

Kids set the agenda for catchment care

The future of Australia's waterways is in safe hands if the buzz of activity on the University's Goodman Crescent lawns recently is any guide.

The occasion was "Ripples on the Water", the inaugural National Kids' Congress for Catchment Care, which brought together 400 students from Government, Independent and Catholic primary schools for an extensive, five day program of workshops, field trips, performances and presentations focusing on catchment issues.

Officially opened by the Governor, Sir Eric Neal on 20 October in Bonython Hall, the congress ran from 20-24 October in conjunction with National Water Week.

Stormwater pollution, impacts on sea grasses, factors affecting water quality and the plight of Australia's waterways were among the many topics pursued by the students, who came from primary schools around South Australia and interstate—including a contingent of much-travelled students from the small Natte Yallock Primary School in Western Victoria, and a group from Tasmania.

The seed for the Kids' Congress was sown three years ago when students from Ardtornish Primary School in St Agnes went on a Landcare conference at Naracoorte. Following the conference, they decided that looking after the environment was too important to be left solely in the hands of adults.

They started their own waterwatch

program, linking 18 schools in the Dry Creek catchment area with the Salisbury, Tea Tree Gully and Enfield Councils to draw up action plans for improving the creek's water quality.

That program grew to involve a total of 60 schools from the Torrens and Patawalonga catchments pledging to become "water managers" for the part of the catchment near their schools.

Throughout, the emphasis was on community education and involvement through a hands-on approach—an approach that has already reaped benefits for local catchments.

The National Congress—organised in partnership with the Torrens and Patawalonga Catchment Water Management Boards, the MFP Development Corporation and the University of Adelaide—was the next logical step.

Conference Co-ordinator Jan Fitzgerald from Ardtornish Primary School said it was exciting and rewarding to see so many students from different areas coming together, each with a concern for and a commitment to do something about the environment.

"It's been an opportunity for them to experience a wide range of issues, and both the depth of their knowledge and their skills have expanded tremendously," she said.

Welcoming the congress delegates in Bonython Hall on 20 October, the



Congress coordinator Jan Fitzgerald (left) and Rachel Cain (right) assist as two young students from Holden Hill North Primary School accept the handing over of the Kids' Congress Charter to the younger generation of primary school students. Photo: John Edge

Deputy Vice-Chancellor, Professor Doug McEachern, said the University was thrilled to be an active partner in the Kids' Congress.

"This is a project that takes kids seriously, that listens to the concerns of kids and enables them to take a leading role in caring for our environ-

ment," Professor McEachern said.

"The Kids' Congress is a lesson to us all; it shows that we can find solutions to problems if we are prepared to work together across boundaries, including generational boundaries."

Continued on Page 4

Academic promotion round details finalised

Procedures have been finalised for a promotions round to Level D without quota, the Deputy Vice-Chancellor, Professor Doug McEachern, has announced.

Professor McEachern said the University and the NTEU had been able to resolve some questions about the new promotions round which had led the Union to initiate a Clause 16 dispute of the Academic Staff Enterprise Agreement 1996.

"The resolution of the dispute means we can move forward immediately," he said.

A new University Promotions Committee has been formed and new policy and procedure documents have been produced. Included with the policy and procedures document is another which details the internal procedures for the University Promotions Committee and the role of Discipline sub-panels. These documents can be found on the Web at <<http://www.adelaide.edu.au/HR/policies/promtn/promd.htm>>.

A promotions round will be called firstly for Level D, to be followed by Levels B and C. A promotions round to Level E will be called once the procedures are finalised—this is expected before the end of the year. Applications for promotions to Level D close on 28 November.

"I would like to thank Union representatives for their efforts to resolve this issue," Professor McEachern said. "I would also like to thank all staff for their patience and wish all the best to academic staff seeking promotion in the following rounds."



A prizewinning example of Adelaide Computer-Aided Design. See page 3.

INSIDE

Page 2: The Vice-Chancellor tells us what the Serpent really said while James Dunn ponders the building of a university's reputation. On Page 5, green tea could prove to be a natural weapon against cholesterol.



What the Serpent Told Me

Some members of the University community certainly know how to get around the Vice-Chancellor.

That perennial star of Open Day, our wonderful Rainbow Serpent delighted me when I arrived at Roseworthy by happily slithering off the shoulders of Lynnette Strachan, her devoted minder, and twining herself around my neck.

We had a quick talk but the Rainbow Serpent then wanted to glide on. We had lots of visitors, we needed to attend to them, and she knew she had to do most of the welcoming herself, as her friend Penny the Possum is definitely rather shy.

Indeed we did have lots of visitors—around 8000?—and we had lots for them to do, with displays from all areas of the University, including a particularly informative set on careers and course options from all the faculties.

There were lots of 'touch and feel' displays including Antarctic rocks brought back by Sir Douglas Mawson. There were spell-binding talks on everything from frogs to chemical engineering and biotechnology.

There were hay-rides and train-rides and lots of things one could taste (olives, olive oils, different styles of beef and magnificent fish from Wilto Yerlo) and of course there were things to smell too, including examples of wine that had gone off and fine wine smells as well.

It was hugely informative, enormous fun and a great tribute to the Schools Liaison Committee under the able chairing of Chris Dawson.

I believe it was also a great endorsement of the idea of holding Open Days not only on North Terrace but also on our other three campuses, emphasising our role as a University in the heart of the city, but reinforcing our commitment to the needs of the rural community too.

Not the least of the good things about the occasion was a chance, on a bright and sunny day, for the University community to mingle and mix with each other. As we are spread over four campuses, we don't often get a chance to meet on an informal basis. So this was a particularly pleasant outing for all and I for one, had a wonderful day.

When I went back at the end of the day to say good bye to the Rainbow Serpent, she told me—being a good snake, she keeps her ear (!) to the ground—that she'd heard there was some big news concerning a local boy.

I went away mystified by the cryptic pronouncements of our University snake, but it all became clear the next morning reading the *Advertiser*.

We discovered that Malcolm Buckby, the local member at Roseworthy and a former member of the University Council, had been appointed our new State Minister, in the enlarged portfolio of Education, Children's Services and Training.

MARY O'KANE



Depressing excitement

The Vice-Chancellor (Voice, 22 September) thinks that electronic teaching materials provide "a most exciting opportunity" for academics to concentrate on getting students to understand things instead of just dumping information on them. Her excitement depresses me, but it explains a lot. Like why management treats academics the way it does and why the prospects of our becoming a world-class university before the heat-death of the universe do not look good.

SE Hughes
Philosophy Department

GUEST COMMENTARY

Building the Reputation of a University

by
James Dunn
Visiting Professor of
Agricultural Business

The reputation of a university with the public is essential to its success. In the United States, competition between universities is fierce because the stakes are so high. Many states have more universities than Australia, some private and some public. These universities must compete for students, for funding, and for the attention of the media. As a result, active efforts to develop the reputation of a university have a long tradition. Funding has a broad base. State, federal, and sometimes even municipal governments provide support. Students pay tuition. Gifts from individuals, businesses, and foundations can be as important as tuition. Research may be financed by public or private sources. All of these many revenue sources base their decisions partly on the reputation of the university.

