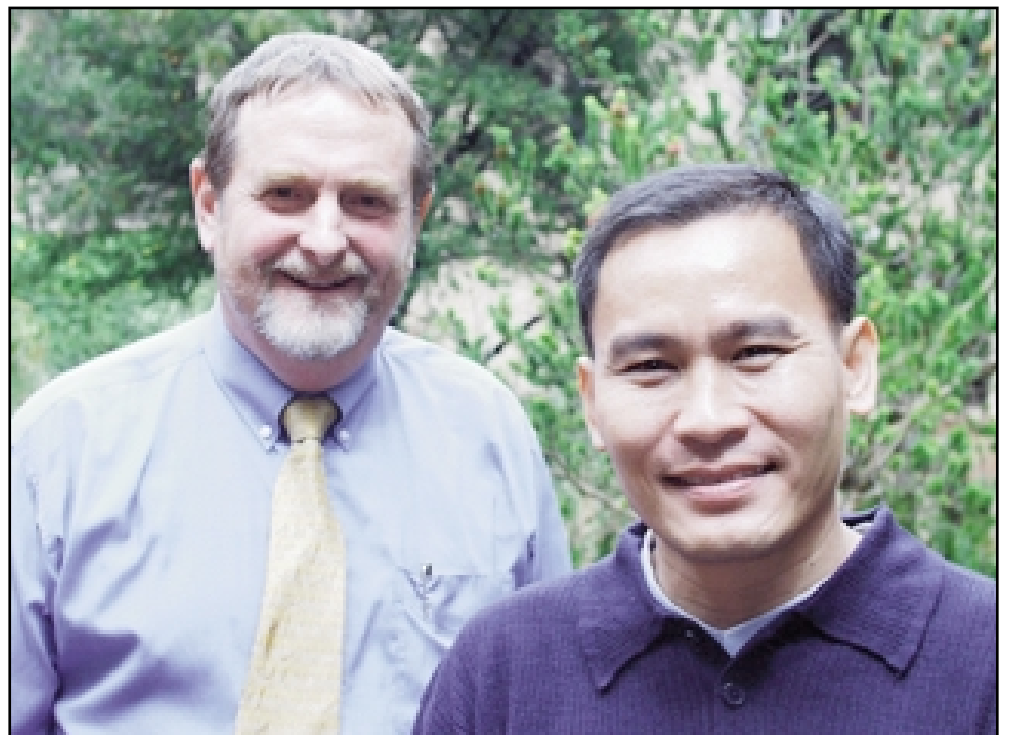
Sornchai Mungthaisong has enrolled as a PhD student in Linguistics through the Faculty of Humanities & Social Sciences, and arrived in Adelaide in September. He is Vice-President of International Relations at the Rajabhat Institute Chiangrai (RICR). Chiangrai is the northernmost city in Thailand.

A delegation from the Institute, including the President, Assistant Professor Dr Manop Pasitwilaitam, Mr Mungthaisong, and the Vice-President of Academic Affairs, Assistant Professor Pairat Termjai, visited Adelaide University in April this year. The delegation explored opportunities for academic collaboration with Adelaide University.

Mr Mungthaisong was encouraged to enrol at Adelaide University by Dr Lindsay Dent from the Department of Molecular Biosciences, who visited the Rajabhat Institute Chiangrai in January. Dr Dent was in Thailand to present at an international immunology conference in Bangkok and used this opportunity to visit RICR to develop contacts already established through another Adelaide student, Ms. Pranom Kaewrakon. Ms Kaewrakon is also a member of the academic staff in the Faculty of Science and Technology at RICR.

Mr Mungthaisong said he was encouraged to return as a student for many reasons.

"The atmosphere at Adelaide is very peaceful," he said. "You also have a lot of resources for students, as well as expertise in applied linguistics."



Thai PhD student Sornchai Mungthaisong (right) and his supervisor, Linguistics lecturer Peter Mickan. Photo: Ben Osborne

"I am enjoying my study here."

Mr Mungthaisong's supervisor, Linguistics lecturer Dr Peter Mickan said it is a privilege to work with such an experienced educator from Thailand.

"Adelaide University is seen as a significant partner for academic collaboration and plans are being developed within Linguistics and the Faculty of Science for various exchanges, joint

research and training programs," he said.

"These initiatives will be mutually beneficial and develop long term partnerships between our institutions."

Rajabhat Institute has 15,000 students, with an academic program focusing on science and technology, education, and humanities and social sciences.

—Ben Osborne

E-company goes outside the square

TWO 25-year-old Adelaide University graduates have joined forces to create their own e-business, employing 20 people across Australia.

Daniel Kitingan and Andrew Lee are the founders and directors of eSquare, a website which provides a neutral "one-stop shop" linking computer buyers and sellers across Australia.

Kitingan and Lee each graduated from Adelaide with a Commerce degree in 1995 and a Law degree in 1997, but say they have found their niche working on an Internet-related product.

"Doing both those degrees at Adelaide definitely helped us to get eSquare off the ground," Mr Lee said.

"The Commerce degree helped us understand what we need to be doing financially, and doing Law helped us with any legal aspects that came up."

eSquare already employs 15 people at its main operations centre at Thebarton in Adelaide, as well as three in its Sydney branch and two in its Melbourne branch.

Through eSquare, buyers can identify a product from an almost limitless virtual inventory of computer systems, parts and accessories and submit a request. They will receive a personal response—via eSquare—from sellers to stock what they are looking for, and buyers can then place their order online to their seller of choice.

eSquare will be trading online by the end of November at <<http://www.esquare.com.au>>.



Adelaide University graduates and eSquare directors Andrew Lee (front) and Daniel Kitingan. Photo: Ben Osborne.

