

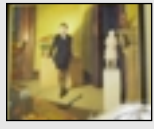
# Adelaidean

Volume 10 Number 1

News from Adelaide University

February 2001

I N S I D E



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## Gene study to unlock causes of stroke

A MAJOR new study at Adelaide University could have enormous world wide implications for the prevention of stroke.

The study, by Dr Simon Koblar and fellow neurologist and PhD researcher Dr Jim Jannes, will examine genetic factors that might predispose people to ischaemic stroke—where a blood clot chokes off oxygen supply to part of the brain, leaving the victim in many cases dead and in most cases disabled.

Blood clots account for 85% of the total number of strokes, which kill 12,000 Australians each year. As a cause of mortality stroke sits just behind heart disease, but in terms of disability stroke is the international leader, costing billions of dollars each year and causing untold misery.

Stroke is a bit of a mystery, too. Interest in heart disease has led to huge changes in public attitudes to smoking, fat consumption and exercise—all factors that are also implicated in stroke. But some people who smoke heavily, have high cholesterol levels and eat huge quantities of fatty food don't succumb to stroke, while others who obey all the rules are struck down.

Just as with heart problems and Alzheimer's disease, a few family studies have suggested a genetic link in strokes.

"If you have a first-degree relative who has had such a stroke, it roughly doubles your own risk," said Dr Koblar, senior lecturer in the Department of Medicine.

"Studies of twins have shown that an identical twin whose sibling has suffered from a stroke has a three or four-fold increase in the risk of doing so," he said. "That

suggests to us that there are genetic factors that underlie stroke. If so, we want to know what they are."

The work will be supported by a \$55,000 Viertel Clinical Investigatorship won by Dr Koblar last year. It is a prestigious research grant made to new Australian researchers in medicine, and to fund medical research in a new direction.

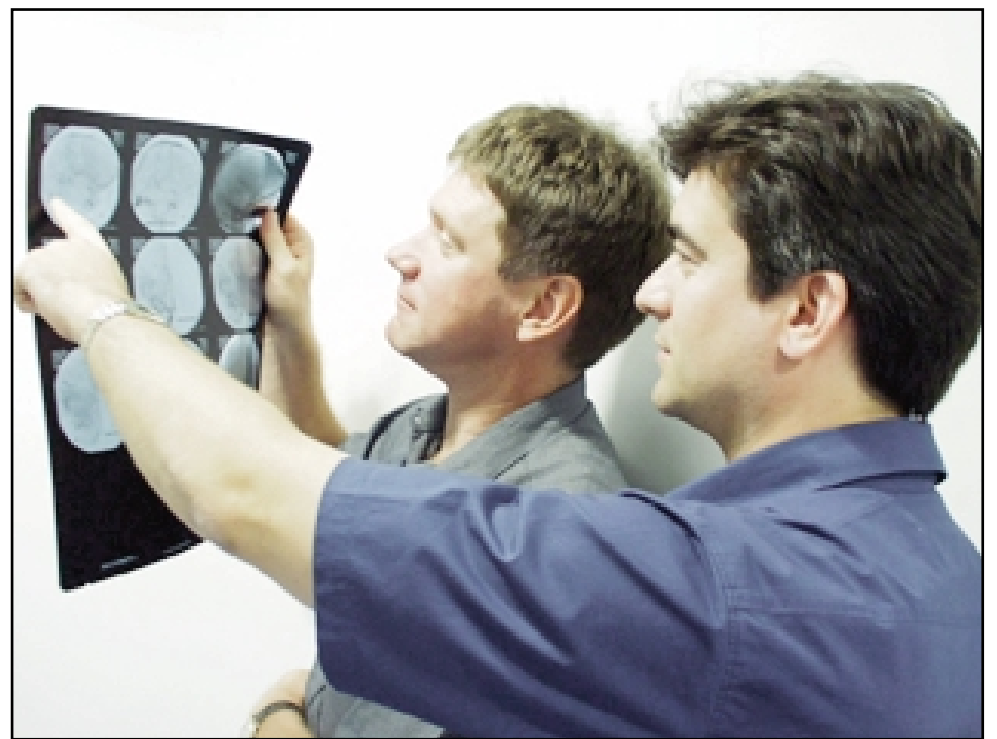
The direction of this research could not be much newer. It relies upon findings of the Human Genome Project, which has isolated and sequenced, among others, various genes that could be implicated in stroke.

"We can now say that we know of a number of genes with a role in ischaemia in the brain," said Dr Jannes, from the Department of Medicine, Queen Elizabeth Hospital.

"The situation is complicated because of polymorphism—subtle variations in these genes among different members of the population," he said. "From the Genome Project we now have genetic code to study these genes in stroke victims, and determine whether any of the variations are associated with higher risk of stroke."

Some 20 years worth of study of the pathology of stroke has isolated many physiological factors that are implicated in its onset. They include the blood's clotting process, the condition of blood vessels and the presence of various proteins. The researchers have selected eight genes whose effects are largely known, seven of which are involved in blood clotting, and one which plays a role in fat metabolism.

"We're very excited about this study," said Dr Koblar. "Not only is it a national first, but there is no multiple gene analysis study so far



Dr Simon Koblar and Dr Jim Jannes examine a CT scan of a stroke patient's brain.

published in the world, though we're sure this will be the way of future research in this field."

According to Dr Jannes, the genetic analysis will use a unique molecular strategy developed by collaborators at the Australian Red Cross. The strategy will allow 100 patients to be screened for a polymorphism, or genetic variation, in only a couple of hours. "Being able to genetically screen rapidly and reliably is essential in such a study," he said.

The researchers hope that their study will reveal the importance of variations in these eight genes, and identify those that might predispose people to a stroke.

The consequences of such a finding could be immense. There are already treatments for patients who have suffered one stroke, such as administering drugs that help prevent clots from forming, but they are only effective in preventing a subsequent stroke in about one third of patients.

*Continued Page 4*

## Reproductive unit scores a world first

IN ITS 22 years of existence, Repromed has managed quite a few impressive 'firsts'.

Repromed, the corporate name of Adelaide University's Reproductive Medicine Unit, provides fertility services. The unit's work is distinguished by its use of the latest research in reproductive medicine and, in initiating much of that research, the unit has played an international role in helping infertile couples realise the dream of having a child of their own.

More than 4000 babies owe their start in life to Repromed's clinical fertility treatments, which have been consistently ranked among the best in the world. The unit introduced Australia's first artificial insemination program, using frozen sperm from the first sperm bank in the country, which Repromed established in 1971.

*Continued Page 4*

## Education goes back to the blackboard

A BLACKBOARD that creates no dust will help take Adelaide University's teaching into the 21st century.

Blackboard is the name of a computer software program which provides a wide range of facilities for the development and delivery of online educational material.

Adelaide University is currently trialing Blackboard to assess its effectiveness and the impact of providing online education.

If all goes according to plan, centralised infrastructure and services to support online education will be fully implemented in early 2002, with great benefits for both students and staff.

This builds on the early, disparate efforts of staff at the University and the excellent results achieved by them in the field of online teaching and learning. The advantage of Blackboard is that it will enable online education to become a University-wide activity, available to all academic staff.

Staff from all faculties are taking part in the pilot program to assess Blackboard, following a feasibility study last year.

The pilot implementation project, called project PLATO (Providing Learning & Teaching Online) comprises a team of staff

“Students can have better educational outcomes when online material is available”

from Information Technology Services and academic departments, co-sponsored by the Director of Student & Staff Services and the Deputy Vice-Chancellor (Education).

"Instead of individual faculties having to develop and support their own online education infrastructure, which is fragmented and costly, staff will be able use a state-of-the-art and centrally serviced e-learning framework, and focus their attention on content development," said the director of the project, Mr Pieter Coetzee.

"This will allow them to produce a strong, consistent, quality range of educational materials for students.

"There have been some excellent approaches to online education at the University. This will draw together that excellence and allow us to present quality courses to students from one integrated point of access," he said.

"The demand for these services really comes from the students," said Dr Geoff Crisp, one of the pilot group members (Department of Chemistry). "It's been proven that students

can have better educational outcomes when online material is available to them."

This is especially true in the case of students who find it difficult to attend daytime lectures. For example, students who have to work during the day would be able to use the online programs after hours to keep up with their university study.

"This is an important direction for the University," said Deputy Vice-Chancellor (Education) Professor Penny Boumelha. "Not only does it open new educational opportunities for students on campus, but it provides more options for distance education and allows us to become more flexible in our teaching and learning."

Academic staff are urged to visit the Project PLATO website to learn more about the project, to participate in discussions and to start developing their own online education content. The website can be found at: <[www.adelaide.edu.au/ITS/elearn/](http://www.adelaide.edu.au/ITS/elearn/)>.

During 2001, all academic staff at the University will have the opportunity to become more familiar with the Blackboard program for themselves. By the end of the year the project team will have a final report and recommendations, ready for implementation by 2002.

# VoicE

## Messages and symbols



The completion of my official portrait seems to have sparked a lot of discussion and interest, both within the University and in the general community.

This is gratifying, particularly for artist Anna Platten, who has done a wonderful job in producing a fine piece of art for the University.

Her meticulous use of objects invites speculation about their symbolism and that's part of the pleasure of excellent art.

Like the symbol of the snake in the painting, for example, the language we use in universities is open to broad interpretation depending on our perspective and, perhaps, our prejudices.

The snake in the painting is, for me, a representation of my affection for the water python that lives at our Roseworthy Campus and my appreciation of all of the University's campuses. Of course, the snake is one of the most powerful symbols in Western culture and people will see the painting in a variety of ways depending on their perspective. I'm more than happy to live with the consequences for the sake of art!

I'm far less content with the consequences of the differing interpretations of the language we use to convey our aspirations for the University. When someone says "customer service", do we hear a call to providing a better educational experience for students? Or do we hear an abrogation of the established relationship between students and the University? Often, these interpretations can muddy the waters. We all aspire to provide the best quality education possible for our students. While using precise language is important, maybe we should shift our focus.

I believe it's time to build a new sense of unity within the University. Communication is often difficult in a university environment, but it's clear that we can do a lot better.

For this reason, you will notice some changes in the way we communicate throughout this year.

The *Adelaidean* is evolving into a different creature. It will be published monthly, with a strong focus on informing the University community and the broader public about the good work being done by University staff and the directions of the institution as a whole.

To improve internal communication, staff will receive a regular "electronic" newsletter, beginning later this month.

This newsletter, available via email and on the Web, will provide a broad spectrum of news—from decisions taken by Council and senior management, to external developments affecting the University, to useful information affecting your day-to-day work.

I hope these developments will improve communication between us all and, naturally, any feedback will be appreciated as the changes evolve over the year.

MARY O'KANE

# Everyone's talking about it...

THE portrait of Vice-Chancellor Mary O'Kane has broken with tradition—in a big way.

Nationally acclaimed South Australian artist Anna Platten was chosen to paint the official portrait, which is already a talking point at the University and in local and national newspapers.

Lifelike and obscure, the portrait now rests alongside those of Professor O'Kane's predecessors on the walls of the Mitchell Building.

It breaks with tradition in a number of ways: Professor O'Kane is wearing a dark suit instead of Vice-Chancellorial robes; we see not just her head and shoulders but her whole body as she stands, propped up against a cupboard; and the portrait is twice the size of her predecessors'.

In keeping with Anna Platten's style of unique portraits, the painting also features some unusual elements which add a touch of mystery and depth, such as a key, a necklace and other items of everyday use, a statue by Liz Williams, and a snake slithering at Professor O'Kane's feet.

Adelaide University Art Curator Mr John Perkins says he's delighted with the work: "It's a very good portrait by Anna Platten, and I think it's an excellent representation of the Vice-Chancellor. The fact that it breaks from tradition is a good thing, because it brings attention not just to that painting but to all of the portraits in our collection."

Ms Platten is an award-winning portrait artist and teacher at the Adelaide Central School of Art. She says she's not surprised at the attention received by her painting, and that she prefers portraits which are outside the norm.

