

ADELAIDEAN

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NEWS FROM THE UNIVERSITY OF ADELAIDE

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Biological sciences review open for comment

ADELAIDE UNIVERSITY staff and other interested parties will have the chance to comment on the draft report of an international review which recommends a major reorganisation of the biological sciences at the University.

The team's draft report will be available soon and will be open for comment for two months.

An implementation committee, chaired by the Deputy Vice-Chancellor (Education), Professor Penny Boumelha, will be formed to work through the issues raised by the recommendations of the eventual final report.

Professor Boumelha said the committee would identify issues and critical timelines to ensure the recommendations of the final report, if accepted, would be implemented smoothly and in a way which was of benefit to the University as a whole.

The Vice-Chancellor, Professor Mary O'Kane, said implementation of any decisions made following consideration of the final report would be discussed during the early part of next year and she expected any new structures to be in place by early 2001.

Professor O'Kane said she understood that the draft report would recommend major change which would take some time for the University community to digest.

"I trust that all interested people within the University will take the time to

examine the draft and provide feedback," she said.

"I believe it is imperative that we work together to build on the great strengths we have in the biological sciences, to ensure our areas of international excellence remain strong and that other areas are built to a level of international eminence."

The international team has proposed:

- the creation of a new Faculty of Biological & Agricultural Sciences;
- the creation of a new faculty that brings together engineering, computer & mathematical sciences with physics and geology & geophysics.

The proposed school structure for the new Faculty of Biological and Agricultural Sciences is on the web at <www.adelaide.edu.au/DVC/reviews/biosci_review.html#proposal>, together with a diagram of the proposed structures for science education at the University.

The Convenor of the review panel, Professor Alan Robson, said the biological sciences at the University of Adelaide were generally nationally and internationally competitive.

However, he said some areas were inadequately covered, the quality of curriculum could be improved, and structural changes were needed to avoid duplication and encourage a better focus on student needs.

Professor O'Kane thanked everyone in the University and the community who



Pulling together Agricultural & Natural Resource Sciences and Sciences: review panel recommends.

had contributed to the review process over a long period. She also thanked the members of the review panel who are:

- Professor Robson, Deputy Vice-Chancellor of the University of Western Australia and a former Convenor of the Biological Sciences Panel of the Research Grants Committee of the Australian Research Council;
- Professor Ralph Bradshaw, a Professor in the Department of

Physiology and Biophysics at the University of California, Irvine, and a member of the Wills committee which reviewed health and medical research;

- Professor Jennifer Graves, the holder of a Personal Chair in Genetics in the School of Genetics and Human Variation, La Trobe University; and
- Dr Paul Wellings, a noted entomologist and Deputy Chief Executive of the CSIRO.

—David Washington

New payroll up & running

THE INTRODUCTION of a new Human Resources/Payroll system at Adelaide University marks another milestone in the implementation of the Project Endeavour information management strategy.

The new PeopleSoft system went "live" on 4 November and all staff received new-look pay advices for the 19 November pay day.

As well as salary information, the new pay slips provide details of leave entitlement.

The University's Human Resources/Payroll Team Leader, Ms Sue Turner, said the reaction from staff had been encouraging.

"People are generally pleased to have more detailed information on their pay advices," she said.

"It means they no longer have to phone up to find out how much leave they have.

"We've had several queries about the way leave entitlements are calculated and we'll be addressing these by putting an explanation on the University website."

The website address is: <<http://www.adelaide.edu.au/HR/new.htm>>.

Ms Turner said the time taken to develop and implement the new sys-

tem—just seven months—was remarkably short for such a project.

The old system was not Y2K compliant, and the team wanted to avoid introducing short-term contingency measures, she said.

Ms Turner commended the Data Management Group and the Technical Services section of Information Technology Services for their outstanding work.

Other elements of the new Human Resources/Payroll system to be introduced next year will include recruitment, management reporting, work flow and web enablement modules.

The Project Endeavour strategy aims to improve the way the University is run through the use of better information technology and more efficient administrative practices.

The changes are taking place in stages, with completion of the initial systems implementation expected in 2001.

The next major milestone will be the introduction of three PeopleSoft finance modules (General Ledger, Accounts Payable and Purchasing) across all areas of the University from 4 January.

—John Drislane

Celebrations on for 125th

ADELAIDE UNIVERSITY'S 125th celebrations reach a peak in December with a party, formal dinner and a televised public debate.

The University Council will meet on 11 December in the Institute Building on North Terrace—the site of the original Council meeting 125 years ago to the day.

A free public debate in Elder Hall at 11am on 11 December will see six of Australia's most interesting thinkers debate "that ideology is dead".

University Council member and Lord Mayor of Adelaide Dr Jane Lomax-Smith will lead the team for the affirmative, which will also include academic and writer Professor Humphrey McQueen and the Director of the SA Museum, Dr Tim Flannery.

Prominent Jesuit lawyer Father Frank Brennan will lead the team for the negative, which will also include Labor MP

Mr Mark Latham and Federal Justice Minister and Adelaide University graduate Senator Amanda Vanstone.

The debate will be chaired by Dame Roma Mitchell, a former Chancellor of Adelaide University, and adjudicated by the Executive Dean of the University's Faculty of Humanities & Social Sciences, Professor Malcolm Gillies.

To mark the occasion, ABC television will film the event for broadcast at a later date.

Meanwhile, all friends of the University are welcome to attend a 125th party at the North Terrace campus on 10 December.

To attend, students, alumni and friends of the University just need to call the Alumni Association on 8303 5800 to be sent an invitation.

All staff should already have received an invitation.

—David Washington



THE UNIVERSITY OF ADELAIDE

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Celebrating 
125 years

COMMENTARY

THE BROAD SCIENCE OF PETROLEUM ENGINEERING

No doubt you have heard about the development of the Santos School of Petroleum Engineering, made possible by the \$25 million sponsorship provided by Santos. It is reasonable to ask, just what is Petroleum Engineering and how might this new School relate to existing disciplines within the University?

Petroleum Engineering is a surprisingly broad field, and is multi-disciplinary. The many different facets are united by their focus in extracting hydrocarbons from the earth. For example, Petroleum Engineering includes Civil Engineering activities, such as the design of offshore structures. As land-based oil resources progressively become depleted, these aspects have become more important. Within Australia, activities will soon be moving into much deeper water, perhaps as deep as 1000m, and the technology required becomes a major consideration. Although offshore structures are important, they will probably not be a major thrust of Petroleum Engineering at Adelaide University. The major research thrust of the Santos School of Petroleum Engineering will be in Reservoir Engineering and Drilling Technology.

I am sure you have all seen movies where the oil gushes from the ground. In reality, this is very rare, and extraction of the oil is a very involved task. Oil and gas is usually locked in pockets within the rock and it is the flow or seepage of the oil and gas through the rock which is critical to the extraction process. Often this flow must be assisted by pumping water into the reservoir and forcing the hydrocarbons out under pressure. If the rock is not sufficiently porous, it can be artificially fractured to increase the porosity of the basin. Drilling a well is an extremely expen-

sive task, and hence it is vital that the Petroleum Engineer can extract every possible drop from the reservoir. Determining how the oil, water and gas, which may be under great pressure and at high temperature, will flow through the rock is a complex numerical modelling task. In order for this modelling to be meaningful, however, the geology of the reservoir must be known accurately. The most sophisticated computer models will be useless if there is a fault line running through the reservoir, as such faults are far more porous than the reservoir. Hence, the Engineer must work closely with Geologists and Geophysicists.

The technology used to drill oil wells is very sophisticated. A major well will have many drill holes often extending many kilometres laterally from the surface well. A drill many kilometres long is like a piece of spaghetti and drilling technology enables the drill to be guided to the point in the reservoir where it can be of maximum effect.

The problem of oil and gas extraction is made more difficult by the fact that one cannot actually see the three-dimensional reservoir. Knowledge is obtained from often-incomplete seismic information. It was recently explained to me that predicting the yield from a reservoir is a bit like a meteorologist trying to predict the weather with a vague idea that there might be some mountains nearby and that the site may be near the coast.

The Petroleum Engineer must be able to integrate these different disciplines. This will include a detailed understanding of input provided by geolo-

by
Professor Ian Young
Executive Dean - Engineering,
Computer & Mathematical
Sciences

gists, the mathematics and physics of the flow problems, the mechanical aspects of drilling, the structural aspects of the platform, the chemical details of the

fluids and the economic and management constraints. Although Petroleum Engineering may be focused on a single industry, it is a very broad science.

What does this mean for the shape of Petroleum Engineering at Adelaide University? The Vice-Chancellor and I have recently returned from a visit to a number of the major Petroleum Engineering Departments around the world. It was extremely valuable to see the state of development in this field in a number of different locations. Engineering education at Adelaide University has always been based on a number of central elements. These include a strong base in mathematics and the basic sciences and a rigorous treatment of the fundamentals of the discipline. These basics form the foundation for the discipline-specific aspects of the particular field of engineering being studied. In addition, we have always believed that the integration of theory with practice is critical, and that this is best achieved through laboratory-based work and practical exposure to industry. All of these aspects were reinforced by the visits made on this trip.

Critics of engineering education often say it is narrow and vocationally focused. I find such criticisms difficult to comprehend, my own view being that it offers one of the broadest educations available at University. What other field of study educates the student in mathematics and the basic and applied physical sciences, management theory, eco-

nomics, ethics and the environment, as well as many other discipline-specific areas? The breadth of this education is seen by the large percentage of engineers who ultimately find employment in areas quite unrelated to their initial field of study.

The detailed development of the curriculum for the undergraduate degree in Petroleum Engineering will begin shortly. I believe it will probably be the broadest of our engineering degrees. The foundation education in mathematics and the basic sciences will again be critical. Integration with geology and geophysics will also be essential. The degree will, however, also need significant input from Chemical, Civil and Mechanical Engineering, as well as Computer Science, Management and Economics. Putting this all together in a logical structure will be a significant challenge.

The Petroleum Industry is international, and a detailed understanding of the cultural aspects of working in a range of countries will be important for graduates. Another reason for the recent tour of international Departments of Petroleum Engineering was to investigate possible linkages and student and staff exchange schemes. One advantage of developing a curriculum from scratch is the potential ability to integrate with international partners, thus facilitating study abroad options for students.

Next year will be a busy and exciting time as we recruit staff and design curricula. For me, it is a unique opportunity to build such a School from scratch. The breadth of the discipline, however, means that many areas of the University will benefit from the development.

Celebrating
125
years

FROM NEAR AND FAR

Gordon Barrett QC practises law from Chambers in Adelaide named after Dame Roma Mitchell. Much of his work is involved in the area of Criminal Law. He graduated LLB in 1972 and BA in 1978. His languid interests are reading, listening to music and lurching. More active is his participation in annual cross-examination workshops for psychology postgraduates at the University of South Australia.