A university's reputation is many-faceted and it is held by many who may be poorly informed or uninformed about the accomplishments of the institution. Despite their lack of complete or accurate information, the opinions of these individuals can be important to the success of the university in reaching its goals.

Like most universities, the University of Adelaide is trying to improve its reputation. On 30 July, the Vice-Chancellor, Professor Mary O'Kane, led a discussion on "playing to our strengths" at a University Forum. Implicit in this discussion was the goal of improving the University's reputation broadly. Much of the discussion has centred on research productivity. Research is clearly essential to a position among the leading universities. The general public, however, does not read refereed journals. Neither do prospective students. Yet they hold important keys to a university's future success. Students apply to universities that they hold in high regard. Many things shaping perceptions of a university are beyond its control. Others take long periods to have results. Good public relations is the exception.

The opinions of an average citizen about a university are formed by their contact with its graduates and what they see of the institution in the media. Both can be actively affected by the public relations efforts of the University. As an outsider, I do not know the extent of the University's public relations efforts, but I have some ideas that have succeeded for other universities that may merit consideration.

My home university, Pennsylvania State University, is a leader in the United States in its public relations. Although Penn State's public relations effort takes many forms, I will discuss three parts of particular success: alumni relations, student recruitment, and media relations. Most US universities try to do these same things with varying success.

The cultivation of all alumni is a university priority. Penn State University has the largest alumni association in the United States. Mostly this is the result of the size of the institution, but it is also due to active effort by the University. Students get a complimentary one year membership in the alumni association upon graduation. All alumni receive regular publications from Penn State that provide news about accomplishments of alumni, current students, and faculty, notices of upcoming events, and invitations to alumni activities. The publications also include order forms for Penn State sweatshirts and other memorabilia. The alumni association reminds alumni that the University is always looking for good students and asks

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alumni to encourage potential students to consider Penn State. The alumni also is a rich source for fund raising. Recognising this, Penn State has a Division of Development and Alumni Relations. The Division of Development in the 1995-96 fiscal

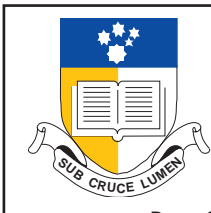
year raised US\$83 million, of which US\$26 million came from alumni, with additional contributions coming from corporations and other institutions associated with alumni. I encourage those interested to visit the web site at <<http://www.alumni.psu.edu/buymac.html>>, where Penn State's development and alumni relations are described.

Student recruitment is a broad-based effort that tries to reach a student early. Penn State hopes to have every university-bound student in Pennsylvania on the campus at least once before applications are filed. A wide variety of summer programs are held, including camps for sports, science, music, journalism, and agriculture. Youth groups are encouraged to hold annual meetings on campus. State-wide competitions like mathematics and science contests are actively sought. Championships in secondary schools sports are held on campus. In the process, each of these prospective students sees the campus and is expected to have a good experience, and leave thinking that Penn State would be a good place to go. Certainly, the University of Adelaide does many of these things, especially hosting events such as science and mathematics competitions. On 29 August, I participated with others in a student recruiting day at Mt Gambier. It was apparent that the competition for students is serious and that state boundaries do not keep Victorian universities out of the running.

The public relations effort is also broad-based. In total, it is an attempt to keep the University in the public eye. Press releases about research findings, student accomplishments and human interest stories from the university community are sent to newspapers, radio and television stations. A media relations officer directs queries from reporters about items in the news to knowledgeable faculty. Short radio tapes discussing items of current interest are produced and distributed to stations. When one of the many Penn State athletic teams appears on television a short tape is provided to the producers describing the University and its strengths.

All of these efforts must build off the successes of the University. If alumni do not remember their years on campus positively, then reminding them of those years and asking them for money and other help will fail. If visitors to the campus are not treated warmly and do not enjoy the experience, bringing them will hurt admissions. If the University does not have newsworthy accomplishments, reminding the public will not improve its image.

The University of Adelaide has many strengths. One way to build on these strengths is to reap the maximum benefit from them. Effective alumni relations, student recruiting and public relations are areas where the main work has already been done. The subjects have been taught, the facilities have been built, the faculty has been hired, and the research has been published. The final step is to tell the wider world about these successes. Have the alumni feel that they are still important to the institution after they graduate. Make the University of Adelaide the first choice among all South Australian students considering tertiary education. The reputation of a university among the general public should not be left to chance.



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Early enrolment for S-I-T intake

The first large group of students in the University of Adelaide/Sepang Institute of Technology twinning program to come down to Adelaide from Malaysia were enrolled early in a special session at S-I-T on Monday 20 October.

In all, 219 students were enrolled—91 in Engineering, 85 in Commerce, 21 in Mathematical Sciences, one in Science and 21 in Economics. The group will arrive in Adelaide in mid-February next year to begin the final stages of their Adelaide degrees.

A contingent of Adelaide staff was in Malaysia to provide course advice to the students. They were Dr Richard Kelso from Mechanical Engineering, Dr Tony Parker from Electrical & Electronic Engineering, Dr Peter Gill (Applied Mathematics), Mrs Margaret Meyler (Economics), Mr Martin Markovic and Ms Lynette Swift (Commerce) and the University's Academic Director for the program, Dr Tom Kurucsev.

The group was completed by Mr Jay Jayatilaka and Ms Lisa Brown from the International Programs Office.

They had both participated in the Austrade Exhibition in Kuala Lumpur from 16-19 October, while Lisa Brown was also involved in an IDP roadshow through Johor Bahru, Ipoh and Penang from 11-14 October.

The students were all presented with a specially-made University pin in a velvet box to mark the occasion.

Meanwhile, commerce students in the twinning program have proven themselves to be financial whizkids.

In a Financial Quiz organised by the Australian Society of Certified Practising Accountants (ASCPA) in Kuala Lumpur recently, a team of four students from the twinning program scored a resounding victory in the finals over teams from the University of Western Australia, Flinders University and RMIT.

"S-I-T took an early lead but by halfway the Flinders team overtook us and were headed for victory," said Raymond Munasinghe, course coordinator in the School of Management Science.

"Just then our team, coached by Mr Wong and Mr Chandran, raised their level and went on to gain an unassailable lead."



L to R: Dr Mah Yoon Loong, Dr Peter Gill and Mr Alfred Pang have a front row seat at the S-I-T pre-enrolment on 20 October. Photo: Lynette Swift.

Ms Lee Phaik Kim, Head of the School of Management Science, accepted the Challenge Trophy from Mr Lam Kee Soon, the Secretary of the Malaysian Chapter of ASCPA.

The winners also received certificates from the ASCPA, engraved shields and an all expenses paid trip to the beach resort of Cherating on Malaysia's east coast.