"When I take on a portrait it has to be interesting, it has to be different and exciting, and that's obviously what Mary [O'Kane] wanted. You can say a lot about a person and a person's life that you can't say just within the framework of what their head and hands look like. This portrait is one of the more challenging things I've had to do, and I like it very much," she says.

Ms Platten was happy to comment on a number of the portrait's main features.

Showing Professor O'Kane in full-length, wearing a suit: "The suit seemed practical because that's what she wears, and also because it shows off her silhouette and her youth, rather than having her tucked away in an academic gown."

Her position in the room, and the size of the painting: "She's a small person who is dealing in a very big, demanding world, and I wanted to show a little bit of vulnerability. If I'd made the painting any smaller, she would have been too small for you to relate to. The scale is something that is relative to



Anna Platten with the portrait of Professor Mary O'Kane. Photo: David Ellis.

the person viewing the painting, so if it had been smaller it would have lost impact and that sense of realism. It also makes it a one-to-one experience, because if you're standing there looking at the painting, it really feels as if she's looking at you."

The items on the table: "Well, that's her coffee cup, and there was a copy of *Lumen* floating about. The note is just something general, showing an element of work. But I needed some other items to fill the space and also to add different colours, so I chose some items that were anonymous. The key is a good symbolic item, and I'd rather people just made up their own mind about what that symbolism is, and the locket is not something that Mary owns, it was something I found at my work and added for a touch of mystery."

The statue by Liz Williams: "Liz, the sculptor, is a friend of mine, and I think her works are beautiful. In the painting Mary is dark against light, and the sculpture is light against dark, so the whole thing provides ambivalence and energy. To me, the statue is reflecting on the past while Mary is moving forward, creating her own future."

The snake: "You should probably ask Mary about the snake, because she wanted it [the python from Roseworthy] and it was a bit of a last-minute addition. The serpent is a very powerful symbol. The interesting thing about symbolism in paintings is that the more ambivalent they are the more successful they are. It's always good to have a bit of mystery in a painting, and people always bring their own history to it, so when you look at the snake it's loaded with both good and bad. As far as symbolism goes, in its most positive form the snake means pure energy. But it's also scary too. I think the snake in this is a very friendly snake."

For more comments about the snake and the portrait, see this issue's *VoicE* column by the Vice-Chancellor. Professor O'Kane also praised Ms Platten for her work:

"She is an excellent artist and she's created a marvellous, unique portrait. Snake tells me she couldn't be happier with it. Nor could I."

The portrait of Professor O'Kane—and the other Vice-Chancellors' portraits—can be found on the walls of the main staircase in the Mitchell Building.

# Welcome to the Adelaidean's 10th year

IF this is the first time you've ever seen a copy of the *Adelaidean*, I hope you enjoy it.

Within these pages you will find some fascinating and exciting news about what is happening at Adelaide University and how the work here contributes to and impacts on the wider community.

If you've been a loyal reader for many years, you'll notice a few changes. The *Adelaidean* is now monthly and has returned to a more "newspaper" look. Our emphasis is on telling the wider world about the excellent work carried out at the University, as well as promoting the success of individual staff and students.

The year 2000 was a very good one for this newspaper in promoting the University to a wider audience. Our articles were reprinted in national newspapers; they were discussed on talkback radio; and they



dealt with issues affecting the local, national and international communities. The *Adelaidean* responded to issues and broke major research stories world wide.

This year is important for the *Adelaidean*—we're celebrating our 10th year! The paper began in 1992 under the editorship of John Edge, who remained its editor until 2000. Over a decade, the *Adelaidean* has grown into one of Australia's most respected university newspapers, and we hope to continue to

earn that respect.

As the year progresses we will see the *Adelaidean* evolve further to meet the needs of its many readers: staff and students of the University, alumni, the media, politicians, industry and the general public.

Thank you, the reader, for your continued support. I look forward to and encourage your feedback on the stories we run this year.

—David Ellis

## Adelaidean



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Deadline for next issue 22 February

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# Astronaut takes icons into space

NASA astronaut Dr Andy Thomas is due to blast into orbit again next month, but this time he'll take a few pieces of exploration history with him.

A balaclava worn by Antarctic explorer Sir Douglas Mawson, a piece of wood from Mawson's hut, and a slide rule used by Mawson during one of his Antarctic expeditions have been added to the payload of the space shuttle *Discovery*, which is scheduled to launch in March.

Mawson's balaclava is usually kept with other items of the Mawson collection in the Coach House at Adelaide University's Waite Campus. It was shipped to NASA in the United States late last year, where it was placed in storage on the *Discovery* and has awaited the final countdown ever since.

Adelaide University's connection with the astronaut and the Antarctic explorer is a close one in many ways. Dr Thomas, Australia's first astronaut, is a Mechanical Engineering graduate of the University, while Mawson was a lecturer and researcher in Geology. His Antarctic expeditions were a triumph not only of exploration but also of science.

Dr Thomas said he wanted to take a number of Mawson artefacts into space "to bring attention to the exploration contributions of an earlier generation of Australians".

"Today there is a whole new generation of Australians who may not be aware of the work of people like Mawson. The early Antarctic explorers were much like the



Above: Dr Andy Thomas aboard MIR.

Below: The now-famous image of Sir Douglas Mawson wearing a balaclava.

astronauts of today, and there are many parallels between the two forms of exploration," he said.

Dr Thomas said that by taking Mawson's balaclava into space, he also hoped to raise public interest in the Mawson collection at the South Australian Museum.

—David Ellis



## CRC funding boost

RESEARCH expertise at Adelaide University—particularly in the field of environmental science—has been recognised in the latest round of Cooperative Research Centre (CRC) funding announced by the Federal Government.

Over the next seven years the government will provide \$325 million in funding to 19 Cooperative Research Centres, five of which Adelaide University will participate in. This brings to 14 the total number of CRCs in which Adelaide University is a partner.

CRCs aim to foster stronger links between industry, educational institutions and government, encouraging greater research collaborations and R&D relevant to industry needs.

Two of the CRCs to receive funding are new: the CRC for Plant-based Management of Dryland Salinity and the CRC for Smart Internet Technology.

The other three are existing centres for which continued funding has been provided: the CRC for Australian Weed Management, and the CRC for Water Quality and Treatment and the CRC for Landscape Environments and Mineral Exploration.

Vice-Chancellor Professor Mary O'Kane said that, for its size, Adelaide University had a particularly high involvement in CRCs.

"This is a recognition of the quality and diversity of our research as well as a recognition of our commitment to innovation with industry relevance, contributing to economic growth and sustainability," Professor O'Kane said.

"The University is very strong in the environmental sciences and I am especially pleased that we will be contributing our expertise to the new CRC for Plant-based Management of Dryland Salinity, an area of crucial importance to Australia."

—John Drislane

## SA's top students - and twins - choose Adelaide



THE SOUND of celebration in an Evandale household took on a stereophonic ring when twin sisters Bronwyn and Michelle Knight learned they had been accepted into Medicine at Adelaide University.

Both had selected the course—and the University—as their first preference. The top-performing Seymour College students are now looking forward to staying in Adelaide and studying at the university of their choice.

"I checked out the curricula and did interviews with most of the interstate medical schools but Adelaide was the best," said Michelle. "Obstetrics is one of the areas I'm particularly interested in, and I like the program here which

pairs each student with a pregnant woman."

Bronwyn said it's too early yet to say what direction she hoped to take in her medical career.

"I'm interested in cardiology but there are six years of study to go, so I'm keeping an open mind."

The Medical School's entry policy, which takes into account other factors in addition to academic marks, is one with which the high achieving sisters agree.

"There's not much point in having medical practitioners who can't communicate with their patients," said Michelle.

The twins were just two of the top students who made Adelaide their university of choice.

Of the 12 SA students who achieved perfect scores in Year 12, 10 have chosen to study at Adelaide. Many other students who achieved near-perfect scores have also enrolled here.

Meanwhile, 14 major scholarships (some worth more than \$40,000 each) have been awarded to new students.

They include the Andy Thomas Scholarship, the Premier's Scholarships in Information & Communications Technology, Biological Sciences and Biotechnology, the Adelaide Undergraduate Scholarships, the Clipsal Scholarship in Electrical & Electronic Engineering, and the Menzies International Adelaide Scholarship.

## Joint research scheme puts global warming on the agenda

AUSTRALIA and Germany will play a key role in the writing of international energy laws to address global warming.

The work is part of a major new research initiative between Australia and Germany known as the Australian-German Joint Research Cooperation Scheme.

The scheme is the first of its kind for the two countries and is co-sponsored by Adelaide University with the Department of Industry, Science and Resources, the Australian National University (ANU) and the Deutscher Akademischer Austauschdienst in Germany.

Under the scheme, up to A\$1.6 million will be spent on joint research projects over the next two years, with the first wave of successful projects already announced.

Early this year, Adelaide and ANU will each send six research teams to Germany, where they will collaborate with German

universities and industry on projects that benefit both countries.

The projects from Adelaide University are:

- investigation of heat loss in combustion burners (Dr Bassam Dally, Mechanical Engineering)
- optimisation of rocket engines (Dr Gerald Schneider, Mechanical Engineering)
- development of a rotating kiln simulator (Dr Dennis Van Puyvelde, Chemical Engineering)
- numerical modelling of the thermal history of the North German Basin (Dr Andreas Schmidt Mumm, Geology & Geophysics)
- radar observations of the high latitude upper atmosphere (Dr Iain Reid, Physics & Mathematical Physics)
- development of national and international energy laws to mitigate climate change (Professor Adrian Bradbrook, Law)

The project to develop new energy laws is timely, as the UN Commission on Sustainable Development has placed energy and the atmosphere as its major priority over the next three years. Both Australia and Germany have demanding international obligations to reduce their atmospheric carbon emissions.

Adelaide's Professor Adrian Bradbrook will collaborate with Dr Eibe Riedel from the University of Mannheim to develop proposals for new laws and conventions on energy efficiency and renewable energy.

These would force industry to improve the efficiency of energy use and to make the shift to various forms of renewable energy sources.

"Energy law has been largely ignored by the legal community when considering means for resolving global warming," said Professor Bradbrook. "There is a need for both national and international laws to remedy this situation."

In January, the first group of successful research teams from Adelaide and ANU took part in workshops, where they learnt about German language, social and political issues, and conducting business and research in Germany. They also learnt about research commercialisation.

"There are great benefits to be had by the researchers, as well as the industry and communities of both countries," said the scheme's project manager, Ms Lynette Kelly (Research Branch, Adelaide University).

"The scheme will promote an exchange of culture and understanding between Australia and Germany, and the researchers involved will form partnerships and cement existing ones," she said.

Funding for further research projects will be announced throughout the year, with the next round of applications closing on March 31. For more information call 8303 5175 or email: <lynette.kelly@adelaide.edu.au>.

## Flu vaccine trial underway

PARENTS of children aged between 12-15 months are urged to enlist their children in a trial of a new flu vaccine.

The Vaccine Research team at Adelaide's Women's and Children's Hospital is trialling a new vaccine called FluMist. The vaccine is inhaled, not injected, with one quick burst of mist in each nostril.

FluMist contains weakened influenza A and B viruses which are currently the most common causes of flu in Australia. The FluMist vaccine has been shown to be well tolerated in more than 10,000 recipients, including 6500 children from 12 months of age.

The current trial is aimed at showing that FluMist still provides the same immunity in combination with other vaccines.

"We are offering the vaccine to 250 healthy children who have not yet received their measles-mumps-rubella injection," said Professor Don Robertson, Head of Adelaide University's Department of Paediatrics at the hospital.

"These children will also receive their scheduled measles-mumps-rubella vaccination as well as the chicken pox vaccine as part of the study," he said.

For more information: Dr Helen Marshall or Michelle Busuttill on 8204 6328.

# Hope exists for some primates

A TINY, big-eyed, nocturnal mammal is proving to be a success story amid an international primate crisis.

The 18th Congress of the International Primatological Society, held in Adelaide last month, was attended by 400 scientists and students from around the globe.