—Ben Osborne

ACCOMMODATION

EASTERN SUBURBS:

Fully furn & fully equipped 2 br and 3br apartments. Close to schools, transport, Uni. Furn, air cond, comfortable. Suit visiting academics, mature students. From \$290 pw (including utilities). Ph 8332 4814.

EDEN HILLS: Room, bed & wardrobe. Balcony, great views, next to train station. Share with quiet, study-minded person. \$42.50 pw. Ph Angelikh 0411 307 269.

GLENELG: Fully furn unit with br, bathrm, living rm, yard, fully equipped kitchen, TV, washing machine, fridge,

microwave. Avail early December. \$130 pw. Ph 8303 3712 or 8294 6459.

GLENGOWRIE: 2 br unit, bir main, fully furn (opt), carport, r/c air cond, c/yard, close to city & Glenelg. Avail early Nov. \$195 pw. Ph Ann 0413 459 091.

GLEN OSMOND: 3 br, unfurn house (some b-ins), close to transport & schools, walking distance to Waite. No pets, lawns mown, r/c air cond, avail now. \$240 pw + bond. Ph 8379 4869.

HOUSE SIT OR RENT: Academic couple from Canberra looking for house or flat in Adelaide over Xmas period (approx 22 Dec - 16

Adelaidean CLASSIFIEDS

Jan). Maintain garden, feed pets, etc. Ph (026) 254 9027 or (026) 268 8866 or email: <r.prior@adfa.edu.au>.

HOUSE SIT: Young prof couple seek house or unit sitting from mid February for 6-12 months. Prefer near Parafield Airport or the city. Ph (02) 6762 8860 or (02) 6771 4284 or email: <pagesj@northnet.com.au>.

FOR SALE

AQUARIUM: 3 foot with stained pine stand and hood,

light, heater, filter, rocks, gravel and fish. \$250 ono. Ph 8332 5982 or email: <dacooper@merlin.net.au>.

CHILDREN'S ITEMS: Clothes - mainly designer. Toys including Jigsaw, Fisher Price, Ravensburger, etc. Books and tapes. Baby to 14 years. Priced for quick sale. Ph 8332 3040.

COMPUTER: 450MHz, 10 GB HDD, CD-ROM, modem, speakers, Win98. \$900 neg. Ph Gerhard 0404 236 331 or email:

<PGASDT@hotmail.com>.

COMPUTER: Intel Celeron 333MHz, 4.3GB HDD, 32 MB RAM, 40-speed CD, sound, speakers, network card, colour printer. Still under warranty. \$800. Ph Jo 8290 6146 or email: <jo.ung@student.adelaide.edu.au>.

FRIDGE: Frigidaire 2 door, upside down fridge/freezer, good cond. \$450 ono. Ph Phil 0419 321 628.

FRIDGE: 290l, cyclic defrost, good cond. \$150 neg. Ph Diane 8271 3447.

MOUNTAIN BIKE: Boys Repco 24", new cond, suite 10 year old. Shimano equipped, 10 gears, pump.

Ph 8332 5982 or email: <dacooper@merlin.net.au>.

MOVING SALE: Classical music records and tapes, \$2.50 each or less. Assorted books, \$5 each or less. Ph 8303 3712 or 8294 6459.

MOVING SALE: Kelvinator 380l fridge, \$280. Microwave, \$60. Standing fan, new, \$25. Myer Futon, black metal frame, \$180. Bicycle, male, \$120. Philips TV, \$60. More items, offers accepted. Ph 8294 7878 (h) or email: <vmialon@hotmail.com>.

PEUGOT: 505, 1986, exc cond. UNW 091. \$4,500 ono. Ph 0402 225 783.

New committee to manage University's computer desktop environment

A newly-formed committee is seeking to establish University-wide standards to enable the introduction of a range of services to reduce the total cost of ownership of the most commonly used desktop platform across the University.

With Adelaide University being an Australian leader in learning and teaching, education for the professions, research and research training, it has an information technology environment which is rich and diverse with PC, Mac and Unix all represented on the desktop.

The University Desktop Reference Committee (UDRC) represents all areas of the University and will be overseeing the revision and ongoing management of the University's personal computer desktop environment.

The desktop has been notionally divided into several layers to facilitate this project:

- the core (the operating system and network client),
- enterprise applications and utilities (applications and utilities which will be funded centrally and assumed to be needed by all staff such as a web browser, word processor, spreadsheet, email, virus protection etc),
- optional enterprise applications (needed only by staff with certain roles in the University such as finance, human resources and bibliographic applications), and
- area applications and utilities (these

will be specific to each area and will include all the applications that are unique to the University's many diverse areas of activity).

Each of the applications and utilities are considered to be components of the University Standard Desktop and as such will have a component sponsor. Component sponsors will have the responsibility of installing, testing and documenting their component for the University Standard Desktop. Component sponsors will be drawn from all areas of the University to ensure that the vast expertise of all our staff are utilised.

Once the University Standard Desktop has been agreed upon and installed in all participating areas of the University, considerable savings in the total cost of ownership will be realised. These savings will largely be derived from the reduction in staff time needed to manage the desktop due to the introduction of a range of new services. Some of the new services planned include enabling the installation and configuration of applications onto staff computers and the ability to resolve user IT support calls without the need for an on-site IT support staff visit.