I suppose a 30-year-old memory of University life (or anything else for that matter) is an awkward one, lacking the reasonable reliability of a 5-year-old memory and the frightening acuity of a 50-year-old one. Still, death and dotage will protect it from most would-be litigants.

Law freshers in 1967 took their lectures for the first term or so (I don't recall the expression "semester" being common then) in the ground floor of the Napier Building; the new Law School Building (not as yet named the Ligertwood Building) not being quite completed. It turned out to be quite a pleasure to study in a purpose-built structure all to ourselves, even if the architects' attempts to create an harmonious ménage à trois between the 30s gothic revival of the Bonython Hall to the west and the 50s modern of the Napier to the north had not been entirely successful. How could it be? The students of that year dubbed the large pool that had

been built in the middle of the quadrangle outside the Law School the Lord Denning Pool, after the then terribly popular Master of the Rolls. More on his Lordship later.

The relatively new Challis Professor of Law, Professor (later Judge) Rogerson headed a fairly diverse staff—some, like him, from Oxford, some native Australians who qualified locally, and there were some early signs of natives who had trekked to Chicago to take their JDs (Doctor of Jurisprudence). There was one anyhow in the form of Professor Alex Castles. Although women were either numerically equal to men that year, or nearly so, the staff were disproportionately male. Lecture styles varied from the dashing Brian (later Judge) Greaves who dictated his lectures, occasionally adding punctuation for diversion, to Professor Castles who, with a roll in front of him, managed to give all of us the Socratic opportunity to learn (and teach) by displaying a grasp of legal principle in apparent answer to his questions. Other styles were memorable too. There was the Olympian style of Professor Daniel O'Connell whose two volumes of International Law were the Law School's claim to world recognition. They were of course compulsory texts. His authority on matters international was underlined by his occasional references to his intimacy with the Emperor Haile Selasse of Ethiopia whose international law problems he



Gordon Barrett

occasionally had to fix. Ivan (now Professor) Shearer's career had taken a geographically similar path. He had spent much time helping draw up the constitutions of quite a number of emerging African republics. It was all pretty heady stuff but somehow I knew my own career was never going to be that cosmopolitan. I studied International Law in 1969 and I remember Professor O'Connell being not so much cross as entirely dismissive when a group of us was late for one of his lectures because we had stayed too long outside a shop in Rundle

Street watching a TV set in the window broadcasting the moon landing. I can't recall whether it was actually the landing itself or some of the fairly inane goings on of the astronauts. If the latter lacked any sense of gravitas, it was compelling watching. O'Connell doubted that anything space travel might offer could compete with the importance of earthly law—particularly of the international variety. I also remember him confiding in us in a tutorial how completely irrelevant to, if not entirely opposed to, Australia's interests it was for our Government to officially recognise China. The possibility of a Federal Labor Government did then seem remote.

It is invidious but inevitable to select only a couple of lecture reminiscences. Brent (now Professor) Fisse fascinated us in his criminal law lectures by postulating amusing and, it seemed, preposterous hypothetical fact situations to illustrate legal principles. After many years practising criminal law I can say that the preposterousness of his examples is more than matched by real life cases. I would simply not expect to be believed if I recounted some of them. We had to make several difficult choices between optional subjects. I would in any event have missed out on having Dr John Bray as Roman Law lecturer because he became Chief Justice in 1967 and gave up lecturing in it.

Continued Page 6

Campus Watch raises awareness

THE Adelaide University community is working on a new model to promote safety and security, based on the Neighbourhood Watch program.

Campus Watch is a program supported by the University's Security Services, the Students' Association, the Adelaide University Union and the SA Police.

The organisers are seeking staff and student participation in Campus Watch, which is planned to begin next year.

Campus Watch would involve pairs of volunteers, with radio contact to Security, patrolling the grounds of campuses during the hours of 10.00am-4.00pm.

The volunteers' duties have not been finalised, however they will provide a visual presence and work on 90-minute shifts.

It is expected that trained Campus Watch volunteers will provide safety and security information to staff and students, assist in detecting potential criminal acts and undertake "physical safety audits" that identify blind corners, poor lighting, dense vegetation and other areas of concern.

Students' Association Project/Research Officer Phil Harrison, responsible for developing Campus Watch, said the program was primarily aimed at attracting students, but staff were welcome to become involved.

"The issues being dealt with through Campus Watch affect the whole University community and its success will be dependent on the support and commitment of staff and students," he said.

"Staff of the University would provide continuity to the program and it is anticipated that recognition of involvement will be negotiated along the same lines as the confirmed recognition for student involvement.

"The primary aim of Campus Watch is to raise the level of awareness about security issues in a manner acceptable and appropriate to the University community.



"The University's Security Services will oversee the program and will, obviously, retain primary responsibility for security issues on campus."

A draft discussion paper is located at: <www.adelaide.edu.au/AUU/services/associations/saua/campus_watch.html>. Comments can be directed to <phil.harrison@adelaide.edu.au>.

Students win under new deal with TAFE

ADELAIDE UNIVERSITY and South Australia's TAFE sector have signed an agreement to work closer together to provide benefits for both students and staff.

The Memorandum of Understanding was signed at Adelaide University on 16 November by the Vice-Chancellor, Professor Mary O'Kane, and the Chief Executive of the SA Department of Education, Training & Employment, Mr Geoff Spring, pictured with Deputy Vice-Chancellor (Education) Professor Penny Boumelha.

The agreement pulls together Adelaide University and TAFE in a bid to improve services in a wide range of areas. These include:

- greater ease of admission, recognition of credit for prior learning, and more chances for students to move from one institution to another;
- collaboration on curriculums, creating new education and training pathways for students, improving opportunities for vocational training and providing more flexible learning opportunities for students;
- sharing of resources between TAFE and Adelaide University, cooperating on course delivery, and sharing facilities, expertise in teaching and technologies;
- working together to achieve a big-



From left: Professor Penny Boumelha, Mr Geoff Spring and Professor Mary O'Kane. Photo: David Ellis

ger international profile;

- collaborating on research and consultancy work.

Vice-Chancellor Professor Mary O'Kane said the new deal with TAFE was an important one for both institutions.

"We're recognising that we need to work closely together to provide educational opportunities in this State and improve the access to post-secondary education and train-

ing," Professor O'Kane said.

"This agreement will have positive outcomes for both students and staff alike.

"We regard ourselves as an excellent educator renowned throughout Australia and even overseas. By bringing Adelaide University closer together with TAFE, we can take further steps to improve the quality of our educational services."

—David Ellis



Hard Work for a Bright Future

Have you ever, in a fit of spring cleaning fervour, examined your favourite curtains only to find them faded beyond repair? And then, as you sadly toss them in the bin, have you wondered if technology will be invented that will reverse or prevent fading?

Adelaide, potentially, has a problem with fading.

While cities like Sydney and Melbourne thrive and become increasingly part of the global picture, the capitals of the "small" States seem to be fading from international view. Adelaide, for example, is not a feature on international weather charts. Will cities such as Adelaide just fade away?

There are many people in Adelaide who generously give a lot of time to ensure that Adelaide has a bright future. Groups such as Business Vision 2010 have worked hard on this issue and their work makes certain things very clear.

Adelaide is not going to figure prominently on the world scene because of its size. Major population growth is not a likely feature of the immediate future. And Adelaide is not a major economic centre. So there is not a lot of money to fix the future through lavish spending. It seems that Adelaide will ensure its future by making the most of its distinctive features where it is an international leader.

Adelaide has put a lot of effort into building information technology industries in recent times but South Australia's general purpose information technology is not obviously better than that of Sydney, Melbourne or Brisbane. But Adelaide does have one significant advantage. Thanks to the presence of the Defence Science Technology Organisation and associated industries, and thanks to some very strong research, not least in our own University, Adelaide is the signal processing capital of the southern hemisphere with a very high technology electronics base.

I was delighted in preparing the after-dinner address for the Electronics Industry Association dinner recently to come to understand just how this industry is bringing together a myriad of small and medium firms, and the small number of large firms, into a cohesive industry that will make use of this distinctive feature of Adelaide's technology base.

The wine industry is another area of international distinctiveness connected to the State's traditional strengths, as are the areas of food, mining, the environment and education.

Adelaide's areas of strength tend to be "knowledge intensive". I've often pointed out that the University's strengths match the State's strengths and this gives me great heart for the future of the State and the University.

I've also often noted that the University has great strengths in the biological sciences. But sometimes it's easy to be complacent. We recently had a review of the biological sciences and while it confirmed this area was indeed strong, it also showed that we could improve. The review showed that we need a greater focus on students and to be better organised to support students and research. It suggested that we should grow a couple of new sub-disciplines.

To me, it was a reminder that ensuring a bright future is not always easy and requires constant re-examination of what we are doing. We now know that in the biological sciences we haven't rated too badly on an international scale, but it is clear we have hard work to do.

I feel heartened that Adelaide can save itself from fading from international view. But I am also reminded that securing a brighter future is neither a trivial nor an easy task.

MARY O'KANE



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Green & Gold cooks up cultural history

FOR MORE than 75 years, *The Green and Gold Cookery Book* has been a feature of household life in South Australia.

First published in 1923, it has sold more than 400,000 copies and influenced the cooking practices of thousands of people.

Today, it remains determinedly old-fashioned and is consulted more for its nostalgia value than its culinary guidance.

But the book has a deeper significance that also deserves attention, according to Julia Pitman, a PhD student in Adelaide University's Department of History.

She argues that the *Green and Gold*, which was started by four women from the Congregational and Baptist Unions as a fund raiser for King's College (since incorporated into Pembroke School), offers a window into Christian citizenship and material culture in South Australia.

Ms Pitman has explored the book's history as part of her PhD research into the involvement of women in the Congregational Union.

"*The Green and Gold Cookery Book* was one of many objects with which white, middle-class Australian women interacted in

their everyday activities.

"It shaped and reflected cooking practices, it influenced purchasing practices, it was exchanged as a gift between women.

"The cookbook provided a forum for women to contest their roles in society.

"Purchase and use of *The Green and Gold Cookery Book* provided an opportunity for women to make a contribution to the development of Christian citizenship in South Australia's rising young leaders, both their own, through their everyday use of the book in the kitchen, and those who attended King's College, through the purchase and distribution of the book."

The original book was the brainchild of Annie L Sharman of the South Australian Gas Company.

She proposed it as a means of raising funds for King's College and, with three other women—Mrs CR Morris, Mrs G McRitchie and Mrs EF Benskin—presided over publication of the first edition.