The conference highlighted major fears for the existence of primate species, including humankind's nearest cousin, the chimpanzee.

But one species, the tarsier—a small mammal native to the Philippines, with huge eyes and the ability to turn its head 180 degrees in each direction—is surviving thanks to conservation efforts.

A tiny rainforest dweller with bat-like ears and an acute sense of smell for hunting insects, the *Tarsius syrichta* is found on the southern islands of the Philippines.

Ms Irene Neri-Arboleda has recently completed a Masters degree on the tarsier at Adelaide University's Department of Applied & Molecular Ecology.

For the past two years she has combined studying in Adelaide with conducting extensive field work in Corella, on the island of Bohol.

Her research, which utilised state-of-the-art Geographical Information Systems to map the movement and location of the tarsiers,



A tarsier in its natural habitat.

provides important ecological and behavioural data on the animals, with the aim of creating more effective strategies for conservation.

Ms Neri-Arboleda presented a paper at the recent primatology congress which showed that conservation of the tarsier was already having a positive impact on the species.

"Six species of tarsier are geographically distributed in South-east Asia, although *Tarsius syrichta* is the only species found in the Philippines. It is currently threatened, so it is vital that studies are done to learn more about it," Ms Neri-Arboleda said.

Tarsiers are hunted and sold as pets, although they hardly thrive in captivity. The pet trade, coupled with rapid deforestation in the Philippines, saw population numbers plummet in the late 1970s.

Ms Neri-Arboleda said an eco-sanctuary had been developed on Bohol to protect the tarsier and heighten public awareness of conservation measures. The result has been a boost in tarsier numbers.

"The species has greatly benefited from the eco-sanctuary, and my studies have shown them to be quite resilient animals who survive well in a secondary forest.

"However, we need to learn more about them and ensure we preserve the natural environment so that the species can thrive," she said.

The paper Ms Neri-Arboleda gave at the recent primatology conference was the same paper for which she shared a prize at the 13th Annual Australasian Wildlife Management Society Conference held in New Zealand last year.

Her research was supervised by Dr Phil Stott, Professor Hugh Possingham and Dr Sue Carthew, and was funded by Adelaide University, the National Geographic Society in the US, Primate Conservation Inc, Research Abroad Fund and the Australian Agency for International Development.

# Our reproductive unit scores a world first

From Page 1

Repromed was also the first South Australian unit to achieve IVF pregnancies. It was the first Australian unit to develop blood hormonal assessments for tracking an IVF cycle, as well as mobile incubators for fertilised eggs cells and embryos. The list of notable achievements fills a page.

"The desire to have your own children is a basic human aspiration which does not discriminate for age, gender, race, social or financial status," said Professor Rob Norman, Head of the unit.

"Some couples are shattered when they discover that they can't have children naturally, but medicine now offers hope to most who are faced with infertility."

The unit's list of 'firsts' includes many technical innovations, but for patients, especially those rendered vulnerable by failure to have a child, an emphasis on technique and procedure can sometimes come at the cost of sensitive treatment. Patients' emotional needs can be overlooked in the quest to deal with their physiological problems.



Repromed's latest award shows that it is well ahead in that field, too. The unit has just become the first company in the world to receive certification devised by the International Standards Organisation (ISO).

The accreditation award (ISO 9001:2000) recognises the commitment of management in developing, maintaining and improving the quality of customer service, monitoring client feedback and responding to it. It acknowledges the unit's expertise with a management system widely used in business,

but rarely seen in medicine.

"Our system ensures that all staff are aware of their roles and responsibilities, and how they should perform them," said Ms Sue Opie, Quality Manager.

"The system checks that this is happening through regular audits, and if improvement opportunities or problems are raised, then something is done about it," she said.

"After an appropriate time we go back to see if changes we put in place are working. If

not, we try another option. It has to be flexible, and staff benefit if they are open to trying something new."

Awards mean good publicity and recognition, but in this case the award will help to encourage good practice in other medical units.

"Certification is a great asset to our business," said Ms Opie. "But because we are the first company to receive it, we can assist other IVF companies and medically based practices to gain their own accreditation by offering them a start-up service. They can have the advantage of our experience when embarking on their own certification process," she said.

The award will be presented by Mr Ross Wright, CEO of Standards Australia, on 6 February at Adelaide's Wakefield St Hospital, where Repromed operates one of its clinics.

The presentation ceremony will be followed by a short talk on "Quality and Consumer Expectations" from Ms Sandra Gill, the Executive Director of ACCESS, a national infertility consumer support organisation. The public are welcome.

—Rob Morrison

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## Gene study to unlock causes of stroke

From Page 1

Anything that can increase that level of protection would be a medical achievement of real significance, but the researchers caution that such treatment would take some time to develop following completion of this study.

"There will be no single gene for stroke," said Dr Jannes. "The causes are likely to involve many factors, some enhancing each other. Even if we can isolate genes that are involved, we will then have to determine what exactly they do in the body, and only then can we expect to develop suitable treatments."

The researchers regard the city of Adelaide as the perfect size for their work. They already have data from 50 patients and plan to collect more from a total of 500, drawn from the Queen Elizabeth, Lyell McEwin and Royal Adelaide hospitals and Flinders Medical Centre.

"It will give us a resource in Adelaide that

has enormous potential for future studies," said Dr Koblar. "The patients have given permission for their blood samples to be stored, so any future study, subject to ethical approval and patient permission, will be able to make use of them," he said.

Studies of this kind must compare patients with a comparable control group drawn from the population. This control group will be selected by an independent body, which will contact members of the public and ask them to become involved.

"We hope that anyone who is approached to take part in this study will do so," said Dr Koblar.

"Almost everyone can think of a friend or relative who has suffered a stroke, and when stroke claims us or our relatives or friends, we feel powerless. Participation in this study may allow people to make a difference for all of our future health," he said.

—Rob Morrison



A CT scan of a stroke victim's brain. A finger points to a dark area indicating a blockage of the left middle cerebral artery.

# Benefits flow from winemaking facilities

**EDUCATION, especially vocational education, often has to work on a small scale.**

Models of hotel rooms, tiny bars and dummy restaurants allow tourism students to practise their skills, simulated hospital rooms and operating theatres help nurses and doctors learn their techniques. It can be harder when it comes to industry.

Many industries work efficiently only on a massive scale. Smaller models, or processes with limited handling capacity, can give an unreal perception of what the real thing will be like when training is over and the real challenge of the workplace replaces it.

For students of winemaking who are studying at Adelaide University's Waite Campus, 12 new fermenters will allow educational facilities there to operate at industry designated levels, reproducing commercial conditions in the laboratories of the Hickinbotham Roseworthy Wine Centre.

"The vessels are a scaled down version of operational fermenters," said Mr Ron Potter, who designed the fermenters in conjunction with researchers at the Waite Campus.

"The sensing and sampling devices are much more sophisticated than their industrial counterparts, which means we can very accurately monitor and control each fermentation," he said.

The new fermenters will be used to process the 2001 vintage. Together with new pneumatic and basket presses, students and researchers will be able to work with wine quantities on a commercial scale for the first time.

Grapes for the work will be donated by the wine industry, and the Laboratory Manager, Mr Stephen Clarke, is keen to repay the debt. The laboratory is available to industry for fermentation research, while other facilities there, such as the "chemical nose" are also available to industry researchers.

"Vintage 2001 will also see the completion of the transfer of the Roseworthy still from its original home on the Roseworthy Campus to the Waite site; part of the process of bringing the full range of viticulture, oenology and related studies together on the one campus, with access to top-grade facilities and expertise," said Mr Clarke.

—Rob Morrison



Wine Science Laboratory Manager Stephen Clarke, pictured at the Hickinbotham Roseworthy Wine Science Lab.

## Promoting the good drop in the Big Apple

**WINE marketing graduate Nicholas Withers has landed a prestigious position in the United States.**

Mr Withers (pictured right), who completed a Diploma of Wine Marketing at Adelaide University and was working as Wine Coordinator for Foster Public Relations in Adelaide, has been chosen as the USA Australian Wine Bureau intern for 2001.

He is currently spending the 12-month internship in New York, where he joins a three-person team headed by Jan Stuebing, Trade Director of the USA Australian Wine Bureau.

Last year, the United States accounted for more than \$A114 million of wine sales, making it Australia's second largest wine market. Australian wine exports to the US increased by more than 50% in 2000.

The internship program, supported by the

Australian Wine Export Council, provides an opportunity for a recent wine marketing graduate to learn about this extremely important market and assist with collaborative export promotion. Already one year old, the program has been so successful that the Council is considering similar schemes in other countries.

Mr Withers is the second intern to take part in the program. Before leaving Adelaide in January, he said he was looking forward to building on his store promotion and sales experience, and said his new role would fulfil a personal dream.

"I'm excited by the opportunity to establish myself within my chosen field in a marketing and export-oriented role, while experiencing a different cultural environment," he said.

Mr Withers replaces the inaugural intern, who was Damon Ross-Walker.



## Medical students to receive work injury training

**MEDICAL students at Adelaide University will receive expanded training in workers' compensation issues under a new agreement between the University's Medical School and the WorkCover Corporation.**

The collaboration recognises the crucial role doctors play in treating the victims of workplace injury and illness. It will extend the workers' compensation component of the University's medical undergraduate curriculum, particularly in the area of managing soft tissue and related injuries, beginning this year.

Medical consultants employed by WorkCover will advise on curriculum development and assist with aspects of teaching in the medical course, and the Corporation will also provide access to specialised databases and funding for administrative support. The agreement is a first for WorkCover in Australia.

The Executive Dean of Adelaide University's Faculty of Health Sciences, Professor Derek Frewin, said the Medical School was implementing a new curriculum which would ensure that Adelaide University medical graduates were equipped to deal with the changing needs of the community through the early decades of the new century.

"This collaboration presents a unique opportunity for the medical profession and industry to work together and increase medical students' exposure to areas of training relevant to their future careers," Professor Frewin said.

WorkCover Corporation Chief Executive Officer Mr Keith Brown said medical practitioners were the primary treatment deliverers for injured workers.

"They play a pivotal role in the ongoing management of the injury and injured person, from a clinical and treatment perspective, as well as overseeing the client's return to safe work," he said.

"The extension of training in treatment of the work injured will enhance the ability of the next generation of doctors to provide an expanded range of services for their patients."

—John Drislane

## New grain variety helps Australian farmers

**PLANTS that are the staple food of some animals can be deadly to others.**

Many plants have properties that lie somewhere between the extremes of toxic and safe. Vetch is one of these.

Common vetch is useful to farmers as a versatile nitrogen-fixing crop in cereal crop rotations. The plant grows particularly well in southern Australia and has also been used as feed for cattle and other ruminants for many years, but its seeds contain more than 1% of a nerve toxin that is harmful to monogastric (single stomach) species, such as pigs and poultry.

A team of Adelaide University scientists led by Dr Max Tate at the Waite Campus has successfully produced a low-toxin white-vetch grain that offers considerable health benefits to livestock and economic possibilities for farmers.

The new strain has the potential to markedly improve marketing opportunities for the crop. Details of the new variety were released at the 10th Australian Agronomy Conference in Hobart last month.

"We've been able to reduce the toxicity of the grain by nearly two thirds, to 0.4%," Dr Tate explained. "We've used a rapid new

selection procedure to produce a series of easily recognised, white-seeded varieties which cannot be confused with red lentils; a completely different plant," he said.

In the past, these red lentils have caused more than a few problems. Dr Tate earned an international reputation in the 1990s when he voiced his concern at the export of a toxic Australian feed vetch as a cheap substitute for food-grade lentils. According to Dr Tate, such exports to third world countries had the potential to cause serious health problems.

Exposure of the vetch/lentil substitution issue stalled the vetch grain export industry in 1993, with import bans imposed by India, Saudi Arabia and Egypt. In 1998/99, another outbreak of orange vetch exports from Australia caused Sri Lanka, Pakistan and Bangladesh to ban their importations of Australian vetch.