—John Edge

Local wins student user design award

University of Adelaide Architecture student David Cooke has won the AUTO-CAD Student User of the Year 1997 award.

The award—five computer software graphics programs and a plaque—is presented by CADUSER Magazine in association with AUTOCAD for expert use of AUTOCAD and 3DSTUDIO-CAD Rendering and Animation computer programs.

David Cooke won the award after only five weeks modelling and image rendering experience for his work in the subject Computer Aided Design IIIB, which he is undertaking as part of his Bachelor of Design Studies degree.

His teacher, Visiting Lecturer Mr Ron Lane-Smith, said David Cooke now uses CAD for visual graphic production of all his designs and project work and was recognised academically for his dedication and development in CAD and the areas in which it is applicable.

Adelaide team's tennis balls hit the mark in national comp

A team of four students from Mechanical Engineering has tied for top spot in the finals of the annual Warman Design Competition in Sydney. The competition is sponsored by Warman International Ltd.

Mechanical Engineering Departments in Australia and New Zealand run local competitions and the winning campus team is sponsored to compete in the national competition. The design competition usually forms part of the second year students' academic studies.

Mechanical Engineering's Mr Graeme Secker said the organisers issued a different design challenge each year. This year it was called Project ANTIQUES.

In this scenario, a radio isotope disaster has occurred and a room has filled with a gas cloud. A neutralising radiation source has been developed and it needs to be placed in the centre of the room. The effectiveness of the source falls off with the square of the distance from the room centre.

The challenge to the students was to place the neutraliser in the centre of the room—And Neutralise The Isotope Quickly Until Entirely Safe (ANTIQUES).

"The object of the exercise was to design and build a device which transfers a tennis ball (neutralising source) through a window and places it in the centre of the 1200mm square finish

zone, 400 mm above the floor," Mr Secker explained.

"The device then has to retract, leaving the ball in position, clearing the window frame within three minutes from the start. At the start the device has to fit within a 400 mm cube."

The Adelaide students worked in teams of four to develop concepts, design the device and then build it.

"The competition is run in conjunction with their Level II Design Project and so they must also produce drawings of the device and a comprehensive report," said Mr Secker.

The campus trials resulted in two teams achieving very close results, with a play-off to decide the campus winner.

This was Isaac Mathwin, Paul Mayes, Andrew Paltridge and Paul Teasdale, who designed an unfolding arm powered by batteries using geared drives to unfold the arms.

The Adelaide team went to Sydney at the end of September to compete in the national finals—coming equal first with a team from the University of Auckland and Queensland University of Technology.

"The tie result was due to the accuracy of placement being better than the organisers' accuracy of measurement," Mr Secker said.

"Our team managed to place the ball within 5mm of the target on both competition runs."

The News IN BRIEF

EB PROGRESS

Negotiations between the University and unions on the enterprise bargain are nearing completion.

The Deputy Vice-Chancellor, Professor Doug McEachern, said that following an exchange of draft agreements, a small group of University and union representatives had been meeting frequently to "review, redraft and reshape the agreements".

He said a limited number of issues remained to be resolved and the process of consultation with University staff for final approval of the agreement was expected to begin soon.

The University's draft is available on the EB Web site through the Vice-Chancellor's Office home page or directly at <<http://www.adelaide.edu.au/EB/EBhome.html>>.

VERCO MEDALLIST

Professor Joe Wiskich from Botany has been awarded the 1997 Verco Medal by the Royal Society of SA for his outstanding achievements in plant physiology over a period of 35 years.

Professor Wiskich is the author of more than 100 refereed journal articles and numerous reviews, conference proceedings and presentations. He is a Fellow of the Australian Academy of Science, held a Special Investigator award of the Australian Research Council from 1993-95, and is currently President of the Australian Society of Plant Physiologists.

STUDENT POSTER WINNER

University of Adelaide Honours student Megan Shelden has won the prize for the best student poster on plant membrane biology at the recent Annual meeting of the Australian Society of Plant Physiologists in Melbourne.

Ms Shelden is studying with Dr Daniel Schachtman in the Botany Department.

POETRY CONFERENCE

The third biennial National Conference on Poetry has been organised this year by the English Department at Flinders University and the SA Writers Centre under the theme "Soundings".

Invited poets and speakers include Kevin Brophy, Dinah Hawken from New Zealand, Andrew Taylor, Judith Rodriguez, Philip Mead, Lee Cataldi/Fred Jensen, Richard Tipping, Pamela Brown, Adam Aitken, Tom Shapcott, Hazel Smith and Steve Kelen.

The conference will be held from 7-9 November at Flinders University and the SA Writers Centre at 187 Rundle St. Details available from Jeri Kroll or Lyn Jacobs, tel 8201 3400 or 8201 3556.

HAIR WE ARE

There is a University of Adelaide link in the revival of the classic rock musical *Hair* at the Odeon Theatre, Norwood from 7-29 November.

Former science student and now staff member Emily Collins is playing Ronny, and opens the show singing "Aquarius". Ms Collins works for the Department of Obstetrics & Gynaecology and the Professorial Unit of Psychiatry at the Queen Elizabeth Hospital.

Also in the cast is Elder Conservatorium voice student Jindrich Mokros, playing one of the core tribe members—Woof, who sings "Sodomy".

Museum excellence award for Mawson story

The Coach House at Urrbrae House Historic Precinct has received a National Museums Australia Award for excellence in graphic design of museum publications for its CD Rom, "Sir Douglas Mawson".

The interactive CR Rom tells the story of the 1911-1914 Australasian Antarctic Expedition led by Mawson. It includes details of the heroic sledging journey when Mawson trekked back to base after the loss of his two companions Mertz and Ninnis. A highlight of the CD is the inclusion of spectacular Antarctic photographs by Frank Hurley.

The production of the CD Rom is part of the joint University of Adelaide-South Australian Museum project to house, care for and display the Mawson Antarctic Collection, which has been gifted to the University by the Mawson family

and contains objects, photographs and documents illustrating the life and work of Sir Douglas Mawson.

The CD was largely the work of Mark Pharaoh, assistant curator of the Mawson Collection, and staff at Bridgehead Australia, who are industry partners in a project to develop a database and related multimedia products which will make information about the collection accessible to a wide audience.

The South Australian President of Museums Australia, Mr Geoff Speirs, presented the award certificates at a special celebration at the Coach House on 27 October. The Vice-Chancellor, Professor Mary O'Kane spoke on behalf of the University.

• The CD Rom is available for sale at the South Australian Museum shop and the Coach House at the Waite Campus.



L to R: Council member Bruce Webb, Urrbrae House Curator Yvonne Routledge, Mark Pharaoh and Bridgehead Australia's Ian Hamilton. Photo: ETU Photography, Waite.

Keeping chronic trauma effects in the public eye

An Adelaide specialist in the effects of posttraumatic stress disorder is the new President of the International Society for Traumatic Stress Studies (ISTSS)—and the first non-American to hold the post. He is Professor Sandy McFarlane, Acting Head of the Department of Psychiatry.