Even in the 1920s, some of the recipes were dated, according to Ms Pitman.

"American breakfast cereals were influencing Australian food habits

but the *Green and Gold* offered recipes for cooked breakfasts.

"It was a conservative book. It preferred to provide tried and tested recipes than introduce new trends."

Ms Pitman said the *Green and Gold* was part of a larger project to create women who would be efficient, maternal citizens, offering an opportunity for women to negotiate and stretch the limits of their roles in society.

"Part of my research is investigating how the Congregational Union women provided a forum in which women could think about their roles in society, particularly about housewifery and roles outside the home as spiritual vocations."

Ms Pitman said the *Green and Gold* had sought to influence the eating habits, the domestic practices and the piety of Australians.

"Through production and interaction with the book, a distinctive form of maternal citizenship was woven. Through production, purchase and use in the home, women negotiated a feminine, South Australian, Christian identity and gave expression to a religious and social consciousness."

—John Drislane



Julia Pitman with a copy of the Green & Gold. Photo: John Drislane.

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THE UNIVERSITY OF ADELAIDE

Appointment a major step in review

MR ANDREW BARTLETT has been appointed the University's Manager of Laboratory Animal Services out of a strong field of interstate and local candidates.

Mr Bartlett is well known and popular around the University, having been employed here since 1978 in a range of technical, administrative and facility management roles. He is a graduate in management and holds qualifications in animal care, an area in which he lectures to TAFE students.

Formerly Business Manager for Laboratory Animal Services, Mr Bartlett had been the acting director pending the implementation of an external review carried out late in 1998.

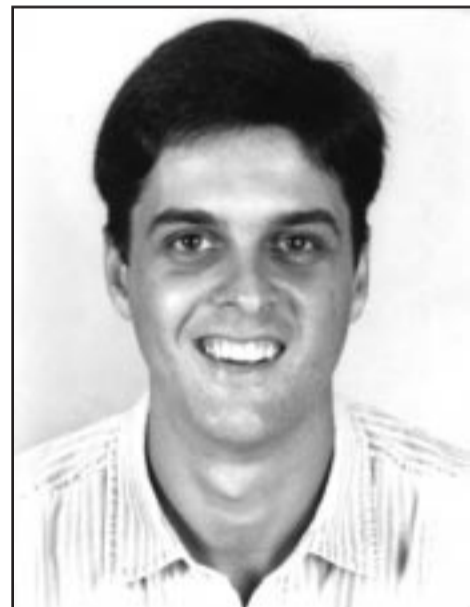
The review, led by the Chancellor of La Trobe University, Emeritus Prof Nancy Millis, confirmed that the University's policies and practices in relation to animal welfare and ethics

were appropriate to a leading research institution and complied with the National Code of Practice.

It recommended several constructive changes, such as: the appointment of an Animal Welfare Officer as an additional safeguard, ensuring the continuation of the University's standing as a leader in the care and management of animals used for research purposes; and the formation of an Animal Services Advisory Committee, consisting mainly of users to advise the Deputy Vice-Chancellor (Research) and the Manager on broad issues and directions.

The review report has been widely distributed but an electronic copy may be obtained by phoning ext 33242 or email <peter.franklin@adelaide.edu.au>.

—Peter Franklin
Executive Assistant to the Deputy Vice-Chancellor (Research)



Andrew Bartlett.

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Stress: it can be a real headache

HEADACHES cause distress and discomfort to hundreds of millions of people around the world.

And although we know that in most cases a simple tablet or capsule will help remove the pain, scientists still know relatively little about the causes of headaches, including the suspected link between headaches and stress.

In a new study at Adelaide University, Psychology researchers are applying recent advances in the understanding of human stress and pain systems to examine how stress affects headaches.

The research team, headed by Clinical Senior Lecturer Dr Donald Pritchard and PhD student Mr Stuart Cathcart, is studying the effects of stress on the complex neuro-muscular and sensory systems in the head.

"Stress is commonly thought to be a contributing factor to headaches," Mr Cathcart said.

"One theory is that when some people suffer stress the muscles around the head remain contracted, eventually causing pain.

"However, scientific studies over the last 40 years have suggested that while this may be true in some cases, in many people muscle contraction is not the main factor in the relationship between stress and headaches.

"Stress is also known to affect the processing of pain in the central nervous system," he said.

The research project is the first of its kind to examine the impact of stress on



Mr Stuart Cathcart and Dr Don Pritchard demonstrate one of the tests used in their research.

pain processing in the central nervous system as well as in the muscles in headache sufferers. It's hoped that the findings will aid future treatment and prevention of headache.

The team is now calling for volunteers—both those who suffer headaches and those who don't—to take part in the study.

Most of the sessions will take one hour and will involve assessing various aspects of stress and sensory process-

ing. Volunteers will also record their headaches in a diary for two weeks.

"Previous volunteers have gained some insight into their headaches from using the diary. It will be very important for us to gather as much information as we can for the study, and we'd appreciate as many participants as we can get."

Anyone interested in volunteering can call 8364 0040 or email <uahms@hotmail.com> for more information.

—David Ellis

Café Endeavour

COFFEE AROMAS will be wafting across the Hughes Plaza over the coming months emanating from "Café Endeavour".

Café Endeavour will be another initiative of the Project Endeavour Team to provide Adelaide University staff with an opportunity to access information about our new systems and business processes.

The aim is to create a casual, relaxed environment where staff are able to discuss and access relevant information about Project Endeavour, its implications and benefits.

Each of the Project Teams (HR/Payroll, Financial Systems, Student Admin and Research) will be rostered to serve in the Café on Wednesdays from 12.00pm to 2.00pm over the coming months. Staff will see the new systems and be able to ask questions.

Café Endeavour will be set up in the north-eastern corner of the Hughes Plaza. "Shout a colleague" a free cup of coffee and find out more about this very important project.

—Bob Jones
Organisational
Change Management

Real world learning for Adelaide politics students

A PRISONER, a prison guard and a leading advocate of euthanasia are just three of the guest lecturers who have spoken to Adelaide University students this year in a bid to teach students about the "real world" behind the theory.

The students were all studying the first-year Politics subject "Justice, Law & Society", dealing with issues of ethics, law, political theory and practice.

As in previous years, Lecturer Dr Vicki Spencer invited a number of guest speakers to give the students greater insight into the issues they study.

The man at the centre of the euthanasia controversy in the Northern Territory, Dr Philip Nitschke, gave a guest lecture in September to 250 students.

Dr Nitschke spoke about his experiences with the Northern Territory Terminally Ill Act, the Senate's overturning of the Act, and his more recent work in setting up clinics to give advice to terminally ill patients.

He described the current situation—without euthanasia legislation—as being akin to a "jungle". He said those with "friends in the right places" could get access to the information and drugs to assist them in their desire to end their lives, but not so the average person.

Dr Nitschke said his main desire was to take control over the decision of life or death away from the medical establishment and place it in the hands of the patients.

"The students—both for and against euthanasia—were enormously impressed by Dr Nitschke's clarity, his lack of medical jargon, and the fact that he addressed the moral, political and legal issues relevant to the subject," Dr Spencer said.

"Above all they were struck by his passion, openness and honesty."

A very different guest lecture was held last month, this time given by a prison guard from

Adelaide's Yatala Labour Prison, Mr David Sly, and an inmate on day release from Yatala. [For ethical reasons, the *Adelaidean* will not name the prisoner.]

This frank discussion touched on the important issue of conditions in prisons and their effects on both officers and prisoners.

Mr Sly discussed the change in prison culture over the years from an officer's perspective. He said many of the "power hungry" officers of the past had now been weeded out, although an underlying climate of fear still existed within prisons. He also discussed the prisoner riot at Yatala in May 1996 and the devastating impact it had on prison officers and inmates alike.

On the positive side, he believed that some prisoners had benefitted from the cognitive skills program he used to teach at Yatala, although those programs had suffered from funding cut-backs.

The prisoner invited questions from the students. Many of these questions reflected a depth of understanding about issues of justice, although many were given very simple, realistic answers.

He discussed in greater detail the climate of fear within prisons, the lack of any real rehabilitation for offenders, the proliferation of drugs, and gave his thoughts on what kinds of offenders should and should not be locked up.

"The point for the students is to get a first-hand insight into the issue of prisons—something they have no real idea or experience of," Dr Spencer said.

"The educational value of this experiential 'hands-on' exercise is enormous for students studying theoretical issues about justice; only a prisoner or ex-prisoner could provide this kind of valuable information."

Dr Spencer said she would continue to challenge and excite students by inviting other guest speakers to provide a "real world" viewpoint.

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GriefLink goes on line

A NEW Web site will help ease the isolation of grieving people and provide practical advice and contacts for people in grief.

The site—GriefLink—is a project of the National Association for Loss and Grief and was developed by Adelaide University's Department of General Practice under funding by the SA Department of Human Services.

GriefLink is aimed at bereaved individuals and families, friends and carers of the bereaved, support groups, health professionals and educational institutions.

It provides information about different death-related grief topics, such as the death of a child, and contact details for support services.

<http://www.grieflink.asn.au>

Whiplash study aims to identify risk, reduce cost

WHIPLASH injuries are the focus of a new internationally funded study led by a collaborative team at Adelaide University.

The team has been awarded more than \$45,000 by the Physical Medicine Research Foundation in Canada to identify the risk factors which lead to prolonged disability from whiplash.

Whiplash injuries are extremely common—particularly in motor vehicle accidents—and in many cases insurance and treatment costs have exceeded \$1 million per patient.

Little is currently known about the reasons why some sufferers of whiplash recover quickly while others can have lengthy, sometimes permanent disabilities.

It's hoped that by identifying the major risk factors, people who are at risk of developing chronic symptoms could be targeted with specific treatment programs, thereby improving the cost-effectiveness of treatment and the quality of life for patients.

The Adelaide research team is headed by Dr Orso Osti from the Department of Orthopaedic Surgery & Trauma at The Queen Elizabeth Hospital, Dr Richie Gun from the Department of Public Health, and a physiotherapist, Mr Grant Taylor.

Ms Alison O'Riordan, a lecturer with research interests in the biomechanics of sports injuries, has joined the group as project manager.

In a preliminary study Dr Osti and Dr Gun examined SGIC insurance records of 600 randomly selected claimants for whiplash injury. Statistically, several factors seemed to have an association with long-term sufferers of whiplash.

These included: prior disability, early presentation to a hospital, front-end impact col-

lision, seeking consultation with a physiotherapist or a chiropractor, consulting a lawyer, and having a concurrent workers' compensation claim.

In the next phase of the study, whiplash victims are to be recruited from medical practices and hospital accident and emergency departments soon after their injury. Each subject will be monitored over a 12-month period to help identify factors associated with lengthy recovery.