"Worse still," said Dr Tate, "the fledgling and highly valued red lentil industry, which was non-existent in 1993, was also damaged because of the consumer's difficulty in distinguishing between orange vetch and red lentils."

Dr Tate expects that the high-yielding, low-

toxin white vetch varieties which his team hopes to develop could supersede the current orange seeded lines.

"Should that occur, Australia's vetch grain production industry will rapidly expand, and finally put a stop to the repeated substitution of the toxic orange vetch grain for food-grade red lentils in overseas markets."

Early trials with the new strain have been very promising.

"Feeding trials at the Pig and Poultry Production Institute at Adelaide University's Roseworthy Campus have shown that low-toxin (<0.45%) lines of common vetch, can be tolerated by three-week-old chicks," Dr Tate said. "High-toxin lines cannot."

"With the new white-seeded low-toxin varieties, the key problem limiting entry to the monogastric feed market is removed," said Dr Tate. "By extending the versatility of vetch, this can only be good news for farmers."

Dr Tate's research, which involved a team of PhD students, was funded for two years by the South Australian Grains Industry Trust Fund and was carried out in collaboration with Dr Glenn McDonald and plant breeder Dr Doza Chowdhury.

# Alumni Association recognises outstanding contribution

THE outstanding contributions of Mr Peter Balan to Adelaide University's Alumni Association were recently recognised during the Science Graduation Ceremony held on 20 December 2000.

Mr Balan was awarded an Honorary Life Membership of the Alumni Association which was presented by the Hon Greg Crafter, Chair of the Association, in recognition of his outstanding and dedicated work and contributions to the Alumni Association and to the University's alumni relations.

The citation, delivered by Professor Edwina Cornish, Deputy Vice-Chancellor (Research), outlined Mr Balan's significant commitment to Adelaide University and, in particular, the Alumni Association (formerly known as the Adelaide University Graduates' Union).

As an undergraduate student, Mr Balan served as a member of the then Students' Representative Council (now Students' Association) and as its President in 1969/70. He has also been a member of the Council of the Adelaide University Union, was the first student to be elected to the University



The Hon Greg Crafter (left) with Mr Peter Balan following the graduation ceremony.

Council and has served on a number of student and University committees. Since 1978 he has been a member of the Standing Committee of the Senate of the University.

In the late 1970s, Mr Balan strongly argued for the University's greater involvement with its alumni and to engage with them in an effort to develop support for the University.

For the period 1983-1985 Mr Balan was a member of the University Council Working Party responsible for providing a report to Council on "The Relationship between the University and its Graduates". As a direct result of this report, both the office of Graduate Affairs (now Alumni, Community Relations and Development) and the Alumni Association were established.

In 1985 Mr Balan was appointed by Council to be a founding Member of the Association's Executive Board and its Trustees. He was also appointed to the position of Pro-Chair, which he held until his resignation on 5 July 1999, and was Acting Chair from January to March 1999.

He has further served as a member of the Association's Selection Committees for the AUGU/RC Heddle Award for doctoral students and the Alumni University Medal, the pre-eminent award for outstanding academic achievement by undergraduate students in the University.

Mr Balan holds a Bachelor of Science, a Bachelor of Engineering (Electrical) with Honours and a Master of Business Management from Adelaide University.



Ms Rachael Oliphant (left), Director of Alumni and Community Relations and Ms Laurel Rossnagel, Associate Executive Director, Alumni and Development, University of Saskatchewan, Canada. The staff of the Alumni, Community Relations and Development office had the pleasure of meeting with Ms Rossnagel to exchange information on alumni relations and activities during her recent visit to Adelaide.



Pictured (from left) Mr S Iswaran, Managing Director, Direct Investments at Temasek Capital (Private) Limited, the Hon Greg Crafter, Chair of the Alumni Association, and Mr Geoff Sauer, Coordinator, International Alumni Relations. Mr Iswaran, who holds a First Class Honours degree in Economics from Adelaide University, was welcomed back to his alma mater by the Chair of the Alumni Association during his recent visit to Australia. Among his many achievements in the public, private and NGO sectors of Singapore, Mr Iswaran was also elected as a Member of Parliament in the 1997 Singapore General Elections.

## Alumni Board

FOLLOWING an extensive nominations process the membership of the Alumni Association's Alumni Board was recently approved by the Vice-Chancellor on behalf of Council. The Alumni Association welcomes the following members of its Alumni Board:

### CHAIR

The Hon Greg Crafter

### PRO-CHAIR

Ms Jane Jose, General Manager, Corporate Strategy, Hassell Pty Ltd

### THE VICE-CHANCELLOR (ex officio) or a Nominee

Dr Norman Ashton, Pro Vice-Chancellor (Development)

### BOARD MEMBERS AT LARGE

Ms Elizabeth Geddes, Director, Prospective Students Office, Adelaide University

Mr John Kiosoglous, Senior Member, Federal Administrative Appeals Tribunal

Dr Phil Butters, Head, Department of English, Adelaide University

Ms Verna Blewett, Director, New Horizon Consulting

### CHAPTER REPRESENTATIVES

Mr Sim See Kee, The University of Adelaide Alumni Malaysia Bhd

(Miss Pei Kwun Yap, The University of Adelaide Alumni Association Hong Kong Inc, alternate international Chapter representative)

Dr Robert Penhall, Florey Medical Chapter

Mrs Elizabeth Silsbury, Cornell Chapter (Arts & Performing Arts)

Ms Gail Higginbottom, Science and Mathematical Sciences Chapter

Mr Ray Taylor, Roseworthy Old Collegians Association Inc.

Mr Paul Williamson, MBA Alumni Association

### POSTGRADUATE STUDENT (PGSA)

Mr Farley Wright

### UNDERGRADUATE STUDENT (AUU)

Ms Tanisha Hewanpola

The first meeting of the Alumni Board will be held in February 2001. For information on the Alumni Board call Ms Kim McBride on (08) 8303 3196.

### Advertisement

## Our help makes hosting your conference easier.

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

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

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

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

Find out more by contacting ACTA's University Project on (08) 8303 2333 or uni@acta.com.au

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Adelaide SA 5000  
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Facsimile +61 8 8303 2355  
http://www.visit.adelaide.on.net



ACTA291

## Free campus tours

Tours recommence 6 February 2001

Learn about the history and heritage of South Australia's oldest University. **Individuals, families and groups are all welcome.**

Tours are conducted by trained guides and 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 10.30am and are free of charge. Groups may make arrangements for tours at other times by calling the Alumni, Office on (08) 8303 3234.

Meet at University Gate 20 next to the Art Gallery of SA on North Terrace.

## After hours parking?

Permits enabling you to park on University grounds between 4.30pm and 8.00am on weekdays and all weekend are offered by the Alumni Association. Simply complete the form on page 3 of the Bulletin Board and, if making a credit card payment, fax it to the Alumni Office on 8303 5808 or mail it free of charge to: Alumni, Community Relations and Development office, Adelaide University, Reply Paid 498, ADELAIDE SA 5001 AUSTRALIA

## Cornell book launch

THE Cornell Chapter of the Alumni Association is pleased to sponsor the official launch of *Warrabarna Kurna! Reclaiming an Australian Language*, by author Dr Rob Amery.

The book is a longitudinal study of the reclamation of the Kurna Language, where Kurna people are working in collaboration with linguists and educators. This study is breaking new ground, challenging widely-held beliefs about what is possible in language revival and questioning notions about the very nature of language and its development.

Dr Amery, is a Senior Lecturer in Aboriginal Studies and Australian Studies in the Unaipon School at the University of South Australia, and a former Lecturer in Linguistics at Adelaide University. He is also an alumnus of Adelaide University, having completed his PhD on Kurna language reclamation in 1998.

He currently serves as consultant linguist to the Kurna language programs in schools and various community projects which incorporate the Kurna language, drawing also on his knowledge of other Aboriginal languages.

The book launch will be held at the Tandanya Aboriginal Cultural Institute, 253 Grenfell Street, Adelaide on Thursday, 8 February 2001 commencing at 6:30pm. The book will be launched by Dr Alice Wallara Rigney, former Principal of the Kurna Plains School, Professor Denise Bradley, Vice-Chancellor, University of South Australia, and Lester Irabinna Rigney from the Yunggoendi First Nations Centre for Higher Education and Research.

Light refreshments and entertainment will be available including Kurna language songs by Nelson Varcoe. *Warrabarna Kurna!* will be on sale at the launch at the one-off 25% discounted price of \$69.00.

For further information please contact Kim McBride at the Alumni, Community Relations and Development office at (08) 8303 3196.



# GRADUATIONS

DECEMBER 2000



Advertiser photographer Darren Seiler takes pictures of mother and daughter Nicky (middle) and Sarah Hudson, who were both honoured at the Medicine Graduation Ceremony. Nicky, from the Department of Physiology, received her Stephen Cole the Elder Prize for Excellence in Teaching, while Sarah received PhD in Obstetrics and Gynaecology.



YONG Hou Leong, of Singapore, received his Master of Business Administration at the December graduation ceremonies. He said Adelaide University's flexible delivery meant he could juggle study with his employment as a quality assurance manager for a Singapore firm, which requires him to travel constantly throughout South-East Asia.



In a special "pre-graduation" ceremony, Centre for Aboriginal Studies in Music (CASM) students (from left) Wayne Surha, Kelly Anderson, Deina Walsh, Genevieve Baily and Simone Gristwood each received a Wilto Yerlo sash featuring the colours of the Aboriginal and Torres Strait Island flags. The five graduated with an Associate Diploma in Aboriginal Studies in Music. Also receiving sashes were Advanced Certificate in Aboriginal Studies in Music students Ashley Coleman and David Kemp (not pictured).



The class of 2000... Adelaide University's Bachelor of Medicine and Surgery graduates for 2000 gathered at the entrance of Bonython Hall for this memorable picture opportunity.



Dr Elizabeth Reid graduated with her PhD in Environmental Studies. Dr Reid is the coordinator of the South Australian Whale Centre at Victor Harbor.



Kaurna person Mervyn Wilson graduated with a Bachelor of Arts, majoring in politics. A former football umpire, Mervyn was delighted to have graduated and considers the degree a vital component of his life's ambition to be constantly improving.

## Asian crises exposed in new symposium

**FORMER Foreign Affairs Minister Gareth Evans will be a keynote speaker at Adelaide University this month, at an international symposium dealing with the issue of "Crisis in Asia".**

*Crisis in Asia: Local, Regional and International Responses* will be held in the University's Council Room on February 16 and 17.

The symposium features many eminent scholars from Asia and Australasia who will examine a number of key crises in the region—social, economic, ecological and territorial.

The Hon Gareth Evans, QC, is former Australian Foreign Affairs Minister and is currently the President of the International Crisis Group in Brussels. His keynote address, "Preventing Deadly Conflict", will be given at 3pm on February 17.

The symposium features a wide range of speakers from countries such as Pakistan, India, China, Korea, Japan, Indonesia, Singapore and the Philippines.

Topics of interest include economic crises, population, migration and refugees, impacts on agriculture and the environment, the impact of crises on

people, political crises in all regions of Asia, the conflict between India and Pakistan, and the responses to crises by the International Monetary Fund and the World Bank.

"Unlike many other conferences and published material whose emphasis has primarily been on economic and financial aspects, this symposium will address a range of other critical issues, such as the strategic forces shaping the regional crises, social and ecological crises, and territorial, nuclear and sovereignty crises—both actual and potential," said the project director, Professor Purnendra Jain from Adelaide University's Centre for Asian Studies.

"We will not only look at the responses of the World Bank and the IMF, but also of NGOs and other independent organisations," he said.

The symposium is funded by the Japan Foundation, with additional support from AusAID, the Kennedy Trust, University of Otago, Adelaide Research Centre for Humanities & Social Sciences, the Japanese Consulate General in Melbourne and the Vice-Chancellor's Office of Adelaide University.