The UDRC's primary role is to communicate with their areas and determine the specification for the core and for all the enterprise applications and utilities in conjunction with the component sponsors. The University Standard Desktop that arises from this



Members of the University Desktop Reference Committee (back) Bill Killely, Jeff Borkent, Caroline Doust, George Travan, Mark Williams, (front) Melissa Gibbs, Brian Glaetzer, Stephen Carr, Sue Ciccarello and Sharon Gold. Photo: Ben Osborne.

process is to be reviewed regularly. Clearly defined procedures for reviewing the desktop will be put in place together with recommendations for its installation and the change management process. In future all staff will be able to request changes to the University Standard Desktop.

If you want to know more about the UDRC or the University Standard

Desktop please visit its website at <<http://www.adelaide.edu.au/USD/index.html>> or contact your UDRC representative: Brian Glaetzer (ANRS), Susan Ciccarello (DS&SS), Stephen Carr (Eng, Maths, CS), George Travan (Health Sciences), Caroline Doust (HSS), Bill Killely, Mark Williams and Sharon Gold (ITS), Steve Thomas (Library), Melissa Gibbs (PALACE), and Don Creighton/Jeff Borkent (Science).

MONDAY 6 NOVEMBER

12noon Plant Science Seminar: Major linkage blocks important to Australian barley breeding by Ms Melanie Atmodjo (Masters Student). Plant Science Seminar Room, Waite.

3.30pm ACUE Seminar: Rich Reflections Two: Analysing Qualitative Data by Ms Debbi Long (Postgraduate student) & Ms Megan Warin (Anthropology). Seminar Room 2, Schulz Building.

TUESDAY 7 NOVEMBER

11.00am Anthropology Seminar: The Case of the Undiagnosed Pregnancy: Internal Visualisation, Embodiment and Learning to be pregnant, by Debbi Long (Dept of Anthropology). Melbourne Cup Luncheon afterwards. Room 722, Napier Building.

12noon Child Health Research Institute Seminar: NK T- Cell Deficiency in Coeliac Disease by Randall Grose (PhD Student QEH). CHRI Seminar Room, 7th Floor, Reiger Building, WCH. Light refreshments provided.

WEDNESDAY 8 NOVEMBER

1.10pm Horticulture, Viticulture & Oenology Seminar: Fertilisation in plants - a female perspective by Dr Meredith Wallwork (Dept of Horticulture, Viticulture and Oenology). Plant Research Centre Auditorium, Waite.

COMING EVENTS

6th November — 17th November

1.10pm Genetics Seminar: Honours Talks. Seminar Room, Ground Floor, southern entrance, Fisher Building.

4.00pm Physiology Seminar: Regulation of LH Release by GnRH and other Hypothalamic Peptides, by Dr John Evans (Christchurch Medical School, University of Otago, Christchurch). Seminar Room N417, Level 4. Med School North.

THURSDAY 9 NOVEMBER

6.00pm CISME Seminar: Adelaide - A Multicultural City by Mr Alfred Haug (The Right Honourable Lord Mayor of Adelaide). Council Room, Level 7, Wills Building. Refreshments from 5.30pm. Enquiries Ms Elsa Jacob 8303 5788, email <cisme.office@adelaide.edu.au>, fax 8303 4397.

FRIDAY 10 NOVEMBER

10.00am Social Inquiry - Labour Studies Seminar: A post-Fordist youth labour market in Adelaide's Eastern Suburbs? by Lou Wilson. Seminar Room, 3rd Floor, 10 Pulteney Street.

11.30am Social Inquiry - Labour Studies Seminar: 'What's love got to do with it?' - The Construction of

Heterosexual Relationships in film' by Ingrid Hofmann. Seminar Room, 3rd Floor, 10 Pulteney Street.

1.10pm Elder Conservatorium Lunch Hour Concert: Beta Sigma Phi Classical Music Awards. Four finalists will compete for a total of \$1500 prize money. Winners notified at end of concert. Admission \$3 at the door, includes GST. Elder Hall.

MONDAY 13 NOVEMBER

10.00am Australian University Committee Workshops: Assessment in Higher Education Workshops by guest speaker Prof A Wolf (University of London). Moot Court, Law & Commerce Building, Flinders Uni. Visit <<http://adminwww.flinders.edu.au/staffdevv/awolf/index.htm>> or see page 3 of Bulletin Board for details.

12noon Plant Science Seminar: Improving strategies in barley breeding using microsatellite markers, by Mr Angelo Karakousis (PhD Student). Plant Science Seminar Room, Waite.

TUESDAY 14 NOVEMBER

10.00am Agronomy & Farming Systems Seminar: Introductory seminar by Mr Jacky Foo (Visiting Fellow/Microbiologist). AFS Seminar Room, Roseworthy Campus.

4.15pm History Seminar: Lucy Hastings, Countess of Huntingdon: Child Marriage in the Seventeenth Century, by Tanya Jeffries. Seminar Room, Ground Floor, Napier Building.

5.00pm Neuroscience Discussion Group Seminar: Evolution of the human encephalisation - less guts, not more brains, by Prof Maciej Henneberg (Anatomical Sciences, UofA). Seminar Room, 6th Floor, Medical School Nth.

WEDNESDAY 15 NOVEMBER

1.10pm Genetics Seminar: PhD Update (third year) by Alyssa Harley. Seminar Room, Ground Floor, Fisher.

4.00pm Physiology Seminar: Androgen Receptor Structure & Function in Breast and Prostate Cancer by Professor Wayne Tilley (Flinders Cancer Centre, FMC). Seminar Room N417, Level 4, Medical School North.

4.00pm Centre for Evolutionary Biology & Biodiversity Special Seminar: Anarchistic Honey Bees: a Model System for Studying the Evolution of Worker Sterility in Social Insects by Dr Ben Oldroyd (University of Sydney). McLeod Lecture Theatre, Waite Campus.