As well as the factors noted in the earlier study, Dr Osti and Dr Gun will examine how the subjects' physical, emotional and social functioning influence the outcome.

"On the surface, there appears to be no clear reason why many sufferers do not recover relatively quickly from their whiplash injury," Dr Osti said.

"There is no overt pathology—no obvious neurological deficit, and frequently there are no abnormalities to be found on x-rays or CT scans.

"Although doctors have traditionally had limited success in treating whiplash injury, a number of promising treatments have been explored here in Australia, most notably programs of cognitive-behavioural treatment.

"But such treatment programs are expensive, so if we can identify those people who are at risk of developing long-term disabilities from their injuries we can direct such programs at them and them only.

"This project could have major ramifications for the insurance industry world wide, and it could potentially save millions upon millions of dollars in treatment and insurance costs," he said.

The project is expected to be completed at the end of 2001.

FROM NEAR AND FAR cont...

The civilising effect of the new *Family Law Act of 1975* was no more than a dream of Lionel Murphy's in the late 1960s. We spent our time immersed in the complexity of the 13-odd matrimonial offences among which you could search for a ground for divorce. The only civilised ground for divorce which had been introduced by Attorney General Garfield Barwick in his 1959 *Matrimonial Causes Act* was that of separation for five years. Critics of Murphy who accuse him of introducing no fault divorce are ignorant of the pre-existing ground of separation. Despite that, the matrimonial offences proved the most commonly used grounds for divorce because proof of fault carried with it advantages in terms of property settlement, costs, and even custody of children.

Law students tended to be clannish and somewhat separate socially from the rest of the University. Only medical students were more so. Within the faculty we attended what were described as "smoke socials" where we at least learnt the limits of drinking capacity even if we chose to often exceed them. Dress for male law students tended to include jackets and ties and women observed a similar conservatism. Medical students were much the same but unlike them we habitually carried umbrellas at the slightest suggestion of rain.

Notwithstanding that, we had our pies and chips with everyone else in the refectory, drank off-campus by necessity, usually at the Richmond Hotel, and

watched lunch time movies in the Union Hall. Some of us went to any political debate or talks we could and some of us took part in anti-Vietnam demonstrations. I remember speeches by the then president of SDS (Students for Democratic Action), Peter O'Brien, on the Barr Smith lawns and on demonstrations. I remember none more articulate and passionate than this. I was surprised to find years later when he was a friend and neighbour that his well-known wide reading and photographic memory left him with an admiration for the novels of, among others, Jane Austin.

I was a member of the University Debating Society. We debated on and off campus but I can recollect only one off campus debating venue—Yatala Labour Prison. We sometimes (or was it usually) lost to the Yatala team, but we consoled ourselves by acidly reflecting that their team had more time to practice.

Many of us had won Commonwealth scholarships and so our fees were covered. Less commonly than now I suspect, not many students worked during term time although I guess most worked over the holidays. I worked during term time in the Barr Smith and the Law School libraries and as a waiter at the South Australian Hotel.

I return to Lord Denning. His Lordship had been a judicial member of the House of Lords for a while until 1962 but was not universally admired in judicial circles for, amongst other things perhaps, his tendency to work

his way round (some said ignore) apparently binding precedent, if in his view the justice of a particular case could not be found by following it. Judges sometimes find themselves in that position and their response varies but His Lordship's response was to step around awkward precedent with particularly elegant appeals to common decency. It was thought that if he were demoted to the lower Court of Appeal (albeit that as Master of the Rolls he was effectively head of it), he might change his manner or at least be less effective at it. This turned out not to be so and he continued to draw popular attention in the way he had always done. Law students, even in faraway Adelaide, tended to be Denning groupies. Some of us were not entirely sure what to make of Denning sceptics like the fresh from Oxford wunderkid, John (now Associate Professor) Keeler. Denning sceptics had a hard time of it when Lord Denning himself descended on Adelaide as guest speaker and all round shining star of the Commonwealth Legal Conference in 1968 or thereabouts. I went to the opening ceremony at the Adelaide Town Hall. By then I had never been to a University Commemoration Ceremony but even when I had, the splendour of the entry of the Judges into the Town Hall remained unforgettable. Not only were the robes vivid and exotic but so were some of the overseas Judges wearing them. The analogy with that remarkable ecclesiastic fashion parade in Fellini's film

Roma was striking. That heretical parade began with the latest outfits for novice priests and ended with the last word in Pope-wear. In Adelaide the junior bar entered first and the Master of the Rolls brought the procession to a climax in shimmering gold on black. The detail of His Lordship's speech is lost to me but the delivery was electric. I think Denning scepticism won in the end, but it was many years before it did so. The tendency of legal reasoning to depend on what an individual Judge sees as the justice of the matter at hand leads to judicial idiosyncrasy which cannot always be attractive, however elegantly done.

I graduated in law quite unsure whether I would find legal practice congenial. I was lucky and I continue to find it so. Because I had always wanted to study English, I returned to take up English and Aust. Lit. part time with no idea whether I would manage to complete the Arts Degree. It proved so enjoyable that I took the degree after adding politics to the literature. As an after-hours student working full time I entirely missed the social life of the University. Selective memories include great lectures on Partick White by Professor Colmer and wonderful discursive tutorials with Kevin Magarey.

I have the fondest memories of my times at Adelaide University and hope that larger classes and greater financial and vocational pressures on present day students do not prevent them having a comparable experience.

Fisher Lecture: genetics 'patching' up cancer

THE patched gene and its role in cancer was the subject of the 1999 Sir Ronald Fisher Lecture recently delivered at Adelaide University by geneticist Professor Brandon Wainwright.

The annual lecture provides a forum for a distinguished scientist to present work in the areas of genetics, statistics or evolutionary biology.

An Honours and PhD graduate of the University's Department of Genetics, Professor Wainwright is Deputy Director of the Centre for Molecular and Cellular Biology and head of the Cooperative Research Centre for Genes for Common Human Diseases, both located at the University of Queensland.

Professor Wainwright's lecture was entitled "Patching up cancer: The patched gene pathway in cancer and development".

It has been demonstrated recently that the patched gene is mutated in common forms of cancer and other

members of the pathway are implicated in developmental anomalies. Elucidation of the exact nature of this pathway will impact not only cancer and genetic developmental anomalies but will also have implications for the control of normal tissue growth and repair.

The discovery of the pathway in mammals by Professor Wainwright's research group illustrates the important emerging theme that basic developmental pathways are conserved widely through evolution and that perturbing them in humans can result in cancer and common developmental anomalies.

During his visit, Professor Wainwright also presented the annual Crown Scientific Genetics Prize to Ms Janet Wong. The prize is awarded to the highest-ranking Honours student in any year who goes on to enrol in PhD studies in the Department of Genetics the following year.



Professor Brandon Wainwright presents the Crown Scientific Genetics Prize to Ms Janet Wong. Photo courtesy of Genetics Department.

Mawson letter sold at auction

A LETTER written by Antarctic explorer and Adelaide University scientist Sir Douglas Mawson has sold at auction for \$6000.

The letter was dated 21 June 1913 and was written at Mawson's winter quarters at Commonwealth Bay. It was addressed to the then Lord Mayor of Adelaide, Mr Allen Simpson, thanking him for his "kindhearted and generous support" of Mawson's current expedition.

Six months earlier, Mawson had narrowly escaped death when he plunged into a crevasse. Two of his companions, Mertz and Ninnis, had already died in the harsh Antarctic conditions. Although he survived the journey back to base camp, Mawson arrived just in time to see his ship leaving without him. He was forced to spend an extra winter in Antarctica, and it was during this bitter stay that he wrote the letter of appreciation to Simpson.

The envelope is dated 26 February 1914—the day Mawson arrived back in Adelaide.

Valued at between \$2000 and \$2500, Mawson's letter went on auction as part of the annual picnic of the Waterhouse Club on 14 November. The letter, which has remained in the Simpson family for 85 years, was donated to auction by Simpson's grandson and current president of the Waterhouse Club, Mr Antony Simpson.

Mr Bob Harnas, a builder from Uraidla in the Adelaide Hills, made the winning bid of \$6000 for the letter. He said he was excited



by the purchase because of the letter's great historical value.

Proceeds of the auction were donated to the South Australian Museum. Mr Harnas also announced that he would loan the Mawson letter indefinitely to the Museum so it could go on display to the public.

The Mawson Antarctic Collection is currently housed and cared for at the Coach House on Adelaide University's Waite Campus. A permanent Mawson gallery is being established at the SA Museum as part of a joint project between the Museum and the University.

Environment conference a first for students

FOR THE first time, Adelaide University postgraduate students working in environment-related research have been brought together in the one conference.

Organised by Dr David Walker of the Department of Civil & Environmental Engineering, the recent conference gave participants a taste of the wide range of environmental research being conducted in 31 University departments.

Students presented papers on a diverse range of subjects.

Mr Matthew Thomas (Geographical & Environmental Studies) discussed how greater emphasis on dialogue in education may be necessary if people are to act towards a more ecologically sustainable society.

Mr Marcus Beresford (Law) argued that more effective democratic participation in decision and policy-making processes under environmental law in South Australia was essential to people's acceptance and understanding of ecologically sustainable approaches.

An example of how far we must go towards a more ecologically sustainable lifestyle was offered by Mr Philip Nicholls (Geographical & Environmental Studies) in his account of the history of rubbish dumps. He argued that Adelaide now has landfill sites approved for large-scale dumping well into the foreseeable future, and it is disturbing to consider what that may mean for waste minimisation or recycling.

Many could relate to Brydie Hill's (Environmental Biology) fascinating discussion of the effects of brush-tail possums in the suburbs. A survey of nearly 2000 households found only 6% felt them to be a nuisance to the point that they would be happy to see them destroyed. Only 23% overall felt them to be nuisance, of which 5% did not actually have possums and may have had problems from other sources, such as rats.

The multi-disciplinary conference was deemed a major success, and another is planned for 2000.

Electronics industry meeting

MORE THAN 40 executives and senior managers from the electronics industry recently attended a Capability Seminar at Adelaide University's Department of Electrical & Electronic Engineering.

Guests were shown around the newly-opened engineering building and briefed by staff and postgraduate students on current research projects.

Programs on offer at the University were outlined by the Head of the Department, Dr Tony Parker, and by Professor Jesper Munch from the Department of Physics.

Business Development Manager with Luminis Mr Paul Szuster detailed the role of Luminis in

providing links between industry and academia, while Des Masters from the Office of Industry Liaison spoke about graduate employment programs.

Mr Ron Grill from the Electronics Industry Association said there was clearly a strong desire on the part of both University staff and commercial interests to learn of one another's research and training activities.