—David Ellis

## Amazing sci-fi stories on show

**SCIENCE fiction is an impure genre, as a new display at Adelaide University's Barr Smith Library shows.**

It ranges from the works of famous 19th and 20th-century authors, such as Edgar Allan Poe and HG Wells, to the pulp fiction of the American magazines *Amazing Stories* and *Astounding Science Fiction*. It encompasses images from Mary Shelley's monster in *Frankenstein* to Dr Beverly Crusher, from the television and film series *Star Trek: The Next Generation*.

Science fiction is a world wide phenomenon, and one of the most popular of literary genres. Perhaps this is because it documents our fascination with the future, with the "what if?" scenario in life and society.

What if communications technology were used to control every single aspect of our lives, as in Orwell's *1984*? What if anti-feminism were taken to its logical extremes, as in Atwood's *The Handmaid's Tale*? What if we could travel

through time as well as space?

Speculation within the realms of scientific possibility has also produced some of the most widely watched films and television: *Star Wars*, *Jurassic Park*, *ET*, *The X-Files*...

Libraries collect science fiction as part of their contribution to recording and preserving the heritage of literature and popular culture. This new display is formed from the collections of two university libraries.

Flinders University Special Collections holds the Allan Bray Science Fiction Collection, a large private collection of books and periodicals that was donated to the library in June 2000 (including a long run of periodical titles from the 1930s to the 1990s; titles such as *Galaxy*, *Authentic Science Fiction* and *Analog* are shown in this display.)

The Barr Smith Library at Adelaide University has a very rich collection of 19th and 20th century literature. The works—from Mary Shelley to Robert Heinlein, from the



three-volume novel of the 1800s to the pulp fiction and paperbacks of the 20th century—are held in our Main Collection and Special Collections.

The Amazing stories display is on Level 3 South of the Barr Smith Library until the end of February. There's a quiz for sci-fi readers (with sci-fi novels as the prize) and a web page of library and internet resources is also available.

—Jennifer Osborn  
Reference Services

# Smart start for Year 12 students

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2001

## On Your Radio

**Womadelaide 2001** 2 live special broadcasts from Botanic Park - the best of Adelaide's international festival of music & dance. Sat 17 & Sun 18 Feb 5.30-9pm

**Writers' Radio** Cath Kennelly with new writers & writing. In February: Ioana Petrescu, Richard Horland, Jan Owen, Anne Brooksbank, Mike Ladd, Chris Andrews and Mirka Mora. Mondays & Sundays at noon.

**Deviant Devotions** don't miss the final episodes of this fresh new take on 'classical music'. On Feb 5 **Shades of Swing** jazz influenced classical music & classical influences on jazz! Mondays 11am

**Public Domain** Sundays 11am  
Feb 11 **UANTAR Mandatory Sentencing Seminar** speakers Justice Elliott Johnson, Tauto Sansbury & Dr Judith Gordon  
Feb 18 **Get Off Your Arts Forum** the role of arts when working with young people. speakers Peter Sellars, Emma Webb, Tina Flanagan, Dana Shen  
Feb 25 **Senator Natasha Stott Despoja**, Don Dunstan Foundation seminar 3/12/00

Just a taste of our diverse and suprising lineup - for more details drop into 228 North Terrace for a Program Guide

[www.adelaide.edu.au/5UV/](http://www.adelaide.edu.au/5UV/)

MORE South Australian high school students than ever have decided to get a smart start on Year 12 by studying at Adelaide University's Summer School.

Around 240 students have taken part in 16 courses designed to give students the edge and take some of the worry out of Year 12. The courses provide a sound knowledge of Year 12 subject material as well as invaluable advice on study skills and other "survival" techniques.

The Year 12 advantage courses were just some of the highly popular Summer School courses this year, with the Centre for Professional & Continuing Education experiencing a surge in enrolments. Language courses and professional development courses were fully booked by students of all ages, pointing to a growing demand in Adelaide for summer school education.

"The success of our Summer School this year shows that Adelaide can be a 'Summer School city'," said the Centre's Director, Ms Liz Pryzibilla.

"There is huge potential for more courses to meet the demand, including courses from University faculties which were on offer for the first time this year as part of the school."

Ms Pryzibilla said the growth in interest in Summer School education was partly due to the message getting out into the community.

"We've been building our profile, and our reputation as a course provider is excellent. We also provide personalised service to our students, and there's a fun atmosphere about learning with us, which is why many of our students, young and old, are coming back to do other courses."

"The benefits of taking a course with



High school students get the jump on Year 12 by taking one of Adelaide Uni's Summer School courses. Students pictured here are learning about genetics in preparation for their Year 12 studies. Photo: David Ellis.

Professional & Continuing Education are great. In many ways the courses we run are lifestyle enriching, whether you're studying a language, learning business skills, or simply looking for personal development. We make everyone feel special, which means the customer gets so much more than just an education.

The Summer School is just a taste of the wide

array of courses available to the public at Adelaide University. The Centre for Professional & Continuing Education has now launched its full program for courses in March-June 2001.

To receive a copy of the new program, or to enrol in one of the courses, telephone 8303 4777.

—David Ellis



## NEWSMAKERS

Anna Platten's intriguing portrait of Vice-Chancellor **Mary O'Kane** captured the attention of both *The Advertiser* and *The Australian*. *The Advertiser* (22 Jan) devoted three-quarters of a page to the painting, concentrating most of its comment on the size of the work and the possible meaning of that snake. *The Australian* (24 Jan) declined to join in the speculation, observing only that the portrait "contains enough symbolism to start a neo-renaissance trend".

Image-conscious Radio Triple J interviewed **Professor Maciej Henneberg** about the changing shape of the human body (25 Jan). Professor Henneberg also cropped up on *The Cordeaux Show* on 5DN (23 Jan) speaking on the same subject. The radio interest was sparked by earlier stories about his research in *The Age* and *The Sydney Morning Herald*.

The January heatwave had the media in a swelter looking for pundits to make sense of it all. Coastal engineering expert **Professor Ian Young** spoke to Keith Conlon on 5AA (23 Jan) about polar melts, rising sea levels and what the scientific records reveal about fluctuations in temperatures. **Associate Professor Nick Harvey** from Geographical and Environmental Studies also spoke on global warming to Radio 5AA (23 Jan).

A beer advertisement was the subject of a radio discussion between **Dr Margie Ripper** from the Department of Social Inquiry and 5AA's Keith Conlon and Tony Pilkington (21 Jan). Dr Ripper said the radio commercial for Southwark Bitter, which uses a domestic violence scenario, was unfunny and would not be permitted on television.

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## David bids farewell in first concert

**DAVID Shephard**, a highly respected clarinetist and one of the Elder Conservatorium's distinguished senior lecturers, will launch the Elder Hall Lunch Hour Concert Series on Friday 2 March at 1.10pm.

After almost 30 years of service to Adelaide University, Mr Shephard has announced his retirement.

A graduate of the Royal Academy of Music in London, Mr Shephard was principal clarinet of the Queensland Symphony Orchestra for 10 years, and taught at both the Queensland Conservatorium and Queensland University.

He accepted his position at Adelaide University in 1974, which at the time included membership of the internationally acclaimed University of Adelaide Wind Quintet.

Throughout his career he has been active as a concerto soloist, recitalist and chamber musician in several countries and has played freelance in the Philharmonia, BBC Concert Orchestra, Sydney and Adelaide Symphony Orchestras and both Elizabethan Trust Orchestras in Sydney and Melbourne.

Mr Shephard said the two proudest achievements of working at Adelaide University were: "taking part in unforgettable performances both with my colleagues at the Elder Conservatorium and with the Adelaide Symphony Orchestra, and seeing my students succeed. Being able to see the fruits of all that hard labour is especially pleasing, and many of our students have gone on to tremendous success".

To celebrate his retirement, Mr Shephard has selected a special program of music which he will



David Shephard with his clarinet. Photo: David Ellis.

perform with his colleagues: Stefan Ammer (piano), Janis Laurs (cello), Keith Crellin (viola), Semyon Kobets (violin) and Florian Ammer (violin).

The 2001 Elder Hall Lunch Hour Concert Series has once again attracted some outstanding musicians of international reputation; and, as usual, staff and students of the Elder Conservatorium form an integral part of the program. For complete details of the forthcoming year's program, see next month's issue of the *Adelaidean*.

The Lunch Hour Concert Series will

be held in Elder Hall, Adelaide University, every Friday at 1.10pm until 29 June.

Admission is \$3.00 and tickets are available at the door from 12.30pm on the day. Detailed brochures are available from the Elder Conservatorium. Phone the Concert Office on (08) 8303 5925.

The Lunch Hour Concert Series is proudly supported by the Doris West Bequest, and 5UV Radio Adelaide 531 AM.

—Alison Beare  
—David Ellis



# Bulletin Board

FEBRUARY 2001

INTERNAL NEWS & EVENTS

PAGE 1

## Relay for Life



South Australians are being urged to lace up their runners and bring their families, friends or colleagues to Santos Stadium at Mile End, to take part in one of the world's largest fundraising events, the Relay for Life.

Organised by the Anti-Cancer Foundation, the inaugural 20-hour event in Adelaide will be held from 2 pm Saturday, March 31 through to 10 am Sunday, April 1 to raise funds for cancer research.

Teams of 10 people or more from companies, service clubs, families and groups of friends are invited to walk, jog, or run relay-style around the track for 20-hours. Entry is \$10 per team member, with each team encouraged to raise a further \$1000 to participate.

For more information about the Relay for Life, call the Anti-Cancer Foundation during business hours on 1300 65 65 85 or visit the website: <[www.cancersa.org.au](http://www.cancersa.org.au)>.

## Conference assistance on campus

National and international conferences provide an excellent opportunity to promote Adelaide University.

The Adelaide Convention & Tourism Authority (ACTA), following another successful partnership with the University last year, continues its on-campus presence at Adelaide University each Monday.

Jacqui Schmidt, Business Development Manager (Universities) says: "Last year ACTA prepared bids for nursing, environmental, medical, and educational conferences on behalf of University representatives. Not only do these conferences raise the profile of the University, but they are estimated to have an economic impact of \$8.5 million to the State's economy."


Apart from preparing bid submissions, ACTA is able to put

you in contact with the appropriate hotels, caterers, tour operators and other necessary people to make sure that your conference is a success.

They also provide free access to brochure shells and assistance with promotional activities, social activities and conference budgeting.

Conference Assistance workshops developed specifically for University staff will again be run on campus this year, focusing on the many areas of managing a successful event.

If you are contemplating bidding for a conference or need assistance with a confirmed conference, please phone Jacqui at ACTA on 8303 2333, or email: [jacqui@acta.com.au](mailto:jacqui@acta.com.au).

The **Don Dunstan** Foundation 

### SA Chapter Sunday Lunch Seminar

11 February, 11.30am - 2.30pm, Governor Hindmarsh Hotel, Port Road, Hindmarsh

### Dr Jane Lomax-Smith will speak about democratic and inclusive forms of governance

Dr Lomax-Smith is a Trustee of the Don Dunstan Foundation. Involved in local government from 1991, she was Lord Mayor of Adelaide from 1997-2000 and continues her involvement in public life as an endorsed Labour candidate of the State Seat of Adelaide.

Dr Lomax-Smith remains a strong voice in opposition to discrimination, supports reconciliation and defends equal opportunity for women.

Her involvement in public life is centered on her sense of equity, justice and fair play.

## 2001 Adelaidean Schedule

The *Adelaidean* will now be published monthly. The publication dates and deadlines for Bulletin Board entries and bookings of advertising space are list below. Please note that classifieds will no longer be published.

Publication Date (Monday)	Deadline (Thursday 5.00pm)
5 February	25 January
5 March	22 February
2 April	22 March
7 May	26 April
4 June	24 May
2 July	21 June
6 August	26 July
3 September	23 August
1 October	20 September
5 November	25 October
3 December	22 November



ADELAIDE UNIVERSITY LIBRARY

## 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). Maximum of 12 per group.

Telephone 8303 3706 or Email <[jennifer.osborn@adelaide.edu.au](mailto:jennifer.osborn@adelaide.edu.au)>

## INTERESTED IN YOUR HEALTH AND WELL-BEING? READ ON ...

The Women's Professional Development Network (WPDN) has negotiated an attractive membership package with Fernwood Fitness Centre in Rundle Mall. The offer is available to all Adelaide University women staff (general and academic) and includes a significant discount on the normal membership fee.