FRIDAY 17 NOVEMBER

2.00pm Postdoctoral Fellows & Research Staff Forum: Come to a meeting to explore ideas, networking, problems & ideas. Charles Hawker Conference Centre, Waite Campus. Afternoon tea provided. RSVP Mary Reiger 8303 7298.

SITUATIONS VACANT

For further information about the following vacancies please refer to Human Resources' Web page at <<http://www.adelaide.edu.au/HR/advpos.htm>> or the contact person named in the advertisement.

Please note that applications, in duplicate, addressing the selection criteria and quoting the relevant reference number should include names and full addresses of three referees. The address for applications is C/- the Department or Officer named in the advertisement. Selection criteria and applicable duty statements may be obtained from the contact officer named in the advertisement.

Applications for the following vacancy will be considered only from members of the staff of the University*

LIBRARIAN (CATALOGUING)

(Ref: 7434) (Continuing)

Barr Smith Library

Salary: HEO6 \$39,402-\$42,664

The Librarian (Cataloguing) is a member of a team of cataloguers who ensure the provision of appropriate online description and analysis for items identified as part of the Library's resources. This continuing position is available from 1 January 2001. The duty statement and selection criteria may be obtained from the Library Administration Office, tel 8303 4064. For further information contact Patricia Scott, tel 8303 5373. Applications close 27 November 2000.

* includes only those persons who hold current written contracts of appointment with the University.

Applications for the following vacancies are not restricted to members of the University.

LECTURER LEVEL B IN HISTORY

(Ref: 10632) (Fixed-Term)

Department of History

Salary: \$49,249-\$58,484

The Department of History at Adelaide University, jointly with the Art Gallery of South Australia, wishes to appoint a Lecturer and Coordinator of its new Graduate Program in Art History.

This fixed-term position is available from 15 January 2001 on a full-time basis for a period of three years. Further information from Professor Malcolm Gillies, tel 8303 5186, fax 8303 4382 or email <malcolm.gillies@adelaide.edu.au>. Applications close 17 November 2000.

RESEARCH ASSOCIATE

(Ref: 10628) (Fixed-Term)

Department of Applied Mathematics, AdStat Solutions

Salary: \$38,414-\$46,786

AdStat Solutions, the statistical consulting group within the Department of Applied Mathematics at Adelaide University, seeks a statistician.

This fixed-term position is available from 2 January 2001 for a period of two years. Further information from Barbara Gare, tel 8303 5413, fax 8303 4395 or email <bgare@maths.adelaide.edu.au>. Applications close 13 November 2000.

TIMETABLE COORDINATOR

(Ref: 10330) (Continuing)

Property Services

Salary: HEO7 \$43,478-\$48,779

We are seeking a Timetable Coordinator to help establish a University-wide timetable and room booking management system.

This continuing position is available from 4 December 2000. Further information from John

Larwood, Property Services, tel 8303 4244 or email <john.larwood@adelaide.edu.au>. Applications close 17 November 2000.

STUDENT SUPPORT OFFICER

(Ref: 4801) (Continuing)

Wilton Yerlo Aboriginal Torres Strait Islander Programs

Salary: HEO6 \$39,402-\$42,664

Wilton Yerlo is the Teaching Support and Access Centre for Aboriginal Torres Strait Islander people studying at the Adelaide University.

This continuing position is available immediately. Further information from Mr Roger Thomas, tel 8303 3624. Copies of the duty statement and selection criteria may be obtained from Ms Sarah Agius tel 8303 3140. Applications (four copies), close 17 November 2000.

Aboriginal and Torres Strait Islander people are particularly encouraged to apply.

SCHOOL ADMINISTRATOR

(Ref: 2286) (Continuing)

School of Economics

Full-time Salary: HEO5 \$35,191-\$39,268

To assist in the operation of the School Office, the administration of undergraduate and post-graduate student matters, and the management of financial matters of the School. The opportunity exists for the successful applicant to negotiate a full-time or part-time appointment.

This continuing position is available immediately. Further information from <<http://www.adelaide.edu.au/econ/positions.html>> or Mr Rick Lam, email <rick.lam@adelaide.edu.au> tel 8303 6405, fax 8223 1460. Applications close 10 November 2000.

RESEARCH OFFICER

(Ref: 4769) (Fixed-term)

Department of Obstetrics and Gynaecology

Full-time Salary: HEO5 \$35,191-\$39,268

The successful applicant will be located in the Department at the Medical School and will be required to interact with members on all sites.

This fixed-term position is available immediately for one year, on a 18.38 hours per week basis. Further information from Professor JS. Robinson or Val Kuliwaba, tel 8303 5100. Applications close 17 November 2000.

ADMINISTRATIVE ASSISTANT (Ref: 3240)

HEO3: Full-time Salary: \$27,174-\$30,970

ADMINISTRATIVE ASSISTANT (Ref: 10634)

HEO4: Full-time Salary: \$31,252-\$34,376

Department of Obstetrics and Gynaecology

The Department is seeking to appoint two Administrative Assistants. Both positions are in the Maternal Perinatal Clinical Trials Unit.

Both positions are fixed term and available from 4 December 2000 for a period of 12 months on a 30 hours per week basis. Further information from Associate Professor C Crowther tel 8204 7647. Applications in triplicate close 17 November 2000.

HUMAN RESOURCES DEADLINES FOR ADELAIDEAN

For the *Adelaidean* of 20 November, advertising paper work must be received in Human Resources by 3 November.

For the *Adelaidean* of 4 December, advertising paper work must be received in Human Resources by 17 November.

GENERAL NOTICES

Attention all staff: important dates

The University will close down during the Xmas break from close of business Friday 22 December 00 to Monday 1 January 01.