He said one immediate outcome of the seminar would be the addition of research and development sections to the Association's website and quarterly newsletters. These would provide opportunities for the University to promote relevant activities to the industry, he said.



Barr Smith Library Tours

The Barr Smith Library is offering free 30 minute guided tours on the first Thursday of every month.

These tours are ideal for staff, postgraduates and alumni who use the library. Familiarise yourself with the layout, collections, resources and services of the Barr Smith Library. Your guide will give you a Library Information Kit to keep for future reference.

Telephone: Jennifer Osborn, Reference Services Librarian, 8303 3706 or email <josborn@library.adelaide.edu.au> to make arrangements. Maximum of 12 per group.

CORNELL CHAPTER OF THE ALUMNI ASSOCIATION

(Arts and Performing Arts alumni)

Notice of Annual General Meeting

The Annual General Meeting of the Cornell Chapter will be held at 12 Noon, on 10 December, 1999 in The University of Adelaide Staff Club. All Welcome.

Tim Mares, Chair

Visit the alumni web site at:

<<http://www.adelaide.edu.au/alumni/>>

for details about the Association, how to join, news on current and coming events, and more.

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Reminder:

The next issue of the *Adelaidean* (13 December) is the final issue for the year. Classifieds and editorial must be received no later than Thursday, 2 December 1999.

For more information phone the Media, Marketing & Publications Office on 8303 5174. Email classifieds to <julie.ryke@adelaide.edu.au> and editorial to <john.edge@adelaide.edu.au>.

Heritage listing for memorials

THESE STATUES of two great figures in Adelaide University's 125-year history have become the latest additions to the State's Heritage listing.

Located on the University's grounds on North Terrace, the memorials to Sir Walter Watson Hughes (right) and Sir Thomas Elder (below, right) were "deserving of their place in the State Heritage Register", said the presiding member of the State Heritage Authority, the Hon Rod Matheson QC. "They are memorials to men who contributed significantly to the economic development of colonial South Australia and to the education of its citizens. The University of Adelaide is one of their great legacies to South Australia."

Hughes, born in 1803, made his fortune when copper was discovered on his property at Wallaroo.

Generous with his money, in 1872 he proposed a donation of £20,000 to the Union College of Adelaide. This led to the founding of Adelaide University in 1874.

The statue of Hughes can be found outside the University's first building, the Mitchell Building.

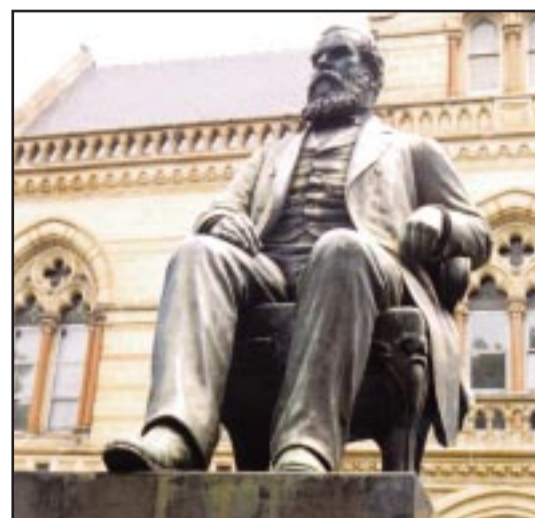
Elder, born in 1818, became wealthy through trade and commerce and was a partner in Elder, Smith & Co, in its day one of the largest wool handling companies in the world.

Elder was a major benefactor of the University, contributing £103,000.

He donated £21,000 alone to set up the School of Music, which later became the Elder Conservatorium, the first of its kind in Australia.

The Elder statue is located at the centre of Goodman Crescent, outside Elder Hall.

—David Ellis



December graduations are coming

THE FIRST of Adelaide University's December graduation ceremonies will be held on 17 December in Bonython Hall.

This ceremony is the pilot in preparation for next year's major change, when the main annual graduations are held in summer rather than the following autumn.

Adelaide University will become the first South Australian university to hold its main graduation ceremonies in summer.

The change will allow local and international students to graduate together within weeks—rather than months—of completing their final exams in November.

On Friday, 17 December, around 300 undergraduate and postgraduate students from Commerce, Dentistry and Medicine will be the first to grad-

uate under the new scheme.

Next year, 2000, the April/May graduation ceremonies will still take place, but there will be no October ceremony. From 2001 there will be two opportunities in the year to graduate—the main round in December and a period earlier in the year which is yet to be determined.

Meanwhile, the fourth group of Chinese officials who have been studying at Adelaide University for the Graduate Diploma in International Economics will unofficially graduate on Monday, 29 November—just one day before they return to Beijing.

The AusAID-funded students, part of an ongoing and successful training program run by the University's Centre for International Economic Studies, will be unable to attend next year's official graduation ceremony.

ACCOMMODATION

ADELAIDE: Person to share modern, fully furn city apartment. Secure parking and electricity incl. Female pref. \$110 pw. Ph 0410 418 332.

ADELAIDE: Garden East (100m to Rundle St), luxury 2 year old unfurn 3 br apartment, 2 bathrooms, 2 balconies, b-ns, r/c air cond, video security system, undercover, secure parking & storage. \$400 pw. Long term lease poss. Ph 0417 860 701.

ADELAIDE: SE corner, tree-lined street, walking distance to CBD. Heritage-listed cottage, 2-3 br, paved rear courtyard, air cond, furn, avail now. \$240 pw. Ph 8223 6398.

EASTERN SUBURBS: Person (non smoker) to share furn house with present tenant. Own br/lounge/ phone, all mod cons, lock-up garage. \$90 pw. Ph 8332 9973.

HENLEY BEACH: Spacious, renovated villa, 80m beach, 3

br, 2 bathrooms, study, lounge & family rms, air cond, d/w, unfurn, avail Jan. Ph 8356 8390 evenings.

KANGAROO ISLAND: Holiday retreat. Vacant Dec-Jan, suit non-smoking couples, magnificent views, min one week. Ph 8362 3698.

SECOND VALLEY: Modern, comfortable holiday house avail during Summer holidays for weekly rental. Views, easy walk to beach, sleeps 5. Ph Dianne 8379 6510.

SOMERTON PARK: Luxury apartment sleeps 6-8, 2 br, 2 bathrms, lge living areas, fully equipped kitchen/laundry, r/c air, courtyards, u/c parking, 15 mins to Jetty Rd, boat avail. Ph Sue 0419 818 776.

SWITZERLAND: Furn flat 4km from Interlaken, on lake with view of Alps. 2 br, lge lounge, can sleep up to 6, avail for one week or more. Ph Liliane 8362 4243.

WANTED: Young family seek 3-4 br house with all mod

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cons in the Easter/inner city suburbs for 6 months. Up to \$300 pw. Ph Jay 8303 4073 or 8289 6234 (ah).

WANTED: Person requires living space Jan - Mar - house sit (plus pet sit) or rent self contained accomm. Ph 0413 754 129 or email: <j9peacock@compuserve.com>.

WANTED: Furn accomm for prof couple from 5 Feb - 4 Mar. Eastern suburbs house pref, but other considered. Ph 8303 4498 or 8362 2820.

FOR SALE

CHILDREN'S ITEMS: Clothes (mainly designer), toys (incl Jigsaw, Fisher Price, etc), books & tapes. Baby to 10 years. Ph 8332 3040.

DOG KENNEL: Lge, as new, \$60. Ph Jean 8291 4111.

FORD FALCON: XE 83, very

reliable, 155,000km, air, new radiator, auto, tow bar. ULZ 407. Ph Inge 8338 4825 (ah).

MACINTOSH COMPUTERS: 1 x Quadra 605, 12MB, \$100. 1 x LCIII, 12 MB, \$80. Ph Linda 8303 5871 or call into Rm 656, Level 6, Wills.

MAGNA: 1990, 5 speed t-bar, station wagon, white, air, power steer, rad/cass, 6 mths reg, perfect cond. WIF 945. \$4,100 neg. Ph 8338 4152.

MISC: Architect's chair, Carpet sweeps, carpet shampooer, 5 piece sofa set, dining suite with laminex top & 6 chairs, 3 recliner TV chairs. Ph 8332 5208 or 8303 5084.

MISC: Rapid wet suit to fit child 10-12 year old, \$25. Tennis racquet & baseball bat, suit 9-12 year old. A-frame, double sided blackboard. All in good cond. Ph 8379 6510.

MICS: B&D Roller Door; 2 x

wardrobes (Queen Anne); Original double window for bungalow; Baltic pine door & leadlight sliding door; Boys & girls bikes. Ph 8344 3677 or 8303 4508.

PIANO: Russell, London upright full iron frame, incl stool, good cond. \$900. Ph 8288 1034 or 0417 776 800.

ROWING MACHINES: Adelaide Uni Boat Club has a number of Concept II rowing machines avail in exc cond. Compact, ideal for home gym. \$1,000 ea. Ph Mark 8357 0771 or 0412 429 964.

TRAILER SAILER: GEM 5.5, 1 season old, exc cond. Set up for short-handed racing & cruising. Racing rig, lifelines, safety equip, & more. Yamaha 5HP O/B. Low profile trailer. \$16,000. Ph 8376 7327.

TRANSCEIVER: Codan 7727B mobile HF transceiver, RFDS Aust wide coverage, includes aerial, cables, vehicle mounting bracket. \$950. Ph 8295 1611 or 0419 814 120.

DEPARTMENTAL

VIDEOS: 4 x used Panasonic video/cassette recorders (NW-J11 HQ digital program controller). Still working, but only fair quality recording/playback. All offers considered. Ph Caroline 8303 3394.

MISCELLANEOUS

KITTENS: To give away. Gorgeous & affectionate, will be ready in 4 weeks. Ph Gail 8346 0842 or 8303 6426.

MARQUEE HIRE: Adelaide Uni Boat Club has a 3m x 6m marquee with opt walls for hire for \$60 p/night (incl pick-up & delivery to metro area). Ph Mark 8357 0771 or 0412 429 964.

WORD PROCESSING: And formatting of WP on disk including IBM/PC and Mac MS Word amongst others. Laser printing; after hours service; city location. Ph Anne Every 8212 6869 or 8415 7866 (all hours).

Bulletin Board

NOVEMBER 29, 1999

THE UNIVERSITY OF ADELAIDE

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Adelaidean Schedule 2000

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11 September	31 August	25 August
25 September	14 September	8 September
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23 October	12 October	6 October
6 November	26 October	20 October
20 November	9 November	3 November
4 December	23 November	17 November
18 December*	7 December	1 December

*to be confirmed

The Adelaidean schedule, classifieds and coming events forms, advertising rates and more can be found at the Adelaidean web site at: <<http://www.adelaide.edu.au/Adelaidean/>>.