Fernwood Female Fitness Centre offers:

- one on one service: two personal appointments to set goals, develop a programme and become familiar with state of the art equipment; complimentary Personal Training Session with accredited trainer; complimentary assessment from the physio-therapist; review of programme and progress regularly by trainers;
- fitness classes;
- highly qualified and very friendly staff;
- equipment specifically designed for women;
- pleasant environment and convenient location at Level 4, Myer Centre.

For more details visit the WPDN web site at: <[www.adelaide.edu.au/wpdn](http://www.adelaide.edu.au/wpdn)>.

### WEDNESDAY 7 FEBRUARY

**1.00pm The Friends of the State Library:** Books in My Life series. Speaker: Rick Allert AM (Chairman, Southcorp). The Auditorium, (rear of) SA Art Gallery.

### THURSDAY 8 FEBRUARY

**7.45pm Field Geology Club of SA Lecture:** Formation of opal by Mr Jack Townsend. Mawson Lecture Theatre, Mawson Laboratories.

### FRIDAY 9 FEBRUARY

**12noon Hanson Centre for Cancer Research Special Seminar:** Exploring protein structure and function with phage display by Dr Sachdev Sidhu (Genentech, San Francisco, California, USA). Lecture Room 1-23, Level 1, Eleanor Harrald Building, Royal Adelaide Hospital.

**4.00pm Obstetrics & Gynaecology**

## COMING EVENTS

7th February — 2nd March

**Seminar:** Modulation of exocytosis by sulphonylureas by Dr Michael Roberts (Physiology). Seminar Room, 6th Floor, Medical School North.

### FRIDAY 16 FEBRUARY

**4.00pm Obstetrics & Gynaecology Seminar:** The immunomodulatory action of prostaglandins by Dr Rod Kelly (University of Edinburgh, Scotland). Seminar Room, 6th Floor, Medical School North.

### WEDNESDAY 21 FEBRUARY

**5.30pm The Don Dunstan Foundation and The Hawke Centre Public Lecture:** Time out with Beatrix Campbell by Beatrix Campbell (ABC's *Late Night Live*).

Bookings: (08) 8302 0371 or (08) 8303 3364. Elder Hall.

### THURSDAY 22 FEBRUARY

**12noon Hanson Centre for Cancer Research:** Androgen receptor structure and function in breast and prostate cancer by Dr W Tilley (Flinders Cancer Centre). Robson Lecture Theatre, Royal Adelaide Hospital.

### FRIDAY 23 FEBRUARY

**4.00pm Obstetrics & Gynaecology Seminar:** Update on the biology of uterine natural killer cells and their key role in placental development by Dr Ann Croy (University of Guelph, Canada). Seminar Room, 6th Floor, Medical School North.

### WEDNESDAY 28 FEBRUARY

**10.10am Electrical & Electronic Engineering Seminar:** Tracking, Association and Classification - a Combined Approach by Prof Doug Gray (Deputy Director, CSSIP/Chair, Sensor Signal Processing). Room S112, Engineering Sth.

### THURSDAY 1 MARCH

**12noon Hanson Centre for Cancer Research Seminar:** Title to be advised, by Dr Janet Keast (University of NSW). Robson Lecture Theatre, RAH.

### FRIDAY 2 MARCH

**1.10pm Elder Conservatorium Lunch Hour Concert:** Farewell Recital featuring David Shephard (clarinet). Associate artists: Semyon Kobets (violin), Florian Ammer (violin), Keith Crellin (viola), Janis Laurs (cello), Stefan Ammer (piano). Admission \$3 at the door. Elder Hall.

# SITUATIONS VACANT

For further information about the following vacancies please refer to Human Resources' Web page at [http://www.adelaide.edu.au/HR/adv\\_pos.htm](http://www.adelaide.edu.au/HR/adv_pos.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 vacancies are not restricted to members of the University.**

## LECTURER B/SENIOR LECTURER C IN OENOLOGY (WINE AND FOOD TECHNOLOGY)

(Refs: 7612/7614) (Tenurable)  
(two positions)

Department of Horticulture,  
Viticulture and Oenology, Waite  
Campus

Salaries: Lecturer \$51,219 -  
\$60,823/Senior Lecturer \$62,742 -  
\$72,347

These positions are tenurable and  
available from 1 May 2001. Further  
details from Professor Margaret  
Sedgley, Head, Department of  
Horticulture, Viticulture and  
Oenology, tel8303 7248, fax 8303  
7116, email <head.hvo@adelaide.  
edu.au>. Applications close 31  
March 2001.

## RESEARCH OFFICER

(Ref: 10729) (Fixed-term)

Research Embryology Laboratory  
Department of Obstetrics and  
Gynaecology

Salary: (HE07) \$45,217-\$50,730

The Research Embryology  
Laboratory facility is located within  
the Reproductive Medicine  
Laboratories, Department of  
Obstetrics and Gynaecology,  
Adelaide University at The Queen  
Elizabeth Hospital.

This fixed term position is available  
from 1 March 2001 for a period of  
twelve months. Further details  
from the Head of the Gamete  
Laboratories, Dr Jeremy Thompson  
tel 8222 8408 or email <jeremy.  
thompson@adelaide.edu.au>.  
Applications close 10 February  
2001.

## POSTDOCTORAL FELLOW

(Ref: 10430) (Fixed-term)

Centre for the Molecular Genetics of  
Development

Salary: \$39,951 - \$48,657

This fixed-term position is available  
immediately until the end of 2002  
with the possibility to extend and  
develop independent projects.  
Further details from Dr Stephen  
Wood, tel 8303 4551 or email  
<stephen.wood@adelaide.edu.  
au>. Applications close 16  
February 2001.

## RESEARCH ASSISTANT (NH&MRC)

(Ref: 10754) (Fixed-term)

Department of Clinical and  
Experimental Pharmacology  
Salary: \$35,854-\$48,657

The Department seeks to employ a  
research pharmacologist to assist  
on a National Health and Medical  
Research Council (NH&MRC)  
project investigating the pharma-  
cokinetics and pharmacodynamics  
of drugs using a chronically  
cannulated sheep model.

This fixed term position is available  
from 5 February 2001 until 31  
December 2001. Further  
information including the selection  
criteria can be obtained from  
Associate Professor Andrew  
Somogyi tel 8303 5572 or email  
<andrew.somogyi@adelaide.edu.  
au>. Applications close 12  
February 2001.

## CURRENT AFFAIRS CO-ORDINATOR

(Ref: 1036) (Fixed-term)

5UV Radio Adelaide

Full-time salary: (HE04) \$32,503-  
\$35,751

A chance to join our committed and  
professional team of staff and  
volunteers as a catalyst for effective  
coverage of local issues and for  
setting an alternative national  
current affairs agenda.

This fixed-term position is available  
from 19 March 2001 for a period of  
12 months on a 16 hours per week  
basis. There are regular opportuni-  
ties for extra hours in project based  
program production and training.

Further information including the  
duty statement and selection  
criteria may be obtained from Kathy  
Whitta, tel 8303 5000 or email  
<kathryn.whitta@adelaide.edu.  
au> or visit our website at  
<[www.adelaide.edu.au/5UV/](http://www.adelaide.edu.au/5UV/)>.  
Applications close 23 February  
2001.

## RESEARCH TECHNICIAN

(Ref: 10728) (Fixed-term)

Research Embryology Laboratory

Department of Obstetrics and  
Gynaecology

Salary: (HE03) \$28,261-\$32,218

The Research Technician's  
responsibilities will be to assist  
researchers in the Research  
Embryology Laboratory, located  
within the Reproductive Medicine  
Laboratories, Department of  
Obstetrics and Gynaecology,  
Adelaide University at The Queen  
Elizabeth Hospital.

\*Junior rates apply to those  
persons 20 years of age and under.

This fixed term position is available  
from 1 March 2001 for a period of  
12 months.

Further information including the  
duty statement and selection  
criteria can be obtained from the  
Head of the Gamete Laboratories,  
Dr Jeremy Thompson tel 8222 8408  
or email <jeremy.thompson@  
adelaide.edu.au>. Applications  
close 10 February 2001.

## RECEPTIONIST/ENROLMENT OFFICER

(Ref: 2660/10457)(2 positions)  
(Fixed-term)

Professional and Continuing  
Education

Salary: (HE03) \$28,261-\$32,218

The Centre for Professional and  
Continuing Education is an Adelaide  
University professional development  
and continuing education initiative.

Both fixed-term positions are  
available from February 2001 for a  
period of twelve months. The duty  
statements and selection criteria  
may be obtained from Joanne  
Pellegrini, tel 8303 4777 or email  
<pce@adelaide.edu.au>. Further  
information is available from Liz  
Pryzibilla, Director, tel 8303 4777.  
Applications close 9 February 2001.

## ADMINISTRATIVE ASSISTANT

(Ref: 9151) (Fixed-term)

National Centre for Petroleum  
Geology and Geophysics

Salary: (HE03) \$28,261 - \$32,218

This fixed-term position is available  
from February 2001 for a period of  
12 months. Further information  
including duty statement and  
selection criteria may be obtained  
from Maureen Sutton, telephone  
8303 4299. Applications close 14  
February 2001.

## ADMINISTRATIVE ASSISTANT (3 positions)

Medical Education Unit, Medical  
School

The Medical Education Unit assists  
staff in the development and  
implementation of the curriculum,  
and provides educational  
development for staff and students.

The following positions, which are  
available immediately, are  
necessary to primarily assist with  
the delivery of the new curriculum.  
A willingness to work out-of-hours  
on some occasions will be  
necessary for each of the listed  
positions.

**Administrative Assistant (Ref:  
10746)**

(Continuing position)

Salary: (HE03) \$28,261-\$32,218

**Administrative Assistant (Ref:  
10747)**

(Fixed-Term position for 1 year on a  
18 hrs per week basis)

Full-time salary: (HE03) \$28,261-  
\$32,218

**Administrative Assistant (Ref:  
10058)**

(Continuing position)

Salary: (HE02) \$26,848-\$28,543

(Junior rates apply to those persons  
20 years of age and under.)

Further information including the  
duty statement and selection  
criteria for the above positions may  
be obtained from Dr Ray Peterson  
or Mrs Carole Gannon, tel 8303  
6221. Applications close 9  
February 2001.

## HUMAN RESOURCES DEADLINES FOR ADELAIDEAN

For the *Adelaidean* of 5 March  
2001 advertising paper work must  
be received in Human Resources  
by 16 February 2001.

# GENERAL NOTICES

## University timetable on-line

The class timetable for the 2001  
academic year is now viewable via  
the web.

This timetable has been assembled  
from information provided by the  
faculties and departments at the  
University and is updated hourly. It  
is a complete listing of all scheduled  
classes for 2001 that have been  
scheduled by the faculties and  
departments. The web entry point  
for the new system is:  
<[http://www.psb.adelaide.  
edu.au/timetable/](http://www.psb.adelaide.edu.au/timetable/)>.

Students will be directed to go  
directly to the class timetables  
page: <[http://www.psb.adelaide.  
edu.au/timetable/class\\_time.  
php3](http://www.psb.adelaide.edu.au/timetable/class_time.php3)>.

The timetable can be searched by  
course name, or course number or  
by department. The user can  
create a "basket" of courses for  
display on the web.

Because of the adjustments that  
will need to be made to some  
courses over the enrolment period,  
the timetable should be regarded as  
provisional until Orientation Week.

The web-enabled timetable is a  
new system and is still undergoing  
development. We are aware that  
the timetable does not display any  
streaming information for the  
students and does not indicate the  
course structure for any of the  
courses. These features will be  
part of a future implementation.