The public holidays to be observed during this period are:

Monday 25 December 00
Tuesday 26 December 00
Wednesday 27 December 00
Monday 1 January 01

Thursday 28 and Friday 29 December 00 will be debited against recreation leave unless they have made other arrangements.

All variations to payroll, overtime/shit loading and casual forms for payment on Friday 15 December 00 must reach Payroll by Tuesday 5 December 00. Forms for payment on Friday 29 December 00 must reach payroll by 11 December 00.

Visit the Human Resources webpage or call ext 35666 if you require further details.

Uni Super

The merger of SSAU and TESS to form UniSuper, the tertiary education sector's main super-annuation services provider, has resulted in UniSuper becoming the largest superannuation industry fund in Australia, collectively worth \$8.5 billion.

The Board announced that Uni Super has consolidated its internal operations to provide members with a single superannuation fund which will emphasise flexibility, simplicity and quality service. The merger of the invest-ments & administration operations of SSAU and TESS is expected to happen over the next 12 months.

With a combined membership of 250,000 members, the growth of both schemes have been the result of generous employer contributions, above average investment returns and their growing membership base. In particular, SSAU has been in the top quartile of the InTech survey of market-linked pooled funds over the last five years, having averaged 14.2%. TESS credited 15.6% to member accounts for the 1999-2000 financial year, one of the top rates among the industry funds.

Campus maps

Coloured campus maps are due for their annual update. Please check your department's listing on the relevant North Terrace, Waite, Roseworthy or Thebarton Campus map.

If corrections/alterations need to be made please provide a photocopy of the appropriate portion of the map and index, and clearly highlight the proposed correction/alteration.

Please forward this information to **Brenton Kalz, Property Services Branch by Friday 15 December 2000.**

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.

The WPDN runs a variety of activities including breakfasts, lunchtime speakers and workshops. 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>, ext 33937) or Catherine Edis, (<catherine.edis@adelaide.edu.au>, ext 36151).

Annual **Christmas Breakfast** on 6 December, Stamford Plaza! Cost: \$24.00 (Full breakfast) or \$17.50 (Continental). Bookings are essential, contact Di Coffey ext 35204 by 15 November.

Promote your lectures through Museum

The South Australian Museum is willing to email its staff and State Library staff about forthcoming lectures at Adelaide University. Send details of lectures to: <Meakin.Sandy@saugov.sa.gov.au>.

University Xmas cards



Adelaide University Xmas cards featuring the wall of the entrance portico of the new Molecular Life Sciences Building are available from the Media, Marketing & Publications Unit for \$2 each (incl envelope).

Departmental orders should be submitted to Julie Ryke, tel 8303 4609 or email: <julie.ryke@adelaide.edu.au>, with an internal transfer code.

Cash purchases can be made from the Unit, Room G07, Mitchell Building, North Terrace Campus. It would be appreciated if buyers could have the correct money.

CALLING ALL WOMEN

Would you like to know more about your menstrual cycle and how it might effect your ability to exercise?

We need women who:

- are aged between 18-30 years
- have regular menstrual cycles
- are **not** using oral contraceptives
- are non-smokers; are non-exercisers.

The Exercise Physiology Research Unit is undertaking a series of experiments designed to examine the effects of the menstrual cycle on exercise.

The project will involve:

1. measuring your fitness on an exercise bike
2. monitoring your menstrual cycle
3. seeing how the menstrual cycle effects your exercise performance

\$100 HONORARIUM WILL BE PAID ON COMPLETION

If you are interested please contact the Exercise Physiology Research Unit: Leanne Roberts, Medical School South, Room S334, tel 8303 4569.

Postdoctoral Fellows and Research Staff Forum

2.00pm, Friday 17 November 2000, Charles Hawker Conference Centre, Waite Campus (enter at Waite Road level, free parking available in Waite Road carpark)

Would you like to meet other postdocs and research staff? Have you had problems obtaining information? Do you want to learn more about promotion for research-only staff?

Come to a meeting to explore ideas, networking, problems and issues, and the potential to form an association for research-only staff.

Afternoon tea provided. All disciplines welcome.

RSVP: Mary Rieger or Debbie Colwill, tel 8303 7298.

Research Branch: special notices

ARC CLOSING DATES, 2001

Formal advice has now been received from the Australian Research Council (ARC) of the closing dates in 2001 for applications for funding in 2002. They are:

16 March 2001: Discovery - Projects [formerly Large Grants and Fellowships] Internal close: 22 February

30 March 2001: Linkage - International Fellowships [formerly IREX Fellowships] Internal close: 15 March

12 April 2001: Linkage - Projects [formerly SPIRT] Internal close: 22 March

4 May 2001: Linkage - Projects (APA(I) only) [formerly SPIRT APA(I)] Internal close: 12 April

1 June 2001: Linkage - Infrastructure [formerly RIEF] Internal close: 19 April (draft); 24 May (final)

21 June 2001: Discovery - Indigenous Researchers Development Internal close: 4 June

Continuous: Linkage - International Awards Internal close: continuous

ARC INFORMATION SESSIONS

An Information Session at which the guidelines and application procedures for all of these schemes for 2002 and feedback on the 2001 application round will be discussed has been scheduled for Tuesday 12 December, 10.30 am to 1 pm in the Council Room, Wills Building. Details are available on the "What's New" page of the Research Branch website. Further sessions for those unable to attend in December, including one specifically devoted to completing the new application forms, will be held in the week commencing 22 January 2001. Further details will be available from the Research Branch in due course.