IVRS — Exam Results by Phone

The exam results telephone service will open for Semesters 1 & 2 results and January supplementary results on Monday 6 December 1999 until Friday 25 February 2000. **PLEASE DO NOT RING UNTIL AT LEAST THREE WEEKS AFTER YOUR FINAL EXAMINATION.**

When you call, you will need a pen and paper to record details, your Student Number (you will be asked for the first six digits) and your PIN. If you do not know your PIN, please go in person to the Student Centre (formerly Student

Information Office), Level 4, Wills Building, to obtain a new one.

This service will provide only final results which are subject to confirmation by your official notification of results slip.

In Australia, call 1 902 281 011. Calls cost 75 cents per minute. A higher rate applies from mobile and public phones.

From overseas, international students can call 61 8 8224 2150 or 61 8 8224 2250. Call costs will be at normal international rates.

Department for Education, Training and Employment

ReSearch 2000

ReSearch 2000, the third annual DETE Research Expo, will be held on 24 & 25 March. The department's Chief Executive, Geoff Spring, will introduce the Colin Thiele Lecture Evening on Friday.

On the Saturday researchers from schools, institutes and sites, and from universities are invited to present their work at the Research Expo. The Expo provides an opportunity for university and department based researchers to exchange ideas and results, and will give new researchers a taste of the delights of research.

To register your interest in presenting your research (either completed or in process), request an "Invitation to Present Form" from Chris Keightley, <Keightley.Chris@saugov.sa.gov.au> tel 8226 1872, fax 8410 5606.

Christmas Cards

University Christmas Cards are available from the Media, Marketing & Publications Office. The cards feature a detail of the sandstone work in the foyer of the Mitchell Building and cost \$1.50 each. You can view the card on our web site at: <<http://www.adelaide.edu.au/PR/>>. Forward purchase orders to Pue-San Ng. Cash purchases can also be made from the Office, Rm G07, Mitchell Bldg.

Barr Smith Library: unbound journals disruption

The unbound journals collection in the Barr Smith Library will be totally reorganised during the month of December. The existing shelves will be removed and will be replaced by new shelving.

To enable us to do this, the unbound journals will be gradually shifted from the existing shelves to a temporary location in the Ira Raymond Room (which is opposite the Library entrance). If you don't find the title you are looking for here, you should be able to find it in the Ira Raymond Room. It is always possible, of course, that your title will be actually in transit at the time you need it. Please ask at the Information desk if you need help.

We apologise for any inconvenience that the reorganisation may cause.

PROPERTY SERVICES

End of Year Shutdown

During the Y2K Transition Period (23 December 1999 - 4 January 2000) there is increased potential for extended periods of resource failure, in particular electrical and water supply failure. Property Services has undertaken extensive planning to ensure that the University has in place contingency plans and procedures designed to minimise the effects of any resource failure and to quickly return to normal business operations.

With the Y2K Transition Period coinciding with the University's end of year "Shutdown", all Departments are asked to assist with the University's contingency planning by taking the following simple measures (where applicable) in their respective areas:

- All departments are requested to minimise building occupancy during the transition period;
- Empty fridges and freezers of perishables;
- Ensure departmental gas bottles/containers are filled prior to the transition period (LPG - Medical - Liquid Nitrogen);
- Turn off and disconnect room air conditioners;
- Turn off and disconnect non-critical electrical equipment, for surge protection;
- Have torches with spare batteries and globes readily available where required, in the event of power failure;
- Remove waste (particularly perishables) from work areas prior to Transition Period;
- Have bottled drinking water available for persons present during the Transition Period;
- For areas with animal holdings: If you rely on electrical plant or equipment for conveying feed/water supplies, ensure sufficient supplies are pre-stored close to feeding areas.

BARRY MICHELS
Manager, Operations
Property Services

COMING EVENTS

November 29th — December 10th

MONDAY 29 NOVEMBER

1.00pm Microbiology & Immunology Seminar: Epithelial pathophysiology of the gut by Dr Ross Butler (Gastroenterology Unit, WCH). Departmental Library, 5th Floor, Medical School South.

1.10pm History Staff/Postgraduate Research Proposals: The external politics of the first Howard government by Mr Peter McLaren. The decline of the Australian domestic shipping industry, 1945-1975 by Mr Gerald Donaghy. Common Room 420, 4th Floor, Napier.

4.00pm Applied & Molecular Ecology PhD Final Seminar: Developing a control strategy for pea seedborne mosaic virus in peas by Ms Valeria Torok. Charles Hawker Conference Centre, Waite.

6.00pm CISME Seminar: Reconciliation by Ms Evelyn Scott (Chairperson, Council for Aboriginal Reconciliation). Council Room, Level 7, Wills Building. Refreshments from 5.30pm.

TUESDAY 30 NOVEMBER

12noon Child Health Research Institute Seminar: Engineering Antibody Fragments for Leukemia Lymphoma Therapy and Diagnosis by Penny Adamson

(PhD student). Seminar Room, 7th Floor, Rieger Building, WCH.

WEDNESDAY 1 DECEMBER

1.00pm Genetics Seminar: Angiogenesis and antiangiogenesis in cancer and its therapy by Dr Chris Hahn. Seminar Room, Ground Floor, Fisher Building.

FRIDAY 3 DECEMBER

12.45pm Dentistry BScDent Report: By Dr P Diaz. Lecture Theatre 1, 6th Floor, Adelaide Dental Hospital.

TUESDAY 7 DECEMBER

6.00pm CISME Seminar: Sudan: Present Conflict and Future Hopes by Ben Yengi (Schools, Careers & Community Liaison Officer). Council Room, Level 7, Wills Building. Refreshments 5.30pm.

FRIDAY 10 DECEMBER

12.45pm Dentistry Seminar: A comparative anatomist's view of teeth and sex by Associate Professor Bill Breed. Lecture Theatre 1, 6th Floor, Adelaide Dental Hospital.

SITUATIONS VACANT

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

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

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

LIBRARY ASSISTANT (Monograph Sets)

(Ref: 10003)

University of Adelaide Libraries
Salary HEO3: \$26,725 - \$30,467

This continuing position is available from 1 January 2000. Further information about the position may be obtained from Jordana Arezina, telephone: 8303 5225. The duty statement and selection criteria may be obtained from Tina Hardin, tel 8303 5370. Applications close 6 December 1999.

COPY ASSISTANT

(Ref: 8999)

Image and Copy Centre
The University of Adelaide Libraries
Salary HEO2 : \$25,388 - \$26,992*

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

This position is available immediately until 31 December 2000. Further information may be obtained from Maria Fedczyszyn, Supervisor, Image and Copy Centre, telephone: 8303 4690. The duty statement and selection criteria may be obtained from Tina Hardin, tel 8303 5370. Applications close 6 December 1999.

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

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

SENIOR RESEARCH FELLOW

(Ref: 10004)

Dental School
Salary: \$59,332 - \$68,415

This fixed-term position is available from 1 January 2000 to 31 December 2002, with a possibility of renewal, subject to funding. Further information, including the selection criteria may be obtained from Professor AJ Spencer, tel 8303 5438. Applications close 13 December 1999.

PERSONAL ASSISTANT

(Ref: 3177)

Department of Animal Science, Roseworthy Campus
Salary HEO4: \$30,736 - \$33,808

This position is continuing and available from 13 December 1999. Further information including duty statement and selection criteria, may be obtained from Mrs Lindy McPhee, Departmental Secretary, tel 8303 7302 or email <lmcphee@waite.adelaide.edu.au>. Applications close 3 December 1999.

TECHNICAL ASSISTANT

(Ref: 2146) (Fixed-Term)

Department of Agronomy and Farming Systems
Roseworthy Campus
Salary HEO4: \$30,736 - \$33,808

This fixed-term position is available from 4 January 2000 for two years in the first instance with the possibility of extension. Further information, including duty statement and selection criteria, may be obtained from David Mathew, tel 8303 7876 or email <david.mathew@adelaide.edu.au>. Applications close 3 December 1999.

HUMAN RESOURCES DEADLINES FOR ADELAIDEAN

For the *Adelaidean* of 13 December 1999 advertising paper work must be received in Human Resources by 26 November 1999.

GENERAL NOTICES

Christmas Close Down

In accordance with the usual practice the University will close down during the Christmas break from Christmas Eve, Friday 24 December 1999 to Monday 3 January 2000, staff not taking Recreation Leave will return to work on Tuesday 4 January.

Public Holidays

The Public Holidays to be observed during this period are Christmas Day, Monday 27 December, Boxing (APS) Day, Tuesday 28 December, Proclamation Day, Wednesday 29 December 1999, New Years Day Monday 3 January 2000.

Annual Recreation Leave

Staff are advised that Thursday 30 and Friday 31 December have been debited against their Recreation Leave. Payroll Services must be notified by no later than Friday 10 December 1999 of those staff who have made arrangements within their Department or with a Department Manager to preserve their Recreation Leave entitlement.

Close Down Arrangements

Where staff are rostered for duty during the close down period, the usual conditions apply for the performance of this work as established by past custom and practice.

Should staff be required to work outside the above arrangements, on any of the above designated Public Holiday days, then payment will be at the rate of "double time and one half for all time worked" in accordance with the provisions of the Enterprise Agreement. Should work be performed on the day which is being observed as the Public Holiday another day may be substituted for that day to be observed as the Holiday by agreement between the staff member and manager. If no substitute day is agreed, payment will be as above.

Special Y2K Arrangements

An Agreement has been struck with the Union Single Bargaining Unit providing special arrangements for those staff members who make themselves available for call back during the Close Down period for any emergency work associated with the change over to the year 2000.

A copy of this Agreement is available from Human Resources on request.

Call for Applications for Promotion to Level D

Staff wishing to apply for promotion to Associate Professor Level D (and equivalent) are now invited to submit their applications.

Staff should refer to the Policy and Procedures, appropriate Position Classification Standards and any relevant Discipline Dependent Academic Criteria that exist (available from departmental offices) when preparing their applications.

Applications should be made on the approved application form.

Completed applications (sixteen copies) must be submitted to the General Manager, Human Resources, by 24 December 1999.

Absolutely no supplementary information will be accepted from applicants after the closing date for applications, unless requested by the University.

Please note that it is anticipated that referee reports will be sought in early January. Applicants are responsible for providing up to date contact details for their referees.

The Policy and Procedures and the Application Form are available on the Web at <<http://www.adelaide.edu.au/HR/new/promd.htm>>

It is anticipated that applications for promotion to Professor Level E will be called in mid December. All promotions will be effective from 1 January 2000.