Founded in 1985, ISTSS is an international, multidisciplinary forum for sharing research, clinical strategies and public policy concerns on trauma. Members include researchers, administrators, nurses and clinicians, as well as representatives of victim groups such as holocaust survivors and Vietnam veterans.

The society acts as a clearing house for the increasing body of research into trauma, but also addresses the large-scale consequences of trauma through involvement in human rights and social politics, representing the interests of members to international organisations such as the UN and UNICEF.

"The truth and reconciliation commission in South Africa has been very much informed by what we understand about the effects of psychological trauma and the process of people's adjust-

ments," Sandy McFarlane said.

"On one level it can be a society that's interested in brain imagery and drug trials, but on another level it is an organisation that deals with the broadest of social implications."

Sandy McFarlane believes there is an enormous capacity for trauma and its effects to be denied; on the other hand, trauma can be claimed to be the cause of everything and people can falsely or inappropriately adopt the victim mentality.

"One of the reasons why this organisation is so important is that it provides an international community of scholars, which I think is absolutely critical for any field. Because you can't afford to depend upon opinion, you really need to have carefully collected and conducted scientific research."

Professor McFarlane has been actively involved in disaster research since the 1983 Ash Wednesday bushfires in South Australia. Last month he gave a keynote address at the Institute of Mental Health in Tokyo, in the wake of the Kobe earthquake.

He says that while disasters initially

attract an enormous outpouring of sympathy from the general public, the chronic effects are often neglected.

"People have tended to forget that no matter how good the initial intervention is, there will still be a significant percentage of people who bear long term scars and need formal psychiatric treatment."

Professor McFarlane recently co-edited *Psychobiology of Posttraumatic Stress Disorder* with Dr Rachel Yehuda. The book presents some of the latest research on chronic posttraumatic stress disorder by scientists who contributed at a 1996 conference he arranged with the New York Academy of Sciences. It demonstrates the value of linking psychobiology with clinical knowledge to further understand the disorder and provide clues about its treatment.

Sandy McFarlane will continue in his present role as secretary of ISTSS until the New Year. As the new president, one of his aims is to focus on forming and developing consensus statements.

"It is important there is some attempt to inform the public debate," he said.

—Emily Collins

Professor McFarlane's research at the Queen Elizabeth Hospital includes a treatment study for which subjects are required.

The study examines the relative effectiveness of two widely used treatments: cognitive behavioural treatment and Rapid Eye Movement Desensitisation (EMDR).

Some people will also be offered the opportunity to take part in a trial examining the role of medication in facilitating the effects of cognitive behavioural treatment for individuals who have been traumatised.

The research team is providing treatment at no cost to individuals who suffer from posttraumatic stress disorder and are interested in participating in the study.

Contact the Cramond Research Unit of Psychiatry at the Queen Elizabeth Hospital between 9am and 5pm on 8222 6909.

Advertisement

Kids set the agenda for catchment care

From Page 1

Among University staff who played an active role in the congress program were Professor Mike Tyler, Professor Ian Falconer, Associate Professor Ken Dyer, Associate Professor Keith Walker, and Dr David Walker.

The Community Relations Officer from the University's Industry Liaison Office, Mr Ben Yengi, also provided support for the congress program.

The week's activities culminated in the development of a congress charter, which was presented in Bonython Hall on 23 October to the Patron of Landcare Australia, Dr Barbara Hardy, and the Vice-Chancellor, Professor Mary O'Kane.

The students then spread out from the University to "Tell the World"—with various groups presenting copies of the Charter to the Governor, Councillor Leonie Ebert representing the Lord Mayor, *The Advertiser*, and the *Adelaidean*, among others.

Some groups took to Rundle Mall to conduct a survey, while others paraded in sand-

wich boards illustrated with catchment stories to get their message across. Yet others took part in a tree planting near the Riverside Rowing Club.

The Kids' Congress Charter calls on local communities and Councils to be actively involved in environmental issues and water-care practices, and to work cooperatively to restore degraded areas and plan for future sustainable management of the State's water courses.

It challenges Government to provide financial, technical and planning assistance to local communities as well as strong laws to protect the environment. It calls on other agencies to work with kids in establishing and maintaining healthier catchments, while local business and industry is urged to sponsor and work in partnership on projects in which schools are involved.

Jan Fitzgerald said there was now a move to extend the program begun at Ardtornish to other catchments in the Adelaide area.

"The ripple effect is beginning to work well," she said.

—John Edge

THE UNIVERSITY OF ADELAIDE
The Alumni Association of the University of Adelaide presents

MARS meteorites & the meaning of life

with Professor Paul Davies,
Dr Vic Gostin and Dr Chris Mortensen
Adelaide Convention Centre
Wednesday, 12 November, 7.30-9.30pm
Bookings at BASS: \$9 adults, \$6 concessions

A Physicist, a Geologist and a Philosopher discuss the most recent discoveries about the planet Mars and their implications for us all. The Science & Mathematical Science Chapter of the University of Adelaide Alumni Association is presenting this event in conjunction with the Science Alive festival and is assisted by Adelaide Science and The Investigator Science and Technology Centre.

ADELAIDE SCIENCE
INVESTIGATOR
SCIENCE AND TECHNOLOGY CENTRE

Mitchell study under way

Dr Martin Davies, a Visiting Scholar in Philosophy at Flinders University, has been awarded two Project Assistance grants from Arts SA for the first draft of a manuscript on the life and thought of former University of Adelaide Vice-Chancellor and later Chancellor, Sir William Mitchell.

The Scottish-born Mitchell was Hughes Professor of Philosophy and worked at the University of Adelaide during the years 1895-1940. He died in 1962 at the age of 101.

Mitchell published two main works, *Structure of Mind* (1907) and *The Place of Minds in the World* (1933). He wrote mainly in the philosophy of mind, but also on quantum theory, neuroscience and philosophical psychology. He was the first philosopher working in Australia to give the prestigious Gifford lectures at the University of Aberdeen. His third manuscript, *The Power of Mind*, is understood to have been lost in the bombing raids of London during the second World War.

Dr Davies would be interested in hearing from former students who might have studied at the University of Adelaide under Mitchell, or anyone familiar with Mitchell's writings. He can be contacted on 8201 2052 or 8298 5887, email <Martin-Davies@flinders.edu.au>.

[Material courtesy of Flinders University, "On Campus"].

Advertisement

Green tea could be a natural weapon against cholesterol

At present, pharmaceuticals are the main agents recruited to lower blood cholesterol, in combination with a low-fat, low-cholesterol diet. But there may be a natural alternative—green tea.

A widely consumed traditional beverage, green tea has already been linked with beneficial effects such as a reduction in the risk of skin cancer. Now Asian studies have shown that people who drank 5-10 cups a day had significantly decreased cholesterol levels.