Pending the release of the 2002 guidelines and application forms, intending applicants are encouraged to commence drafting the "Additional Text" component of their applications as soon as possible, on the basis of the 2001 guidelines, for review by their colleagues.

www.adelaide.edu.au/RB/

Workshops

Monday 13 November 2000, Moot Court, Law and Commerce Building, Flinders University

Assessment in Higher Education

These two Australian University teaching Committee workshops are being presented as part of the Flinders University Education Week.

Guest speaker, Professor Alison Wolf, is Professor of Education, Executive Director of the International Centre for Research on Assessment at the Institute of Education (University of London) and a programme director for the Centre for Economics of Education (CEE), recently established by the British Department for Education and Employment.

Program:

Workshop 1
10.00am What do standards mean in higher education? Can they be national and should they be?

12noon A light lunch will be provided

Workshop 2
1.00pm Assessment for learning ... can this ever be more than rhetoric?

There is no cost involved and a complimentary lunch will be provided. Please register by phoning Sarah McFetridge (ACUE) on 8303 5771 or by email <sarah.mcfetridge@adelaide.edu.au>. For further information: <<http://adminwww.flinders.edu.au/staffdevv/awolf/index.htm>>.

Barr Smith Library tours



Join a free 30 minute guided tour on the first Thursday of every month.

Ideal for students, staff or alumni unfamiliar with the layout, collections, resources and services of the Barr Smith Library.

RSVP to Jennifer Osborn (Reference Services). Max of 12 per group. Tel: 8303 3706 Email: <jennifer.osborn@adelaide.edu.au>.

Missed the deadline?

See the online bulletin boards at: <<http://online.adelaide.edu.au>> available to staff and students of the University.

COUNCIL IN BRIEF

A meeting of the Adelaide University Council was held on Monday 30 October on the Waite Campus. It was preceded by an introductory talk by Professor Malcolm Oades, Executive Dean, Faculty of Agricultural and Natural Resource Sciences, and small-group visits to particular areas.

1. Chancellor's report

The Chancellor, Mr Robert Champion de Crespigny, gave his regular oral report to Council, during which he spoke of:

* his familiarisation visits to various sections of the University, and how he continued to be very impressed by its activities; and

* his attendance at a recent Academic Board meeting, his address to an all-day seminar of the University's finance managers, and his participation in the recent Golden Jubilee celebrations for alumni who graduated 50 years ago

The Chancellor reported that the new Chancellor's Committee had met twice. As a review and referral committee, it had been able to focus on a number of matters, which had been referred on to Council for its consideration, with the presentations benefiting from the committee's opportunity to analyse the detail. There had been no request for, or exercise of, delegated authority, and it was not envisaged such a need would occur. He indicated his disappointment that there had been a number of public comments about the committee, but that no member of the University community, apart from 2 students, had approached him to ask about the committee's purpose and function. The Chancellor reminded Council members that Council had agreed the committee should be reviewed annually - the first review was now only 9 months away. Later in the meeting, Council endorsed the committee's continuing to meet in closed session until it is reviewed. The Chancellor indicated that he would propose the format for the review to the next meeting of Council.

2. Council performance questionnaire

A questionnaire asking Council to evaluate their performance as a Council had been distributed to all Council members in September. The results were collated by the Council Secretary, who gave a brief presentation on the outcomes. While the results are necessarily confidential to Council members, they provide a useful benchmark for

regular assessment of Council's performance, and will assist in ensuring the Council is effective as the University's governing body.

3. Student Council elections

Council noted a report from the Returning Officer that Ms Helen Kavanagh had been elected unopposed as the postgraduate student representative on Council, and that Ms Elysia Turcinovic (a current member) and Mr Stephen Mullighan had been elected as the undergraduate student representatives. All will take up their positions on 6 March 2001.

4. Vice-Chancellor's Report

The Vice-Chancellor presented her regular written report to Council, which summarises for the benefit of Council members some of the major activities or items of note in the University since the previous meeting. Most of these have previously been reported in the Adelaidean and, as they will not be new to Adelaidean readers, have not been included here. Her additional oral report gave an overview of how health and safety issues are monitored in the University, and updated Council members on the state of Enterprise Bargain negotiations. [More details of the University's position can be found at: <http://www.adelaide.edu.au/HR/new/EBnews.htm>. Information on the NTEU's position can be found at <http://www.nteu.org.au/adelaide/>.]

5. Financial Management Reports

Council received and noted the monthly Financial Management Reports as at 31 August 2000 without comment. The operating result year-to-date is a surplus of \$2.151m against a budget surplus of \$3.942m.

6. Other reports

Council also noted other reports from the Senior Managers (see <http://www.adelaide.edu.au/secretariat/council/2000/meeting00.htm>), as well as reports from the Convenors of other Council committees.

A proposed presentation from the Deputy Vice-Chancellor (Education), Professor Penny Boumelha, was deferred to the next meeting of Council, which will be on 27 November.

SUSAN GRAEBNER
Council Secretary

RESEARCH GRANTS AND SCHOLARSHIPS

AND OTHER FUNDING SCHEMES

Research Grants & Fellowships

The following is a sample of grant, fellowship and other research funding schemes available for application. The complete listing, together with guidelines and application forms for some of the major schemes, are available at: <<http://www.adelaide.edu.au/RB/>>. For hard copy application forms and guidelines for the schemes listed, contact the Research Branch, ext 35137; or email <kelly.parish@adelaide.edu.au>.

Sponsored Programs Information Network (SPIN): SPIN Australia - A database containing current and comprehensive information on over 2,600 government and private funding opportunities. The SPIN web site is accessible via the Research Branch web site.

National Geographic Society - Grants for Scientific Field Research and Exploration: Internal closing date: Apply any time. Web site: <<http://www.nationalgeographic.com/research/grant/rg1.htm>>.