Although every effort has been  
made to ensure that the information  
provided is current and accurate,  
there is still the possibility of some  
errors and/or omissions occurring.  
If there are any problems or  
concerns with the information  
provided by the timetable, please  
contact the Space Management  
Office, either by email  
<[tsm.project@adelaide.edu.au](mailto:tsm.project@adelaide.edu.au)>  
or by phone, 8303 3254.

## Teaching at University Courses for 2001

The ACUE will be conducting  
courses on "Teaching at University"  
on the following dates in 2001:

Semester 1  
Tuesdays 9.15am - 12noon  
20, 27 March; 3,24 April; 8, 15 May

Semester 2  
Wednesdays 2.15pm - 5.00pm  
1, 8, 15, 22, 29 August; 5, 12  
September

The courses are open to all  
academic staff of the University.

Further information is available from  
Sahra McFetridge, tel 8303 5771 or  
email: <[sahra.mcfetridge@  
adelaide.edu.au](mailto:sahra.mcfetridge@adelaide.edu.au)>.

## Advertising positions vacant

When you're considering how  
best to advertise a vacant  
position, don't forget that you  
can now use UniJobs.

UniJobs is an on-line advertising  
website that is being used by a  
number of Australian universities  
to advertise university job  
vacancies. The site has been  
developed by SEEK  
Communications, who already  
run the successful SEEK internet  
recruitment advertising site, with  
which some of you may be  
familiar.

You might wish to utilise UniJobs  
as part of your advertising  
strategy to complement/replace  
external advertising in the print  
media.

When considering what vacan-  
cies you might place on UniJobs,  
bear in mind that people visiting  
the site will be those wishing to  
work in a university environment  
or who have university-specific  
skills. Therefore, positions that  
would be most suitable for  
advertisement on UniJobs are  
academic appointments and key  
university administrative  
positions.

To visit the site, point your web  
browser to: <[http://www.seek.  
com.au/hes](http://www.seek.com.au/hes)>.

At present UniJobs is available  
to you at half price. Until the  
end of the year, it will only cost  
\$45 to run an advertisement on  
the site for 28 days. All  
advertisements on UniJobs must  
be placed through Human  
Resources.

Please direct any enquiries to  
Human Resources, on 35666.

## Casual Employment

### Are you seeking casual staff?

If you would like to view the  
available casual staff registered  
with the University please  
contact Human Resources  
reception on ext 35666 or email:  
<[human.resources@adelaide.  
edu.au](mailto:human.resources@adelaide.edu.au)>.

Each registration includes a  
detailed form outlining the type  
of work the person is seeking,  
hours available, qualifications,  
etc and a resume.

Many of the people registered  
have experience working at the  
University.

### Would you like to join the pool of casual staff at Adelaide University?

Visit the Human Resources web  
site: <[http://www.adelaide.edu.  
au/HR/recep/casual.htm](http://www.adelaide.edu.au/HR/recep/casual.htm)> to  
register your interest.

## Missed the deadline?

For all the latests news see the online bulletin boards at  
<<http://online.adelaide.edu.au>> available to staff and students of  
the University.

## Research Branch: Special Notices

### ARC INFORMATION SESSION: LINKAGE - PROJECTS

There will be an Information Session on the ARC Linkage - Projects scheme (formerly SPIRT) in the Council Room, level 7, Wills Building commencing at 10.30 am on Monday 12 February 2001. Tea, coffee and biscuits will be available in the Council Room foyer from 10 am. The internal closing date for Linkage - Projects applications is Thursday 22 March or, for Linkage - Projects applications for an APAI alone, Thursd.April.

### ARC AND NHMRC APPLICATION CLOSING DATES

Tables of closing dates for all ARC and NHMRC schemes for funding in 2002 can be found under the ARC and NHMRC entries respectively on the Research Branch website: <[www.adelaide.edu.au/RB/electronic.html](http://www.adelaide.edu.au/RB/electronic.html)>.

### AUSTRALIAN-GERMAN JOINT RESEARCH CO-OPERATION SCHEME - ROUND 2

After the success of the first round, applications are now being sought for Round 2 of the Australian-German Joint Research Co-operation Scheme. This is a two year pilot scheme which is jointly funded and managed by Adelaide University,

Australian National University, the Commonwealth Government Department of Industry, Science and Resources, and the German Academic Exchange Service (DAAD). The scheme aims to foster international scholarly and scientific cooperation through funding of researchers who participate in co-operative research projects between Australia and the Federal Republic of Germany.

Guidelines and Application forms can be found on the Research Branch Web site at: <http://www.adelaide.edu.au/RB/electronic.html>. The closing date for applications is 31 March 2001.

### BREAKFAST AND VIDEOCONFERENCE - South Australia's Innovation Opportunities

This function, co-ordinated by Dr Graham Gurr, Director of Science & Technology Commercialisation Programs at Adelaide University, is designed to stimulate discussion and networking amongst South Australian leaders in this area and students of the Master of Science & Technology Commercialisation. The breakfast will be followed by a videoconference with members of the University of Texas at Austin including Dr David Gibson, Director of Research at the University's IC2 Institute. It will be held in the Royal Adelaide Hospital Videoconference Centre at 9.30 am on Saturday 17 February 2001.

## ALUMNI AFTER HOURS PARKING PERMIT REQUEST

Name: .....  
 Address: .....  
 .....

### Please complete vehicle details and method of payment

Nominated Vehicle 1	Nominated Vehicle 2
Registration Number .....	Registration Number .....
Make .....	Make .....
Model .....	Model .....
Colour .....	Colour .....

### PAYMENT (Please tick)

Please debit my credit card for \$ 60.00

Card Holder's Name .....

Bankcard  Visa Card  Mastercard

----- Expiry Date: -----

Signature: ..... Date: .....

OR

Please find attached my cheque/money order/cash for \$ 60.00  
 (Cheques/money orders should be made payable to Adelaide University)

\*Please note all membership services described above are subject to the separate constitutions, rules, by-laws and regulations of each body or organisation involved.

\*\*All rates include GST.



# RESEARCH GRANTS AND SCHOLARSHIPS AND OTHER FUNDING SCHEMES

### Research Grants & Fellowships

The following is a sample of grant, fellowship and other research funding schemes currently 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 funding schemes listed below, contact the Research Branch, ext 35137; or email <[kelly.parish@adelaide.edu.au](mailto: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.

**AusIndustry - Australia-Korea Pilot Industrial Technology Cooperation Fund:** Internal closing date: 7 February 2001. Web site: <<http://www.ausindustry.gov.au>>.

**AusIndustry - Special Fund for Scientific and Technological Cooperation Between Australia and China:** Internal closing date: 7 February 2001. Web site: <<http://www.ausindustry.gov.au>>.

**Department of Education, Training and Youth Affairs - Evaluations and Investigations Program:** Internal closing date: 8 February 2001. Web site: <<http://www.detya.gov.au>>.

**Finnish Centre for International Mobility - Bilateral Scholarships (all disciplines):** Internal closing date: 15 February 2001. Web site: <<http://www.cimo.fi>>.

**Natural Heritage Trust - Project Funding:** Internal closing date: 15 February 2001. Web site: <<http://www.nht.gov.au>>.

**Australian Army - Army History Research Grants Scheme:** Internal closing date: 16 February 2001. Web site: <<http://www.defence.gov.au/army/AHU>>.

**Emergency Management Australia - Disaster Prevention and Management Projects:** Internal closing date: 21 February 2001. Web site: <<http://www.ema.gov.au>>.

**Australian Academy of Science - Rudi Lemberg Travelling Fellowship:** Internal

closing date: 21 February 2001. Web site: <<http://www.science.org.au/awards/lemborg.htm>>.

**Australian Transport Safety Bureau - Road Safety Research Grants:** Internal closing date: 21 February 2001. Web site: <<http://www.atsb.gov.au/roadsafety/research>>.

**South Australian Network for Research on Aging - SANRA Research Awards 2001:** Internal closing date: 21 February 2001.

**Department of Defence and Emergency Management Australia - Australian International Decade for Disaster Reduction Grants Program:** Internal closing date: 21 February 2001. Web site: <[http://home.ema.gov.au/docs/3managementcomminfo/idndr\\_3.html](http://home.ema.gov.au/docs/3managementcomminfo/idndr_3.html)>.

**Australian Museum - Collection Fellowships:** Internal closing date: 21 February 2001. Web site: <<http://www.austmus.gov.au/science/projects/awards.htm>>.

**Churchill Trust - Churchill Fellowships for Overseas Study 2002:** Internal closing date: 21 February 2001. Web site: <<http://www.churchilltrust.org.au>>.

**Novartis Foundation - Bursary Scheme 2001:** Internal closing date: 22 February 2001. Web site: <<http://www.novartisfound.org.uk>>.

**Grains Research and Development Corporation - Value Chain Research:** Internal closing date: 26 February 2001. Web site: <<http://www.grdc.com.au>>.

**Research Institute of Innovative Technology for the Earth (RITE) / New Energy and Industrial Technology Organisation (NEDO) - Grants for International Joint Research:** Internal closing date: 28 February 2001. Web site: <<http://www.nedo.go.jp/itd/grant-e/index.html>>.

**Glaucoma Foundation - Research Grants:** Internal closing date: 1 March 2001. Web site: <<http://www.glaucoma-foundation.org/info/doctors.htm>>.

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

**Australian Academy of Science / University of Oxford - Oxford Nuffield Medical**

**Fellowship:** Internal closing date: 23 March 2001. Web site: <<http://www.science.org.au/awards/nuffield.htm>>.

**Australian Dental Research Foundation - Research Grants:** Internal closing date: 24 March 2001. Web site: <<http://www.ada.org.au/adrf.htm>>.

**Heart Foundation - Grant-in-aid:** Internal closing date: 23 March 2001. Web site: <<http://www.heartfoundation.com.au>>.

**AusAID - Capacity-building for Agriculture and Rural Development in Vietnam (CARD):** Internal closing date: 23 March 2001. Web site: <[http://www.ausaid.gov.au/business/other\\_opps/index.html](http://www.ausaid.gov.au/business/other_opps/index.html)>.

**Prince Charles Hospital Foundation - Research Grant 2001:** Internal closing date: 23 March 2001.

**Family and Community Services - Conference Funding:** Internal closing date: 23 March 2001. Web site: <<http://www.facs.gov.au/disability/ood/ntconfnd.htm>>.

**CERN - European Organisation for Nuclear Research - Scientific Associateships:** Internal closing date: 23 March 2001. Web site: <<http://www.cern.ch/CERN/Divisions/PE/HRS/Recruitment/associates.html>>.

**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.

**Sylvia and Charles Viertel Charitable Foundation - Medical Grants for 2002:** Internal closing date: 23 April 2001.

**Australian Antarctic Division - E of I: Resource Determining Proposals for Antarctic Season 2003/2004 Onward:** Closing date: 30 April 2001 (online

registration). Web site: <<http://cs-db.antdiv.gov.au/proms/asac/eoi.asp>>.

**MS Australia - Projects Grants, Fellowships and Seeding Grants:** Internal closing date: 18 May 2001 and 24 August 2001 for Seeding grants. Web site: <<http://www.msaustralia.org.au>>.

**Heart Foundation - Fellowships:** Internal closing date: 25 May 2001. Web site: <<http://www.heartfoundation.com.au>>.

**Ian Potter Foundation - Travel and Cultural Trust - Institutional Grants:** Internal closing date: 24 May 2001, 25 July 2001, 25 October 2001. Web site: <<http://www.ianpotter.org.au>>.

**ENA Foundation - Research Grants:** Internal closing date: 25 May 2001 & 24 September 2001. Web site: <<http://www.ena.org.au/foundation/grants/main.htm>>.

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

**BHP Community Trust - Grants:** Internal closing date: 25 July 2001 and 25 October 2001. Web site: <<http://www.bhp.com.au>>.

**Cambridge University - Smuts Visiting Fellowship in Commonwealth Studies 2002 - 2003:** Internal closing date: 14 August 2001.