Christina Bursill, a PhD candidate in the Department of Physiology—who is based at CSIRO's Division of Human Nutrition under the supervision of Dr Paul Roach—has been investigating this effect.

Cholesterol is essential for the integrity and development of all mammalian cells and is the raw material used in the synthesis of steroid hormones.

"But the very property that makes it useful, mainly insolubility in water, also makes it potentially lethal," Ms Bursill said.

If cholesterol collects within the wall of an artery, it can't be readily mobilised and its presence eventually leads to the development of masses called atherosclerotic plaques, which partially obstruct the passage of vessels.

"If cholesterol is to be transported safely in the blood, its concentration must be kept low," she said.

Cholesterol is carried in particles called lipoproteins, the most abundant of which is LDL. The so-called "bad" cholesterol, LDL is linked with heart disease.

These lipoprotein particles are removed from the blood by receptor molecules on the outside of nearby cells. Once these cholesterol-containing particles bind to the LDL receptors, they can enter cells where they are broken down and the cholesterol is used.

For her honours work, Ms Bursill tested the effect of green tea on the LDL receptor. She found that extracts of the tea caused the activity of the LDL receptors in cultured



Christina Bursill: green tea research. Photo: David Ellis

human liver cells to increase.

Her follow-up study in tea-fed rats also led to an increase in the liver LDL receptor although it did not yield a lowering of blood cholesterol. She believes these results reflect the fact that rats are not very responsive to agents designed to alter their cholesterol levels.

Fortunately, although humans are more susceptible to high cholesterol levels in the blood, they are also more responsive to attempts at reducing cholesterol.

Ms Bursill is primarily concerned with determining which constituent is responsible for lowering cholesterol and how it works.

In her honours year, she discovered that an antioxidant contained in green tea increased the activity of the LDL receptor. A type of catechin, the most abundant antioxidant in green tea is coincidentally the most powerful and active.

For her PhD, Ms Bursill aims to determine the mechanism by which antioxidants such as catechins act.

So what about black tea, your standard, run-of-the-mill cuppa?

It may come as a surprise that green and black tea are made from the same plant species, *Camellia sinensis*. The different compositions and colours are due to the treatment of the leaves: the leaves destined to be black tea do not receive the same rapid heating integral to the production of its green relative. Instead, the plant leaves are allowed to ferment which changes their catechins into bigger, complex structures, giving the characteristics unique to black tea.

Black tea contains lower concentrations of these catechin antioxidants in free form. In fact, it contains only 3-10% free catechins in comparison to up to 36% in the solid matter of green tea.

The beneficial effects of black in comparison to green tea are still under investigation.

Australians are not in the habit of drinking green tea, but considering the fact the coronary heart disease kills 150 Australians every 24 hours, it might be worthwhile for the nation to include green tea in its beverage consumption.

—Emily Collins

Advertisement

Going to a conference this year?

If you will be attending a national or international conference this year, then consider volunteering to host it in Adelaide.

The Adelaide Convention and Tourism Authority (ACTA) is working with the University of Adelaide to bring more conferences to Adelaide. We are here to help you and provide complimentary support from the earliest bidding process to the final realisation of the conference.

We provide an impartial 'one stop shop' and can help you with all of your conference needs.

So if you will be attending a conference in 1997, why not take a package of information on Adelaide, including a complimentary promotional video.

For details of support provided, and to obtain your Adelaide package, contact Ms Anne-Marie Quinn on 8212 4794 or the Vice-Chancellor's Office on ext 33011. Email: <aquinn@registry.adelaide.edu.au>



Austin Gough: generous contribution to others

The former colleagues, students and all the friends of Austin Gough, formerly Professor of History at the University of Adelaide, are in mourning for somebody who was respected by all who knew him and loved by a legion of friends. Austin died suddenly of a massive heart attack at his Croyden, Victoria, home on Sunday evening, 26 September. He is survived by his wife Genevieve, his son Julian, and daughters Lisa and Harriet.

Deeply interested in World War II to the benefit of generations of students, Austin was primarily an historian of nineteenth century France who was greatly respected by French historians—a respect not casually bestowed on foreigners. An expert on the French church during the reign of Napoleon III, the regard in which he was held is demonstrated by the fact that his *Paris and Rome: The Gallican Church and the Ultramontane Campaign 1864-1853* ... was recently translated by a distinguished French scholar of the period who was desperate to get a French version for his students.

Of late years his publication of regular articles in first the *Hobart Mercury* and more recently in [*The Adelaide Review*], while they delighted appreciative readers and stirred debate, delayed completion of his long awaited study of the First Vatican Council of 1870 which promulgated the doctrine of Papal infallibility. It was to be based on a remarkable, little-known archive which he had discovered in Paris of letters from French society ladies, all fer-



Austin Gough—photo courtesy of History Department

vent Gallicans, who had accompanied their priests to Rome to hold salons there and help sustain the fight against a doctrine they regarded as abominable, and whose priests betrayed their cause at the last. Many will be hoping that the manuscript was sufficiently advanced for the work to be edited and published by other hands.

Austin Gough will also be remembered for his generous contributions to the scholarship of others, particularly his Adelaide post-graduate students. On the eve of retirement the Department nominated him for the Stephen Cole the Elder Prize for Excellence in Teaching, one of the first to be awarded. Students' testimonies to his qualities as a teacher happily remain on file

in the Department. To read them now is a moving, and for a former colleague, a humbling experience. Several comments catch the eye: "As a teacher he was not only interesting—he was interested." You could hardly encapsulate Austin's virtue as a teacher in fewer words. Another student found that he always succeeded in persuading her that what she was doing was important. Another described her sessions with him as "a shared experience". ...

In all his university and literary pursuits Austin was well served by a broad experience of life and of people. His had been no simple progression from school to university to postgraduate degree to academic preferment. Educated at Xavier College, where he

simultaneously embraced reading and rejected Catholicism, after military service late in the war he embarked at the ripe old age of twenty on a career as a newspaper editor first in Walgett, then in Coonamble, where his father had acquired the local newspapers. Many of Austin's most entertaining reminiscences related to those years (1946-1951). He enlivened the dull task of covering Saturday weddings in relentless detail by writing them in the style of favourite authors: one week Henry James, another Ernest Hemingway or Dickens.

Later he worked for the PMG department in Melbourne and here a book should have been written supposing anyone would have dared publish it—certainly not before the last individual concerned was dead. It was a time when telephones were severely rationed and only essential services could jump the very long queues so that a police raid on a S.P. betting shop which contained, say, fifty busy telephones could be a serious embarrassment unless a blanket was hastily thrown over the scandal. Austin was a keen observer of much chicanery which extended to as high as gentlemen who had been knighted for their services to communication by indulgent governments.