Department of Education, Training and Youth Affairs - Longitudinal Surveys of Australian Youth Analysis Grants: External closing date: 8 November 2000. Web site: <<http://www.detya.gov.au/tenders/tenders.asp>>.

Royal Geographical Society - Ralph Brown Expedition Award: Internal closing date: 16 November 2000. Web site: <<http://www.rgs.org/>>.

Australian Petroleum Production and Exploration Association Limited - Tony Noon Memorial Fund (grant for current or recent Honours students): Internal closing date: 17 November 2000. Web site: <<http://www.appea.com.au>>.

Rockefeller University - Rockefeller Archive Centre Residencies and Grants-in-Aid: Internal closing date: 17 November 2000. Web site: <<http://www.rockefeller.edu/archive.ctr/ac.giap.html>>.

DETYA - Australia Indonesia Merdeka Fellowship: Internal closing date: 24 November 2000. Web site: <<http://www.detya.gov.au/international/merdeka.htm>>.

Japan Foundation - Annual Grant Program: Internal closing date: 24 November 2000.

Australian Telescope National Facility, CSIRO - Bolton Postdoctoral Fellowship: Internal closing date: 24 November 2000. Web site: <<http://www.atnf.csiro.au>>.

Fisheries Research and Development Corporation - Research Funding: Internal closing date: 24 November 2000. Web site: <<http://www.frdc.com.au>>.

University of Cambridge - Corpus Christi College - Visiting Fellowships: Internal Closing Date: 1 December 2000. Web site: <http://www.corpus.cam.ac.uk/fellowship/visiting_fellow.shtml>.

Howard Hughes Medical Institute - Postdoctoral Research Fellowships for Physicians: External closing date: 13 December 2000 (must apply online). Web site: <<http://www.hhmi.org/grants/graduate/application/index.htm>>.

American Association of University Women Educational Foundation - International Fellowships for 2001-2002: Internal closing date: 15 December 2000. Web site: <<http://www.aauw.org>>.

Middle East Desalination Research Centre - Improvements in the Low Energy Vapour Compression Distillation Technology: Internal Closing Date: Pre-proposals submitted any time; Full proposals 15 January 2001. Web site: <<http://www.medrc.org.om>>.

Cotton Research and Development Corporation (CRDC) - Research Projects, Scholarships and Awards: Internal closing date: 22 January 2001. Web site: <<http://www.crdc.org.au>>.

New Educational Aids in Medicine and Science (NEAMS) - Trust Grants: Internal closing date: 24 January 2001.

American Association of University Women - Annie Jump Cannon Award in Astronomy: Internal closing date: 29 January 2001. Web site: <<http://www.aauw.org/3000/awards/ajcbd.htm>>.

The Channel 7 Children's Research Foundation of SA - Research Grants: Internal closing date: 29 January 2001.

Australian Museum - 2001 Eureka Prizes (for Environmental Education; Industry; Critical Thinking; Environmental Journalism; Promotion of Science): Internal closing date: 2 February 2001. Web site: <<http://www.austmus.gov.au/eureka>>.

Australian Flora Foundation - Research Grants for Funding in 2002: Internal closing date: 2 March 2001.

National Facility Steering Committee Oceanic Research Vessel Franklin - Call for applications for use of Franklin in 2002 and expressions of interest for 2003 and beyond: Internal closing date: 24 March 2001. Web site: <<http://www.marine.csiro.au/franklin/>>.

Crane Rogers Foundation - Institute of Current World Affairs Fellowship Program: Internal closing date: 24 March 2000 for a June decision. Web site: <<http://www.icwa.org>>.

John Nicholas Brown Centre - Research Fellowship Program: Internal closing date: 1 April 2000.

Matsumae International Foundation - Fellowship Program: Internal closing date: 17 July 2001.

Lady Davis Fellowship Trust, Israel - Fellowships: Various closing dates. Web site: <<http://www.sites.huji.ac.il/LDFT>>.

Natural Sciences and Engineering Council of Canada - Visiting Fellowships in Canadian Government Laboratories: Applications may be submitted at any time. Web site: <<http://www.nserc.ca>>.

The Royal Society - International Scientific Opportunities - Fellowships, Study Visits and Joint Projects: Various closing dates. Web site: <<http://www.royalsoc.ac.uk>>. Guidelines and application forms available from <<http://www.royalsoc.ac.uk/ies/ies.htm>>.

Department of Communications, Information Technology and the Arts: Visit the web site - a single point of access to a full range of information and opportunities available (more than 4,500 grants, programs and services). Web site: <<http://www.dcita.gov.au>>.

Boehringer Ingelheim Fonds - Travel Allowances: (biomedicine): Applications may be submitted at any time. Web site: <<http://www.bifonds.de>>.

Australian Spinal Research Foundation:

- Grants-In-Aid
- Travel Grants

Applications may be submitted at any time.

Dairy Research and Development Corporation:

- Postdoctoral and Visiting Scientist Fellowships
- Sponsorships - Conduct/Host Conference
- General Training and Development

Applications may be submitted at any time. Web site: <www.drdc.com.au>.

Human Frontier Science Program (HFSP) Organisation - Short-Term Fellowships: Applications can be submitted throughout the year. Web site: <<http://www.hfsp.org>>.

AusIndustry - R&D Start Program: Please contact Luminis Pty Ltd (extension 35020) for enquiries/assistance regarding the Program. Web site: <<http://www.ausindustry.gov.au>>.

Water Services Association of Aust - Research Projects: (previously Urban Water Research Association of Australia). Web site: <<http://www.wsaa.asn.au>>.

Ford Foundation - Grants: Applications may be submitted at any time. Web site: <<http://www.fordfound.org/>>.