**Department of Industry, Science and Resources - Industrial Research Alliances Program (IRAP):** Internal closing date: Apply any time. Web site: <[http://www.isr.gov.au/industry/tdp/technology\\_alliances/irap.htm](http://www.isr.gov.au/industry/tdp/technology_alliances/irap.htm)>.

**Heart Foundation - Travel Grants:** Internal closing date: Apply any time. Web site: <<http://www.heartfoundation.com.au>>.

**University of Sydney, School of Geosciences - Ocean Drilling Program:** Internal closing date: 3 month before beginning of expedition.

**Meat and Livestock Australia - Research and Development Partnership Program:** Internal closing date: Apply any time.

**American Museum of Natural History - Collection Study Grants:** Internal closing date: Apply any time. Web site: <<http://research.amnh.org/grants/grantsprog.html>>.

*Continued next page*

# RESEARCH, FELLOWSHIPS & AWARDS

## RESEARCH GRANT SUCCESS

**Congratulations to the following people who have been awarded Grants, Fellowships and Awards in November and December.**

**Note: Listings of approved projects for ARC and NHMRC Schemes, and Adelaide University Small Grants are available from the Research Branch web site at: <<http://www.adelaide.edu.au/RB/new.html>>.**

- A Grant of \$6,000 from the Australian Dental Research Fund Inc. was awarded to Dr D S Brennan & Professor A J Spencer (Dentistry) for Measuring the burden of oral disease in general dental practice.
- An Equipment Grant of \$5,000 from the Collier Charitable Fund was awarded to Dr R J Irvine, Professor J M White, Professor F Bochner & Dr A Salem (Clinical & Experimental Pharm) for High performance liquid chromatograph for microbore analysis.
- A National Parks & Wildlife SA - Wildlife Conservation Fund Grant of \$1,250 from the Department for Environment and Heritage was awarded to Associate Professor A D Austin, Dr G S Taylor & Dr K A Davies (Appl & Molec Ecology- Waite) for The diversity and endemism of gall forming insects and nematodes on eucalypts in the Mt Lofty Ranges.

The following are Travel/Conference Grants awarded by the Grains Research and Development Corporation:

- \$4,000 awarded to Dr C M Ford (Plant Science - Waite) to attend the 28th International Congress European Brewery Convention, Budapest and associated visits to laboratories, maltsters and breweries in Europe and the UK.
- \$4,200 awarded to Dr K L Galford (Physiology) to attend the 9th International Symposium on Pre-Harvest Sprouting in Cereals, Kruger National Park, South Africa and visit to the University of Natal, South Africa.
- \$4,800 awarded to Dr C Preston & Dr D F Lorraine-Colwill (Appl & Molec Ecology- Waite) for Dr D Lorraine-Colwill to attend the Weed Science Society of America 2001 meeting.
- A Grant-in Aid of \$72,600 (Yr 1 \$36,300, Yr 2 \$36,300) from the Heart Foundation was

awarded to Dr M L Whitelaw (Biochemistry) for Isolation and characterisation of novel cofactors that regulate hypoxia inducible transcription factors.

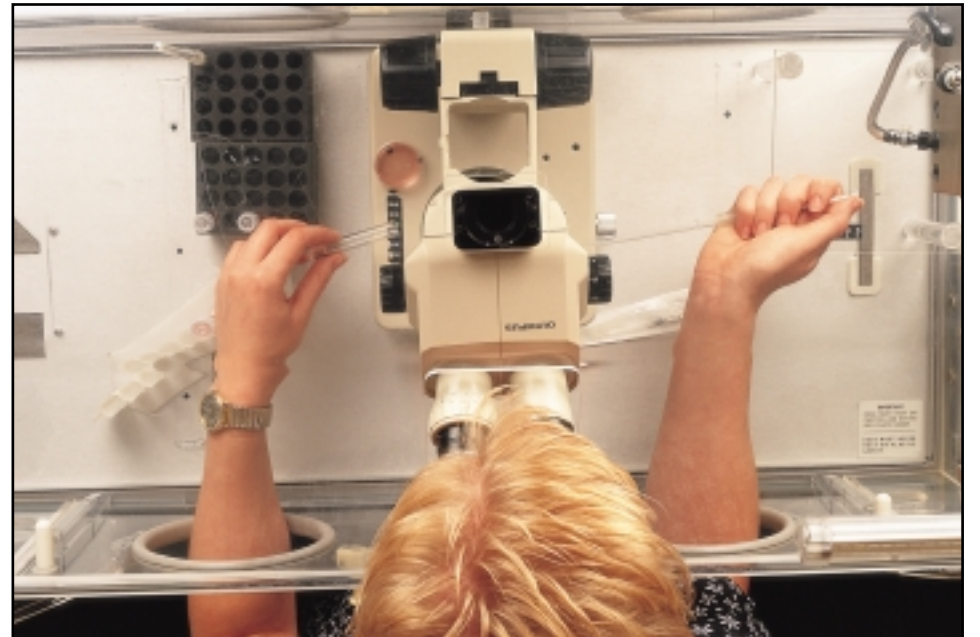
- A Research Grant of \$19,844 from the JH & JD Gunn Medical Research Council was awarded to Dr G D Schrader (Psychiatry-QEH) for Management of chronic psychiatric illness in the community. A study of factors that influence the success of community care.
- A Project Grant of \$66,000 (Yr 1 \$33,000, Yr 2 \$33,000) from the National Multiple Sclerosis Society of Australia was awarded to Dr S R McColl (Microbiology & Immunology) & Dr D O Willenborg (The Canberra Hospital) for Studies on the role of novel chemokines and their receptors in the pathogenesis of eae.
- A Research Grant of \$8,208 from the Sir Mark Mitchell Research Foundation was awarded to Emeritus Professor J R Prescott (Physics & Mathematical Physics) for Luminescence ages for the West Naracoorte Range, SE South Australia.
- A United States Office of Naval Research - Research Grant of \$80,000 (Yr 1 \$40,000, Yr 2 \$40,000) from the United States Office of Naval Research was awarded to Professor I R Young (School of Engineering), Professor M L Banner (Univ. of NSW) for Modeling of finite depth wind wave dissipation.
- A Grant of \$3,000 from the Wildlife Conservation Fund was awarded to Dr D C Paton (Environmental Biology) for Recovery of seed production in stringy bark eucalyptus.

**The following are Research Grants awarded by the Anti-Cancer Foundation:**

- \$55,866 awarded to Dr G W Booker (Biochemistry) for Understanding the structure and function of the tumour suppressor actinin-4.
- \$61,278 awarded to Associate Professor E G Cleary & Dr V L Franzon (Pathology) for Role of PAPS synthetase in growth of cancer cells in metastatic sites.

**The following are Grants awarded by the Ramaciotti (Clive and Vera) Foundations:**

- \$10,000 awarded to Dr B E Forbes & Associate Professor J C Wallace (Biochemistry) for a Thermal Cycler (PTC-200 DNA Engine; MJ Research).



- \$20,000 awarded to Dr N Hussey (Obstetrics & Gynae - QEH) for Contribution to cost of Corbett Gel Scan 2000 fluorescent DNA fragment analyser.
  - \$12,000 awarded to Dr R Morona (Microbiology & Immunology) for Digital video image capture and analysis equipment to study *Shigella flexneri* actin-based motility.
  - \$10,000 awarded to Dr C T Roberts & Dr S A Robertson (Obstetrics & Gynae - Med Sch N) for Identification and quantification of the effects of cytokines and growth factors on decidual leukocyte populations and placental structural development.
- The following are Collaborative Grants awarded by Adelaide University and the CSIRO:**
- \$19,863 awarded to Dr N R Burns (Psychology) & Dr J Bryan (CSIRO) for Effects of dietary supplementation with Ginkgo biloba on cognitive performance and speed of information processing in young men.
  - \$20,000 awarded to Dr B E Forbes (Biochemistry), Dr L Cosgrove (CSIRO), Associate Professor J C Wallace (Biochemistry) & Dr G H McIntosh (Medicine - RAH) for Investigation of insulin-like growth

factor binding protein-2 integrin binding in promotion of colorectal cancer metastasis.

- \$20,000 awarded to Professor R J Norman (Obstetrics & Gynae - QEH), Dr C Galletly (NWAHS), Dr M Noakes (CSIRO), Associate Professor P M Clifton (Medicine - RAH) & Ms L Tomlinson (NWAHS) for Dietary composition in restoring reproductive and metabolic physiology in obese women with PCOS.
- \$18,965 awarded to Dr I Record (Anatomical Sciences), Professor A Worsley (Public Health-RAH) for In vitro bioavailability of iron from maize.
- \$20,000 awarded to Associate Professor A D Ward & Dr S M Pyke (Chemistry) for Synthesis of tea epicatechins and development of a new and more sensitive assay for epicatechins in food and biological samples.
- \$20,000 awarded to Dr M L Whitelaw (Biochemistry), Dr L Cosgrove (CSIRO), Dr G W Booker (Biochemistry), Associate Professor P M Clifton (Medicine - RAH) for Hypoxia inducible factor 1a (HIF1a) - a potential biomarker for non-insulin-dependant diabetes mellitus.

# RESEARCH GRANTS AND SCHOLARSHIPS

## AND OTHER FUNDING SCHEMES

*From page 3*

**Hayashibara Biochemical Laboratories Inc - Hayashibara International Cancer Research Fellowship Program:** Internal closing date: Apply any time.

**Natural Sciences and Engineering Research Council of Canada (NSERC) - Visiting Fellowships in Canadian Government Laboratories - Eng / Comp / Math Sci:** Internal closing date: Apply any time. Web site: <<http://www.nserc.ca>>.

**Kresge Foundation - Science Initiative (equipment grants):** Internal closing date: Apply any time. Web site: <<http://www.kresge.org/programs/>>.

**British Academy - Special Schemes:** Internal closing date: Various. Web site: <<http://britac3.britac.ac.uk>>.

**Royal Society - International Scientific Opportunities: Fellowships:** Internal closing date: Apply any time. Web site: <<http://www.royalsoc.ac.uk>>.

**Hastings Centre - International Visiting Scholars Program (medical ethics):** Internal closing date: Apply 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](http://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 Australia (WSAA) - 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 NSW - Awareness/Prevention & Rehabilitation Projects:** Applications 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 any time. Web site: <<http://www.nrc.ca/>>.

**National Health & Medical Research Council (NHMRC) - Eccles Awards and**

**Burnet Fellowships:** The NHMRC invites expressions of interest in the Eccles and Burnet Awards; no firm closing dates. Web site: <<http://www.health.gov.au/nhmrc/>>.

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

### Scholarships

**Unless otherwise indicated, further 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.**

**AFUW - SA Inc Trust Fund:** Details of bursaries offered by the AFUW to postgraduates (research and Coursework), are now available. Values range from \$2,000-\$6,000. The Padnendadlu Bursary invites applications from indigenous Australian women who are enrolled in a PhD or Masters (research or coursework) at an SA university, have a good undergraduate record; and are not in full-time paid employment or on full-paid study leave during the tenure of the Bursary. Closing: 1 March 2001 (AFUW).

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

**Cambridge Australia Trust Scholarships**

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

**Cambridge University - Peterhouse - Friends of Peterhouse Bursary:** Open to those who intend to attend Cambridge either as an undergraduate affiliated student or to pursue a one or two year taught course as a graduate student. Applications from Senior Tutor, Peterhouse, Cambridge CB2 1RD. Information sheet on request. Closing: 1 April 2001.

**Cambridge University - Peterhouse - Research Studentships:** Open to PhD candidates. First consideration will be given to candidates who nominate Peterhouse as their College of preference in their Cambridge Intercollegiate Graduate Application Scheme form (CIGAS). Applications from Senior Tutor, Peterhouse, Cambridge CB2 1RD. Information sheet available. Closing: 1 April 2001.

**RSPCA - Alan White Scholarship 2001:** Open to full-time students seeking funding for original research aimed at improving the welfare of animals in Australia. Not restricted to any particular discipline. Value: \$2,500. Closing: 30 March 2001 (ACT).