It was in those years that, as a "mature student", he began to take part-time courses at Melbourne university and gradually transformed his career and his life, winning the R.G. Wilson Prize for the best degree in history (the equivalent of a gold medal), being appointed as a lecturer and a tutor, and eventually embarking with Genevieve for

Oxford where at St. Anthony's he completed his DPhil. This was quickly followed by a permanent appointment at Warwick University from which he subsequently returned to Australia to take up a readership at Monash University in a very distinguished department. It was a meteoric rise and it was capped by his appointment to a professorship at Adelaide during 1970.

Two other aspects of this many sided man cannot be overlooked. He was a brilliant pianist and had moonlighted in Melbourne nightclubs in his early student days. ... Certainly I have been a delighted audience when he had played anything from Beethoven to jazz improvisations to blues and have many memories of guests harmonising ballads around his upright grand after one of Genevieve's deservedly famous dinners.

The other aspect was his golf. ... It has been claimed that he could have made his living as a professional but although very talented, he knew he was unsuited to the pressure of professional golf. However, I have watched all the great players of the last twenty years through satellite television, and I could not name six golfers whose swing combined equally his power, elegance and rhythm. ...

His students testified to his urbanity, his charm, his wit and, above all, his humanity. That is also how his friends remember him and we always will.

—Roger Hainsworth

(An edited version of an obituary from the October 1997 *Adelaide Review* reproduced by courtesy of that paper.)

Cross-cultural training for the University community

The past eighteen months in Australia have seen a resurgence of public debate about the extent of racism in Australia and a rise in public expressions of racial intolerance. For universities working to build a credible image of tolerance and attract an international market, these developments are an additional handicap.

As outlined in *Campus Review* October 1-7, 1997, new market research conducted by IDP Education Australia shows there is a clear perception amongst Malaysian students that Australia has significantly higher levels of racial discrimination than rival higher education destinations in other English speaking countries.

If Australian universities are to recapture their advantage they must become proactive in demonstrating their commitment to equity, social diversity and a cosmopolitan learning environment.

The University has made a commitment to becoming an international university with a global outlook. A crucial factor in this will be the successful learning outcomes and life experiences of international students who choose to study here.

One important way to achieve these outcomes is to ensure that the University community responds appropriately and knowledgeably to an environment increasingly characterised by cultural diversity.

The REACH Centre from Seattle is an organisation which assists educational institutions to develop such an environment. REACH is an acronym for "respecting ethnic and cultural heritage". The REACH approach to diversity awareness and anti-racism training aims to get away from blame and finger pointing. REACH assists individuals and organisations to search for ways to more clearly understand our history, and to identify positive strategies for creating a pluralistic environment.

The REACH Centre comes to Australia once or twice each year and has developed a sound understanding of the Australian higher education sector. The University of Technology, Sydney (UTS) has been involved with REACH for three years and over 150 UTS staff have participated in anti-racism/diversity awareness workshops over the past twelve months.

Since UTS has taken the initiative, other universities around the country

are following suit. Feedback is positive, particularly about the way in which the training encompasses both indigenous and multicultural issues.

Adelaide is hosting a visit by trainers from the REACH Centre who will conduct a train-the-trainer course in cross-cultural awareness in Adelaide from 4-6 December 1997. The course will cover such issues as exploring personal culture and understanding prejudice, power, racism and diversity.

If you are interested in attending the course or finding out more about REACH, please contact Jane Copeland from the Equal Opportunity Office (8303 4254 or email jcopeland@vco.adelaide.edu.au). There are a limited number of places available in the course. Details are as follows:

VENUE: University of South Australia (City East campus)

DATE: 4-6 December 1997 (Thursday-Saturday)

TIME: 8.30 - 5.00 (Continental breakfast provided from 8.00)

COST: \$650 (includes training manual, continental breakfast and lunch each day)

—Jane Copeland

Urrbrae House Open Day

Sunday 16 November
from 10am-4pm

- Painting Exhibition: Beryl Martin
- Sculpture Exhibition: Chris Wells
- Guided Tours of Historic Precinct and Arboretum
- Music, Champagne, Stalls
- Sausage Sizzle
- Petanque demonstration
- Rose Garden
- Victoriana Society serving afternoon tea in the Dining Room

Admission to Open Day is free
Tours of Historic Precinct \$4
Arboretum \$2

MUSIC OVER 100 YEARS

ALL former staff and students of the University of Adelaide are invited to join in the many events planned between 26 September and 4 October 1998 to celebrate the teaching and performance of music into the next century as the Con marks its centenary.

Interested in taking part? Please contact 8303 5286 (tel) or 8303 4414 (fax).

Alumni Asian functions prove great success

Two very successful alumni dinners were held last month in Indonesia and Malaysia.

Jakarta

More than 60 alumni attended the Inaugural Alumni Association Dinner at the Hotel Ambhara in Jakarta on Monday 20 October.

Alumni from across the age spectrum attended with some from the early 1960s (Togi Siregar BE 62, Iskanto BE 62), a number who received their degrees in 1997, and some had travelled over 500 kilometres for the function.

Australian Ambassador to Indonesia, His Excellency Mr John McCarthy attended and took the opportunity to speak with many of those present.

Professors Andrew (Biology) and Sally Smith (Soil Science), who were running a conference in Bogor, and Graeme Hugo (Geography) were present, as was University Senior Deputy Chancellor Jim Bettison, who spoke about current developments in the University and highlighted the importance and value of alumni input into the University.

Alumni Director, Geoff Sauer spoke about the Alumni

Association and its development, the forthcoming combined South Australian universities alumni dinner in Jakarta on 19 November and the Australian Universities Alumni Convention to be held in Adelaide in October 1998.

The success of alumni functions can always be measured by the noise level of the conversation and by that measure this function was enjoyed by all.

IKAMA (Ikatan Alumni Australia) Secretary-General, Wijono Pontjowinoto was also present. He stressed the importance of keeping in touch and said he hoped that more Adelaide alumni would participate in IKAMA activities.

The Alumni Association records its thanks here to the staff of the South Australian Government Representative Office in Jakarta for their most generous assistance with the arrangements for this function—their efforts contributed significantly to the success of the evening.

Sarawak

Some 50 of our alumni from Sarawak (in East Malaysia) attended a dinner on Saturday 18 October in

Kuching hosted by Sarawak Chief Minister Datuk Patinggi Tan Sri Haji (Dr) Abdul Taib Mahmud (LLB 61, DUniv 94) at his home.

A number of the teachers from the Tunku Putra International School opened that morning in Kuching also attended the dinner, including Adelaide alumni Alison Hunt (BMus 81), Geoff Farr (BA 76 Dip Ed 77) and Fong Chai Sow (BA 88 Dip Ed 89).

The school is a partnership of distinguished Malaysian and Australian institutions—Cahaya Mata Sarawak Berhad, SarInti Sdn Bhd and Prince Alfred College from Adelaide.

Sarawak *pro tem* Alumni Committee Chairman Rodger Chan (BArch Hons 86), Alumni Director Geoff Sauer, Alumni Chair Harry Medlin and Taib Mahmud all said a few words.