STEVE DAYSH
General Manager
Human Resources

Perimeter gates to close on Christmas Day

From midnight on 24 December 1999 to midnight on 25 December 1999, all perimeter vehicle and pedestrian access to the Campus will be closed.

Adelaide University staff needing entry to the Campus on Christmas Day, please call Security Office, 8303 5990.

JOHN LARWOOD
Manager of Projects & Facilities
Property Services

Counselling Centre

WORKSHOPS

Improving Sleep
Developing a Lifestyle That Reduces Stress and Worry
Learn Deep Relaxation
The Perfect Procrastinator
Overcoming Shyness; Effortless Exams.
Lunchtimes - free. Booking on 8303 5663 or call in.

DAILY DROP IN SERVICE

1.00pm - 2.30pm. Brief consultations only. No appointment required. **Ground Floor, Horace Lamb Building**

Missed the deadline?

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

Human Resources Update

Policies

Please note that the following human resources policies have been revised over the last few months:

- Roles and Responsibilities of Heads of Departments and Schools
- Rules Concerning the Conferring of Academic Titles on Persons who are not Members of the Academic Staff
- Conditions of Appointment for Research Associateships (Medical)
- Higher Degree Studies
- Policy and Procedures on Academic Staff Promotions (to Level B/C)
- Policy and Procedures on Academic Staff Promotions (to Level D)
- Tractor and Forklift Truck Driving Policy

In addition, the following new policies have been developed:

- Attractions/Retention Loadings
- Absences on Official University Business

All of the policies are available on the Human Resources web site at: <<http://www.adelaide.edu.au/HR/policies/contents.htm>>.

Forms

Many of the Human Resources related forms have altered due to the introduction of the new Peoplesoft Human Resources Information System.

New versions of forms are available from HR website: <<http://www.adelaide.edu.au/HR/forms.htm>>. Use the website to find the most up-to-date version of forms.

Appointment Procedures

With the new Peoplesoft Information System there will be an increased emphasis on departments forwarding appointment papers to Human Resources as soon as possible after a successful candidate has been selected.

An appointee will not be permitted to commence duty until a contract of employment has been issued and accepted.

Please note that preparation of a contract can take up to 10 working days from receipt of the completed Request for Initial Employment in Human Resources.

STEVE DAYSH
General Manager
Human Resources

Project Endeavour Facilitators

A key Project Endeavour initiative to assist with the two-way flow of information between the users of the new systems and business processes and the respective Project teams, is the introduction of a "change facilitators" network.

These representatives are there to help inform University staff about the project and to identify concerns or potential problems which need to be addressed by Project teams during the systems' implementations.

The Change Facilitators' key responsibilities are to:

- Assist with the dissemination of communications, in particular through attendance at and presentations to Faculty/Division staff meetings;
- Identify 'hot spots' to Project Endeavour team leaders/members that may impact the successful implementation of the HR/ Payroll, Research, Financial and Student Administration systems;
- Help identify the impact of the changes on their colleagues;
- Address questions and concerns and seek out additional information as required.

Change Facilitators attend monthly meetings convened by Project Endeavour's organisation change management (OCM) team, where they are provided with details regarding the projects and monitor the success of related communications.

University staff are encouraged to approach their local Change Facilitator listed below and raise any issues or questions related to the introduction of the new systems and business processes:

ANRS
Anne Mowday
Glen Uzzell
Graham Campbell
John Brooker
Kathleen Muir

Health Sciences
Ian Carman
John Cecchin
Rodney Irvine

Humanities
Robert Ewers
Robyn Williams

DVCE
Cathy Ogier
Gary Martin
Jim Anderson

PALACE
Beverley Aikman
Lee Parker
Steve McKee

DVCR
Andrew Bartlett
Wendy Brown

Science
Carmel Palumbo
Nigel Ewan
Rosemary Priest
Julie Owens

Engineering, Computing & Mathematics
Michael Teubner
Pam Dwyer
Rae Tyler

Student & Staff Services
Jacqueline Stockley
Susan Close

Finance & Infrastructure
Chris Brooke
Greg Badger

VCO
Maria Russo

Finance and Infrastructure Division - Finance Branch

CRITICAL DATES INFORMATION SHEET

END OF UNIVERSITY'S FINANCIAL YEAR - 31 DECEMBER 1999

The following are dates by which transactions to be recorded in the accounting system in 1999 are to be received in Finance Branch. It is important that staff associated in any way with year end accounting related activities, in your Divisions/Faculties/Branches/Departments/Units, observe these dates:

FINAL PROCESSING OF INVOICES, PURCHASE ORDERS AND JOURNALS

Final acceptance of invoices in for last 1999 cheque run:	12 noon Monday	20 December 1999
Final acceptance of purchase orders for 1999:	12 noon Monday	20 December 1999
Final acceptance of internal charges for 1999:	12 noon Monday	20 December 1999
Final acceptance of correcting journals from departments for December transactions:	12 noon Monday	17 January 2000

Departments are urged to plan ahead, especially in the case where administration staff may be planning recreation leave over December/January as:

- Final Period 12 financial reports will be distributed on Monday 10 January 2000.
- The close off date for correcting journals to 1999 accounts is Monday 17 January 2000.
- The 'Year End Financial Package' is due back Friday 7 January 2000 (distributed in November 1999).

FINAL PROCESSING OF PAYROLLS

Period ended 17 December 1999 (actually paid on 17 December):

- variations to payroll and overtime/shift loading	10.00 am Tuesday	7 December 1999
- casual claim forms	10.00 am Tuesday	7 December 1999

Period ended 31 December 1999

- variations to payroll and overtime/shift loading	10.00 am Monday	13 December 1999
- casual claim forms	10.00 am Monday	13 December 1999

BANKING

- All cash/cheques received by departments up to close of business 31 December must be banked on schedule and delivered to Cashier, Revenue Section by 12 noon Wednesday 5 January 2000.

Departments are to ensure all cash received up to the close of business 24 December 1999 has been banked.

DAVID CARVER, Financial Controller

University of Adelaide Academic Year 2000

Week	Mon to Fri			
	1 Jan	7 Jan	Summer Vacation	New Years Day Public Holiday 3 January
	10 Jan	14 Jan	Summer Vacation	
	17 Jan	21 Jan	Supp exams	
	24 Jan	28 Jan	Supp exams	Australia Day 26 Jan
	31 Jan	4 Feb	Summer Vacation	Ed Dept Term 1 begins
	7 Feb	11 Feb	Summer Vacation	
	14 Feb	18 Feb	Summer Vacation	
	21 Feb	25 Feb	Orientation Week	
Sem 1				
1	1	28 Feb	3 Mar	
2	2	6 Mar	10 Mar	
3	3	13 Mar	17 Mar	
4	4	20 Mar	24 Mar	
5	5	27 Mar	31 Mar	
6	6	3 Apr	7 Apr	
7	7	10 Apr	14 Apr	Commemoration ceremonies* Ed Dept Term 1 ends
8		17 Apr	21 Apr	Non-teaching week Commemoration ceremonies* School holidays Good Friday 21 Apr
9		24 Apr	28 Apr	Non-teaching week Easter Monday 24 Apr AVCC Common Week Anzac Day 25 April - Ed Dept Term 2 begins
10	8	1 May	5 May	
11	9	8 May	12 May	
12	10	15 May	19 May	Adelaide Cup Day 15 May
13	11	22 May	26 May	
14	12	29 May	2 June	
15	13	5 June	9 June	Swot week/non-teaching
16		(Sat) 10 June	16 June	Exams begin Queen's Birthday 12 June
17		(Sat) 17 June	24 June (Sat)	Exams end
18		26 June	30 June	Non-teaching week
19		3 July	7 July	Non-teaching week AVCC Common Week Ed Dept Term 2 ends
20		(Sat) 8 July	14 July	Non-teaching week Supp exams School holidays
21		(Sat) 15 July	22 July (Sat)	Non-teaching week Supp exams School holidays
Sem 2				
22	1	24 July	28 July	Ed Dept Term 3 begins
23	2	31 July	4 Aug	
24	3	7 Aug	11 Aug	
25	4	14 Aug	18 Aug	
26	5	21 Aug	25 Aug	
27	6	28 Aug	1 Sept	
28	7	4 Sept	8 Sept	
29	8	11 Sept	15 Sept	AVCC Common Week Ed Dept Term 3 ends
30		18 Sept	22 Sept	Non-teaching week School holidays
31		25 Sept	29 Sept	Non-teaching week School holidays
32	9	(Tues) 3 Oct	6 Oct	Labor Day 2 October Ed Dept Term 4 begins
33	10	9 Oct	13 Oct	
34	11	16 Oct	20 Oct	
35	12	23 Oct	27 Oct	
36	13	30 Oct	3 Nov	Swot week/non-teaching
37		(Sat) 4 Nov	10 Nov	Exams begin
38		(Sat) 11 Nov	18 Nov (Sat)	Exams end
39		20 Nov	24 Nov	
40		27 Nov	1 Dec	
41		(Sat) 2 Dec	8 Dec	Supp exams to begin
42		(Sat) 9 Dec	16 Dec (Sat)	Supp exams end Commemoration Ceremonies*
		18 Dec	22 Dec	Summer Vacation Commemoration ceremonies* Ed Dept Term 4 ends
		25 Dec	29 Dec	Summer Vacation Christmas Day 25 Dec Proclamation Day 26 Dec

*Commemoration ceremony dates are subject to further confirmation.
Office of Client Services ph (08) 8303 5351 Paola Mavrogiannis

F: 2556/91



Dental treatment at the Colgate Australian Clinical Dental Research Centre

Emergency dental treatment and routine dental care is now available at the Colgate Australian Clinical Dental Research Centre (CACDRC).

The CACDRC is a state-of-the-art clinical treatment facility located in the Adelaide Dental Hospital building (adjacent to the North Terrace campus) and is a unit of the University of Adelaide and School of Dentistry. All patient treatment is carried out by fully qualified dental staff. Competitive rates and EFTPOS facilities are available. Concessions also available for holders of University cards.

For further information, to book a tour of the Centre or to make an appointment for treatment, contact Kerrie on 8303 3436.

Dental implants!

Had enough of your partial denture?

Volunteer to be part of a research project into dental implants and your denture will be a thing of the past. The latest types of titanium dental implants are being investigated. The cost of the implants and to have the superstructure made is considerably less than is charged for the same work outside of this research project.

Where? Colgate Australian Clinical Dental Research Centre
2nd Floor, Adelaide Dental Hospital
Frome Road, Adelaide

For more information and to register your interest, please phone 8303 3436.