Thrasher Research Fund - Scientific Program and Innovative Program Grants: (children's health): Applications may be submitted at any time. Web site: <<http://www.thrasherresearch.org/>>.

Motor Accidents Authority of New South Wales - Awareness/Prevention & Rehabilitation Projects: Applications may be submitted at any time.

Australian Agency for International Development (AusAID) - International Seminar Support Scheme (ISSS): Applications may be submitted at any time.

National Research Council of Canada (NRC) - Research Associateships Program: Apply at any time. Web site: <<http://www.nrc.ca/>>.

National Health & Medical Research Council (NHMRC) - Eccles Awards and Burnet Fellowships: The NHMRC is inviting expressions of interest in the Eccles and Burnet Awards, with no firm closing dates. Web site: <<http://www.health.gov.au/nhmrc/>>.

Rockefeller Foundation - Global Inclusion Program: Internal closing date: applications submitted any time. Web site: <<http://www.rockfound.org>>.

European Union - Framework Agreements for Research Collaboration: Web site: <<http://www.dist.gov.au/science/ist/country/eurunion/collab.html>>. (For information on opportunities under the EC/Australia S&T Cooperation Agreement and potential funding sources for Australian researchers) Web site: <<http://www.cordis.lu>>. (For information on European Community research programs, calls for proposals, partner search, contacts, publications, news, etc.)

Local Government Association of SA - Local Government Research and Development Scheme: Internal closing date: Apply at any time. Web site: <<http://www.lga.sa.gov.au>>.

Alexander von Humboldt Foundation

- Humboldt Research Awards for Foreign Scholars
- Alexander Von Humboldt Foundation - Humboldt Research Fellowships for Foreign Scholars

Applications may be submitted at any time. Nominations must be made by leading German scholars or research institutions. Direct applications are not accepted. Please note: The Selection committee meets three times a year, usually in March, July and November. The Foundation must receive applications by the Secretariat at least five months prior to these meetings. Web site: <<http://www.avh.de/en/index.htm>>.

Australian Vice-Chancellors' Committee / DETYA - Bradlow Research Fellowship: Applications may be submitted at any time.

Ian Potter Foundation and Ian Potter Cultural Trust - Grants/Travel Grants: Various closing dates. Web site: <<http://www.ianpotter.org.au>>.

Rural Industries Research & Development Corporation (RIRDC)- Conference & Workshop Travel Support Program: Applications will be accepted throughout the year but must be received by the Corporation at least three months prior to the planned travel date. Web site: <<http://www.rirdc.gov.au>>.

Earthwatch Australia: Centre for Field Research - Research Grants: Web site: <<http://www.earthwatch.org/cfr/cfr.html>>.

International Union Against Cancer (UICC) - International Cancer Fellowship: International Cancer Technology Transfer Fellowships

(ICRETT): No closing date, selection results within 60 days. Web site: <<http://www.uicc.ch/>>.

Australian Greenhouse Office - Alternative Fuel Conversion Program: Internal closing date: Apply at any time. Web site: <<http://www.greenhouse.gov.au/transport>>.

Scholarships

Unless otherwise indicated, information and application forms are available from the Student Centre, Level 4, Wills Building. Please lodge all applications with the Student Centre unless otherwise stated.

American Association of University Women - Charles and June Ross International Fellowship: Open to women scientists (natural and physical sciences) who are Australian citizens and are graduates of an Australian university. Available for full-time graduate or postgraduate study or research in the USA for one academic year. Value: approx \$US16,860. Applications only available from AAUW Educational Foundation, Fellowships & Grants, North Dodge Street, Dept 141, PO Box 4030 Iowa City, Iowa 52243-4030 USA. Further details from Professor June Ross, Department of Biology, Western Washington University, email: <rossjrp@cc.wvu.edu>. Closing: 15 December (USA).

American Association of University Women - International Fellowships 2001-2002: Open to women to study at the graduate or postgraduate level in the USA. Value: \$16,860. Applicants are judged on academic excellence, professional potential, and on the importance of their studies to their home countries. Applications can be downloaded from the AAUW web site at <www.aauw.org>. Closing: 15 December (USA).

British Federation of University Women: A booklet providing details of awards provided by the Federation is available on request to the Student Centre.

Cambridge Australia Trust Scholarships 2001 (including Packer and Poynton Scholarships): The Trust in collaboration with the Cambridge Commonwealth Trust in the UK are offering 12 scholarships annually for PhD, and others for one-year professional masters students. Total value of PhD scholarships is more than \$140,000. Enquiries: Honorary Secretary, Cambridge Australia Trust, GPO Box 93, Canberra ACT 2601, tel: (02) 6248 7744, fax: (02) 6248 6287. Details: <<http://www.anu.edu.au/cabs/scholarships>>.

Don Dunstan Foundation Postgraduate Research Scholarship 2001: Open to full-time postgraduate research students (PhD or Masters) for study at Adelaide University, Flinders University or University of SA. The scholarship will be offered in areas fostering research and education on a broad range of issues concerning social development. Closing: 10 November (Student Centre).

Sugar Research and Development Corporation: The Corporation has established awards to recognise contributions to research and development in the sugar industry. Value: \$2000. The preferred mode of application is via nomination by peers (either from the research/extension community or the sugar industry). Individuals may also apply directly. Closing: 30 November (Qld).

Zonta International - Amelia Earheart Fellowship: Open to women of any nationality in an effort to encourage and support women to expand their horizons by pursuing aerospace-related sciences and aerospace-related engineering. Value: \$US6000. Applications and details may be downloaded from <www.Zonta.org>. Closing: 15 November (USA).