Highlight of the evening was "Waltzing Matilda time", when four alumni took the floor to tell of some of the more humorous times that they had experienced in Adelaide.

Forty five minutes of almost constant laughter ensued—the Chief Minister concluded the nostalgia with



L to R: Geoff Sauer, Dian Renta (IKAMA), Subagio (IKAMA), John McCarthy (Australian Ambassador to Indonesia) and Wijono (IKAMA Secretary-General) at the alumni dinner in Jakarta. Photo courtesy Geoff Sauer.

some experiences of his own.

This event had been scheduled a week earlier but had been rescheduled on account of the haze problem which had returned after a brief respite but without the same intensi-

ty—a number of alumni travelled to Kuching from Miri for the dinner and we are grateful for that, given the travel difficulties in the region at present.

—Geoff Sauer

KL wedding

Congratulations to Foo Chin Yen (BCom 94) and David Sim Kwang Tiang (MBA 95) who were married in Kuala Lumpur on Thursday 16 October.

David's parents Sim See Kee (BTEch 65) and Jane Sim (nee Teo) (DipSocSt 65) are both Adelaide alumni and a significant number of the guests at the wedding were Adelaide alumni—in fact you could have been forgiven for thinking that the dinner was actually an Adelaide University alumni reunion!

SA Unis hold joint functions in Asia

Combined Adelaide, Flinders and University of South Australia alumni dinners are to be held in Jakarta on Wednesday 19 November, Singapore on Friday 21 November, Kuala Lumpur on Saturday 22 November and Hong Kong on Wednesday 26 November.

Further details are available from Geoff Sauer at the Alumni Office on 61 8 or 08 8303 4277.

Any alumni in the region or alumni from Australia who might be travelling there then are welcome to attend.

—Geoff Sauer

Distinguished Alumni Award presented in KL



Dr Harry Medlin and Datuk Yong Poh Kon. Photo courtesy of Geoff Sauer.

Alumni Chair, Dr Harry Medlin and Director Alumni Relations, Geoff Sauer presented Datuk Yong Poh Kon (BE Mechanical First Class Hons 68) with a Distinguished Alumni Award in Kuala Lumpur on Thursday 16 October.

As a student Yong Poh Kon was active in the Coordinating Committee for the Welfare of Overseas Students in South Australia—an activity promoted by the Commonwealth Departments of Education and Foreign Affairs which played an essential part in helping Asians and Australians to know and understand each other.

After returning to Malaysia he joined the family company Selangor Pewter founded in 1886 and later succeeded his father as Managing Director. Under his direction and guidance the company has developed into the largest and most prestigious pewter manufacturer in the world. Work practices in the factory, which employs more than 1000 people in Kuala Lumpur alone, are pre-eminent and the multi-ethnic work force holds its Managing Director in the highest esteem.

Yong Poh Kon has introduced sophisticated engineering practices and extended his and the Company's interests into the graphic arts, excellence in design and exquisite craftsmanship.

He has also made substantial contributions to Banking, Manufacturing, Multilateral Trade and Economic Research issues in Malaysia. In 1996 he was honoured by the King of Malaysia with the title of Datuk.

His Distinguished Alumni Award was given in recognition of 30 years outstanding service as an engineering alumnus to manufacturing and management in Malaysia.

Cornell AGM

The Cornell Chapter AGM will be held on 20 November at 6:30 pm at St Mark's College. Reports of the year's activity will be presented, and elections held for the Chapter Committee. Nominations will be taken from the floor, or may be sent in advance to Adrienne Eccles at the Alumni Office. The meeting will be followed by the Annual Dinner, 7:00pm for 7:30pm. \$35 per person, BYO drinks. Book at the alumni office, 8303 4275, before 14 November. Guest speaker: Professor Thomas Shapcott. Music by the Australian String Quartet.

Candidates for Constitutional Convention

Former Council member, Dr Baden Teague and the Law School's Linda Kirk have been endorsed as candidates by the Australian Republican Movement for the election of delegates to the Constitutional Convention.

The Convention will be held at Old Parliament House in Canberra for ten days in February 1998.

It will discuss whether Australia should become a republic and, if so, what model should be adopted.

Dr Teague is an Adelaide graduate in Arts and Sciences and holds a PhD from the University of Cambridge. He was a Liberal Senator for 18 years and a member of the University Council from late 1995 to early 1997.

He was recently appointed a Visiting Research Fellow in Politics.

Linda Kirk is a Lecturer in Constitutional Law who holds degrees in Law and Economics from Adelaide and a Master of Law degree from the University of Cambridge. She is currently writing her doctoral thesis in Constitutional Law.

Indonesian exchange helps to build networks

The University's Radio 5UV has always had work experience students as part of its commitment to the community, but Iwan Sriwidiyanto has come further than most to spend time at the North Terrace studios. All the way from Indonesia in fact, where he is a first year student of politics and communications at the University of Airlangga, Surabaya, East Java.

His visit was arranged as part of the Australia-Indonesia Youth Exchange Program, held this year in South Australia for the first time.

Iwan Sriwidiyanto is one of 18 top students, one from each Indonesian province, involved in the scheme. Each participant undergoes a period of acclimatization to Australian customs before arriving.

One of the intriguing factors of the selection process is that every participant is expected to have performance skills, such as the singing of traditional songs, and are also expected to demonstrate these in the course of their visit.

"Before we went for the training we were sent a form which we had to fill in to show what place we wanted to go for our work placement. The first time, I chose radio, and luckily they looked at my experience as a student

announcer, and they sent me here."

Mr Sriwidiyanto's work experience at 5UV involved training on the state of the art digital editing suite, and also involved him being interviewed about his visit on 5UV's breakfast program Radio Espresso.

One of the things that he admits impressed him greatly about Radio 5UV was the number of volunteer programmers engaged in the day to day running of the station.

"I like to be involved because the volunteers here are all allowed to express themselves, to make their own reports and put them to air, and it's very encouraging that the volunteers have the spirit to do what they're doing," he said.

Iwan Sriwidiyanto is a broadcaster with the internal radio station at his home university, and looks forward to a career in broadcasting when he graduates. The second part of his visit to South Australia will take him to Mount Gambier.

The Australia-Indonesia Student Exchange Scheme was set up under the aegis of the Australia-Indonesia Institute, established in 1989 to encourage and develop relationships between the two countries.

The Australian students involved will join with their Indonesian coun-



Iwan Sriwidiyanto: Indonesian youth exchange visitor at Radio 5UV. Photo: John Edge

terparts to work on a joint project in Indonesia. They will be able to learn more about the decision-making processes and philosophies of the other culture, and the hope is that the rela-

tionships they form and the networks they build will be of value to them throughout their professional lives.

—Ewart Shaw

Teaching and learning site leaps ahead with a new look

The University of Adelaide's web site for innovative teaching, learning and curriculum, Leap, has a new address and a new look.