Research Branch: Fortnightly Update

NEW ARC LARGE GRANTS: ADDENDUM

Two grants were inadvertently omitted from the list of new ARC Large Grants for 2000 published on 1 November. We apologise to the staff concerned and have pleasure in now recording their success. They are:

Dr RA Vincent, Dr IM Reid, Professor T Tsuda, Dr A Nuryanto and Dr PT May: Radar studies of gravity waves and tropical convection. Total value of \$234,000 over three years.

Associate Professor JC Wallace, Professor JE Cronan, Professor BW Matthews and Associate Professor D Beckett: Molecular recognition in enzymatic protein biotinylation: determinants of specificity: \$182,046.

ARC AND NHMRC GRANTS FOR 2001: ASSISTANCE IN DEVELOPING APPLICATIONS

The Faculties concerned have provided the following contact details for intending applicants who wish to seek assistance from their peers in developing their applications, particularly in reviewing draft applications. These details will also be published on the "What's New" page of the Research Branch website.

- **ANRS:** No special scheme for ARC grants; part of general grant application advisory program in the Faculty. Contact the Associate Dean (Research), Dr

John Brooker, Animal Science (ext 37357) for details.

- **Engineering, Computer & Math Sciences:** Contact the Head of the relevant Department.
- **Health Sciences:** Contact the Head of the relevant Department or research group.
- **Humanities & Social Sciences:** Contact Associate Professor Nick Harvey (ext 35923)
- **PALACE:** Contact Dr Kimi Coaldrake (Elder Conservatorium, School of Performing Arts, ext 35823)
Professor Adrian Bradbrook (Law School, ext 35542)
Dr Terry Williamson (School of Architecture, Landscape Architecture & Urban Design, ext 34591)
Professor Lee Parker (School of Commerce, ext 34236)
Associate Professor Tom Sheridan (School of Economics, ext 35538)
Dr Fred Robins (Graduate School of Management, ext 35750).
- **Science:** Contact Dr Julie Owens (Physiology, ext 34088).

Research Branch web site:
www.adelaide.edu.au/RB

NOTICE TO RESEARCHERS AND DEPARTMENTAL ADMINISTRATORS

Are you ready for the new millennium?

Departmental administrators and potential applicants for grants for which applications close in the early part of 2000 (including GRDC full applications, SAGITF funding, ARC Large Grants, Fellowships and SPIRT grants, and NHMRC Project Grants and Fellowships) are strongly advised to consider implementing contingency plans to avoid potential problems with the "millennium bug".

If you are a potential applicant for one of the grants listed above or for any other scheme closing early in 2000, or if you are a Departmental administrator, the Research Branch suggests that, prior to the Christmas closedown, you download from the Research Branch web site and store on disk (as well as in hard copy) the 2001 Application Form and Guidelines and Research Branch instructions for the various schemes in which you, or staff from the Department, might be interested.

The same also applies to grant holders who are required to submit progress or final reports in January 2000 (e.g. to GRDC). They should download the relevant report form(s) before the closedown so they can meet their reporting obligations in good time.

The Research Branch will also store this material on disk and will make a copy available to any Department which requests it.

RESEARCH AND SCHOLARSHIPS AND OTHER FUNDING SCHEMES

Research Grants & Fellowships

The following is a list of grant, fellowship and other research funding schemes available for application. A more detailed electronic version of this listing (Update: Research), together with guidelines and applications for some of the major schemes, are available at: <http://www.adelaide.edu.au/RB/>. For hard copy applications and guidelines for the schemes listed below, contact the Research Branch, ext 35137; or email renae.minerds@adelaide.edu.au.

Sponsored Programs Information Network (SPIN): SPIN Australia - A database containing current and comprehensive information on over 2600 government and private funding opportunities. SPIN web site is via Research Branch web site.

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

National Heart, Lung & Blood Institute, USA / National Institute of Diabetes and Digestive and Kidney Diseases, USA: Protease Inhibitor Related Atherosclerosis in HIV Infection: Internal closing dates: 1 December 1999 (Letter of Intent), 2 January 2000 (Full Application). Web site: <http://www.grants.nih.gov/grants/guide/rfa-files/RFA-HL-00-007.html>.

National Institute of Neurological Disorders and Stroke, USA - Interneuronal Circuits Underlying Voluntary Movements in Normal and Injured Spinal Cord - Grants: Internal closing dates: 1 December 1999 (Letter of Intent), 2 February 2000 (Full Application). Web site: <http://www.grants.nih.gov/grants/guide/rfa-files/RFA-NS-99-008.html>.

New South Wales Ministry for the Arts - New South Wales Premier's Literary Awards 2000: Internal closing date: 3 December 1999

National Facility Steering Committee - Oceanic Research Vessel Franklin: Call for Applications for Use of Franklin in 2001 and Expressions of Interest for 2002 and Beyond: Internal closing dates: 6 December 1999. Applications for Use in 2001: 10 March 2000. Expressions of Interest for 2002 and Beyond. Web site: <http://www.marine.csiro.au/franklin>.

University of Western Australia - Re-Entry Postdoctoral Research Fellowship: Internal closing date: 6 December 1999. Web site: <http://www.acs.uwa.edu.au/research/opps/sum/saor/reprfad.html>.

ANARE - Australian Antarctic Division - Project & Grant Applications Season 2000-2001: Internal closing date: 9 December 1999. Note: Applications are to be submitted on-line. Please forward a hard copy of your application to the Research Branch prior to submission, where possible. Web site: <http://www.antdiv.gov.au>.

World Wide Fund for Nature: Australia/National Heritage Trust - Grassy Ecosystems Grants Partnership: Internal closing date: 9 December 1999. Web site: <http://www.wwf.org.au>.

Clive & Vera Ramaciotti Foundations - Travel Awards: Internal closing date: 17 December 1999.

International Association for the Scientific Study of Intellectual Disability: Stevens-Shapiro Memorial Fellowship: Internal closing date: 17 December 1999.

Juvenile Diabetes Foundation *Updated Closing Dates*: Research Grants, Innovative Grants, Special Grants, Fellowships, Career Development Awards & Clinical Scholars Award: Internal closing dates: 3 January 2000 (Copy of first two pages of application). 16 January 2000 (Completed full application). Web site: <http://www.jdfcure.com>.

National Heart, Lung and Blood Institute, USA: Positional Candidate Gene Approaches in Asthma Gene Discovery: Internal closing dates: 5 January 2000 (Letter of Intent). 9 February 2000 (Completed Full Application). Web site: <http://www.grants.nih.gov/grants/guide/rfa-files/RFA-HL-00-005.html>.

New Educational Aids in Medicine and Science (NEAMS) Trust - Grant: Internal closing date: 6 January 2000

National Cancer Institute, USA - Genetic Regulation of Susceptibility to Tobacco-Related Carcinogenesis: Internal closing dates: 16 January, 15 May & 15 September 2000. Web site: <http://www.nih.gov/grants/guide/pa-files/PA-98-095.html>.

Scholarships

Unless otherwise indicated, information and applications are available from the Student Information Office (SIO), Level 4, Wills Building. Please lodge all applications with the SIO unless otherwise stated.

Adelaide Access Scholarships: Open to students new to higher education who enrol at Adelaide University in 2000, and who can demonstrate financial need. A number of these scholarships will be specifically for students who undertook year 12 in a rural and isolated area or are indigenous Australians. Closing: 26 February (SIO)

American Association of University Women Educational Foundation International Fellowships: Open to women who are not citizens or permanent residents of the USA to study at the graduate or postgraduate level in the USA. Value: \$16,500. Selection is based on academic excellence, professional potential, and on the importance of their projects to their countries of origin. Closing: 15 December (USA)

Bureau of Sugar Experiment Stations/ APA funded Research Scholarship in Plant Virology: Tenable in the Department of Applied and Molecular Ecology to study the Chlorotic Streak Disease of Sugarcane. Research is needed to identify the specific cause of this disease so that diagnostic tests and control strategies can be developed. Applicants must be Australian citizens or permanent residents, hold a good Honours degree or equivalent and be acceptable for a postgraduate research degree at the University of Adelaide. Value: \$20,822pa. Details: Assoc Prof John Randles, 8303 7353 or email: john.randles@adelaide.edu.au. Closing date: 10 December (SIO)

Charles and June Ross International Fellowship: Open to women scientists (natural and physical sciences) who are Australian citizens and have graduated from an Australian university. The Fellowship is tenable for one year in the USA to a full-time graduate or postgraduate to undertake study or research. Applications from AAUW Educational Foundation, Fellowships and Grants, North Dodge Street, Dept 141, PO Box 4030, Iowa City, Iowa 52243-4030 USA, fax: (319) 337 2201, tel: (319) 337 1716 ext 141. Closing: 15 December (USA)

Constantine Aspromourgos Memorial Scholarship for Greek Studies 2000: Open to bachelors or masters graduates of

Queensland University undertaking a post-graduate course involving studies in at least one area of Greek studies in language, culture, literature, history, archaeology, society, religion, economy, politics or geography; and are undertaking the course at another university, or Queensland University, provided that part of the course involves studies at another university. Value: \$4,400. Details Prizes Officer, University of Queensland tel: (07) 336 51984, email: l.munro@mailbox.uq.edu.au. Closing: 14 April 2000 (Qld)

Frank Knox Memorial Fellowship to Harvard: Open to Australian citizens who have recently graduated, or are about to, from an Australian university. Tenable for 1 year with possible extension for a further year. Closing: 10 December (SIO)

RG Menzies Scholarship to Harvard 2000/2001: Applicants must be an honours graduate of an Australian university; be an Australian citizen or Permanent Resident of Australia, and normally reside in Australia and intend to return to Australia after studies at Harvard. Academic excellence is required, and applicants should also show interest and qualities in such matters as leadership, public duty and the service of others and promise in attaining distinction in Australia in later years. Further details and applications available from Administrative Officer, Council and Boards Secretariat, ANU, Canberra ACT 0200. Fax: (02) 6279 8524, email: cabs.admin@anu.edu.au or via their web page: <http://www.anu.edu.au/cabs/scholarships/index.html>. Closing: 31 January 2000 (ANU)

Society of Petroleum Engineers: Offered to students studying Petroleum Engineering at undergraduate or postgraduate level. Value: up to \$4,000. Details available from Tom Paspaliaris, Santos Ltd, ph: 8224 7910 or Patrick McCarthy, Boral Energy Resources Ltd ph: 82353818. Closing: 15 December

Wyatt Scholarships for Country Students: Open to commencing and continuing students under 25 who normally reside outside the Adelaide metropolitan area and can demonstrate that their family financial circumstances and geographic situation will disadvantage them in undertaking or completing their full-time course of study. Residents of Broken Hill or Mildura and second/subsequent or higher degree students are ineligible. Awarded on academic merit and financial need. Value: \$3,000pa. Closing: 17 December (SIO)