The original graphics have been enhanced, and the site has been re-organised to provide easier navigation. The new address is <<http://web.acue.adelaide.edu.au/leap/>>.

The Leap site consists of pithy examples of teaching, learning and curriculum initiatives that are either novel variations on traditional teaching, or quite original. Each entry is written briefly, but with enough detail to give readers a clear idea of

whether or not the initiative is useful for them to apply. Although there are many examples that feature technology, equally as many do not.

Among new and recent entries are two on organising large tutorial groups into peer tutorials, by Dr David Mosler from History, and by Dr Dong-ke Zhang (Chemical Engineering) and Dr Ray Peterson (ACUE).

Dr Heather Kerr from English takes the postmodern turn to teaching practice, Dr Deane Fergie fires up undergraduate students with research-oriented undergraduate topics in Anthropology, and Dr Grant

Townsend describes the innovative curriculum practices in Dentistry.

New examples are regularly added to Leap as well as information about Teaching Grants and Awards, both national and local.

- If you think you are engaged in teaching, learning or curriculum which are different, and would like to share it with others through Leap, contact Margaret Kiley of the Advisory Centre for University Education on <mkiley@acue.adelaide.edu.au>.

ACCOMMODATION

AVAILABLE: South of Adelaide - fully furn, small, self contained granny flat with sep entrance. No running costs to be paid. Close to transport, direct to city. Ideal for very quiet student, non-smoker. \$45 pw. Ph 8382 9545.

BURNSIDE: Modern townhouse, 3 br, 2 bathrooms, 3 toilets, r/c air cond, garage, lovely garden, short or long lease. \$250 pw. Ph 8361 3957.

COLLEGE PARK: 4 br share house, 20 min walk/5 min cycle to uni. Neat house, lge garden. \$45 pw + exp. Ph 8362 6719 (evening).

HOLIDAY BEACH HOUSES: Kangaroo Island, beautiful beach, bush wildlife. Goolwa, backs onto ocean/beach. Ph 8388 6404.

HOLIDAY HOUSE: Second Valley - Avail for weekly rental during school holidays. New, architecturally designed, view, close to beach, sleeps 5. Ph 8379 6510.

HOUSE SITTER: Conscien-

tious, professional couple looking to house sit (between Stirling & city) from Jan - mid March 1998. Happy to care for animals & garden. Exc refs avail. Ph Jessica or Ben 8293 3018 or 8388 9005.

NORWOOD: 2 br, furn, private gardens & courtyard, under cover parking, close to facs, suit student or lecturer. Ph Nick 0412 445 517.

NORWOOD: Single front house, 2 br & study, bus stop 2, walk to Uni. Avail 5 Nov - long term. \$150 pw. Ph 8223 1508.

RICHMOND: Female to share with same, fully furn rooms. Dec & Jan. \$60 pw. Ph 8352 1953 (ah).

WANTED: Academic, wife & quiet dog require 3 br house with garage in Blackwood/Hills area from mid Nov for long term. Ph David 8303 3931 or email: <dsaint@physiol.adelaide.edu.au>.

WANTED: Furn apartment/house for scientist from early Jan 98. Refs avail. Ph Jim 8259 5895 or email: <[## Adelaidean](mailto:Jim.winkles@</p>
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dsto.defence.gov.au>.

WANTED: Short term rental or house sit. Professional couple avail from early Dec 97 - late Feb 98. Garden and pet minding. Ph 8271 8847 or fax 8373 3359.

FOR SALE

APPLE MAC: Classic II, 20 Mb HD, 6 Mb RAM. \$300. Ph Briony 8303 7331 or 8297 7125.

CHAMPAGNE: Fundraising \$4/\$48dz unlabelled Manager's Blend Classic Australian Brut/Cuvee made under contract to Sky Cellars by Seaview. Closing date for orders 17 Nov; collection 20 Nov from Fisher Bldg. Order forms and details from Anne Richards email: <arichards@zoology.adelaide.edu.au> or 8345 3027 (ah).

HI-FI SYSTEM: Challenge MKIVA am/fm receiver 50W

RMS, TEAC A103 cassette deck, 70W WIGO acoustic speakers, superb sound, \$1000 ono. Ph 8332 2815 (after 5pm).

HOLDEN GEMINI: 1981 manual sedan, registered till Jun 98, 4 new tyres. SVO 508. \$1,300 ono. Ph Cathy 8303 7325.

MAZDA: 626, 1982, blue, 5 spd, very clean, no rust, good engine, new brakes & tyres, exc cond. VJK 540. \$2,650 ono. Ph 8297 1848 (after 8pm).

MOVING SALE: Desk, \$85 ono. Wardrobe, \$55 ono. Food processor, \$30 ono. Pedestal fan, \$45. Low-boy, \$40 ono. Kenwood cordless kettle, \$45. Sunbeam kettle, \$35. Food warming tray, \$30 ono. Moulinex food processor, \$75. Braun mixer (with blender), \$75. Phillips TV, \$125. All items in mint cond. Ph 8266 5570.

NISSAN MICRA: LX manu-

al, silver, immac cond, factory warranty, 10,000km. VTZ 735. \$12,000 ono. Ph Esther 8293 1158 or 8201 3852.

UNIT: North Adelaide - Montefiore, exceptionally secure and well-maintained group, 2 br, 2 balconies overlooking golf course. Tenanted at \$847 pcm. \$159,950. Ph Raelene 0419 841 838 or 8239 0909 (ah).

DEPARTMENTAL

TENDER - FORD FUTURA: Wagon, 1996, VVA 200, auto, air cond, ABS, cruise control, driver's airbag, fabric protection, tow pack, mudflaps, floor mats, 41,000km, silver. Inspection Thurs 6 Nov from 10am-12noon, ph D Harris 8303 7455. Tenders in a sealed envelope marked Tender No W254 to the Purchasing Manager, Waite Campus by Thurs 13 November 1997.

TENDER - HOLDEN COMMODORE: Station wagon, VS, 1995, white, 40,000km, VSP 467, auto, air cond, mudflaps, tow pack. Inspection Wed 5

Nov, 2-3pm, ph Geoff Clarke, 8303 7304. Tenders in a sealed envelope marked Tender No W252 to the Purchasing Manager, Waite Campus by Tues 11 November 1997.

TENDER - TOYOTA LANDCRUISER: 80 series, STD wagon, 1996, 41,000km, white, manual, air cond, cargo barrier, tow pack, VVL 701. Inspection Tues 4 Nov, 2-3pm, Ph Piers Brissenden, 8303 3999. Tenders in a sealed envelope marked Tender No W253 to the Purchasing Manager, Waite Campus by Tues 11 November 1997.

MISCELLANEOUS

BABY SITTER AVAILABLE: On weekends (evening or during the day). Ph Rebecca 8262 5134.

STUDENTS BEWARE: A warning from a postgraduate who has been the victim of a robbery in the library: keep watch of your possessions around campus at this pressured time of semester. Thieves love our inattentiveness and are taking full advantage of it.