

Breastfeeding at work a balancing act with benefits

AROUND 50,000 information kits promoting the benefits of combining breastfeeding and work are now being sent to workplaces around Australia.

The kit, called *Balancing Breastfeeding and Work*, has been developed by Adelaide University's Department of Public Health. It was launched in Sydney last week as part of National Breastfeeding Awareness Week.

Breastfeeding within the first six months is vital to a new-born baby, but mothers are encouraged to keep breastfeeding for at least two years. Figures show that 27% of Australian women who give birth return to work within the first 12 months. Finding ways to combine breastfeeding and paid work can be a problem for these mothers.

The University's Public Health Department was awarded a \$350,000 contract from the Commonwealth Department of Health to develop and distribute the breastfeeding information kit.

Developed with input from employer groups, union groups, health care professionals and employees, the new kit informs employers and workplaces of:

- the benefits of supporting female employees who wish to continue breastfeeding their babies on

returning to paid work;

- the various workplace practices that support the continuation of breastfeeding among female employees.

The kit also informs women that:

- they can continue to breastfeed on returning to paid work from maternity leave;
- there are benefits to themselves and to their babies in continuing to breastfeed on return to paid work, especially in the first six months of their baby's life;
- there are steps they can take to maximise their success at combining breastfeeding and paid work.

Medium to large workplaces which employ women of child-bearing age, particularly women from low socio-economic and diverse cultural backgrounds, will receive the information kit. The details are also available on the internet at: <www.health.gov.au/pubhlth/strateg/brfeed/>.

Project manager Dr Ellen McIntyre said the idea behind the project was to help nursing mothers and workplaces strike a balance between the needs of the workplace and the needs of the mother and child.

"There are so many benefits to both mothers and employers through supporting breastfeeding that not to



Dr Ellen McIntyre with a copy of the kit.

facilitate the practice in workplaces around Australia would be a golden opportunity lost," Dr McIntyre said.

"The kit covers the key features about balancing breastfeeding and work. It describes the reasons why this is beneficial for employers (eg, it reduces the loss of skilled staff), for employees (eg, it is part of being a family friendly workplace) and for babies (eg, it provides the best start to life).

"With the right support from their employers and workplaces, mothers can maintain the all-important breastfeeding relationship with their baby."

—David Ellis Photo by Russell Millard, courtesy of The Advertiser.



Electoral "fairness" unfair



Masters student Glynn Evans outside Parliament House. Photo: Ben Osborne.

THE SO-CALLED "fairness clause" which has operated at the past two State elections has proven to be very unfair in many respects, according to new research at Adelaide University.

A Masters student at the University's Politics Department, Mr Glynn Evans, has found the fairness clause can never be fair for any one given election, and also discriminates against minor parties.

The fairness clause was introduced in 1991

by the then Bannon Labor Government, and required electoral commissioners to draw electoral boundaries which attempted to ensure that if a major party received more than 50% of the two-party preferred vote, it should win more than 50% of the seats.

Mr Evans, who is studying the clause for his Masters thesis, said the clause worked at the 1993 and 1997 elections to the extent the Liberal Party won a majority of the seats after winning a majority of the two-party preferred vote.

Continued Page 4

Council vote approves new Chancellor's committee

ADELAIDE University's Council has agreed to establish a new Chancellor's Committee to monitor and review the University's operations and management.

The controversial initiative was proposed by the Chancellor, Mr Robert Champion de Crespigny, at the University Council meeting on 31 July. The proposal was carried on a 13-7 vote.

The new committee will be required to meet at least six times a year and will be subject to an annual review by Council.

Membership will comprise the Chancellor, Deputy Chancellor, Vice-Chancellor, and the convenors of the Academic Board, Audit and Compliance Committee, Finance Committee, Senior Salaries and Industrial Relations Committee and Student Affairs Committee.

The University Council will have the power to appoint an additional two members if it wishes.

As part of the proposal, the University Council also agreed to delegate to the Chancellor all its powers and responsibilities under the University of Adelaide Act 1971. (Section 10 of the Act permits delegation to an officer or employee, but not to a committee). The exercise of such delegation may be exercised only with the support of a majority of members of the Chancellor's Committee and must be submitted to the following Council meeting for ratification.

A group of students carrying placards attended the Council meeting and protested strongly against the proposal.

Council members opposed to it argued that the new

committee would usurp much of the Council's current role. They contended that Council would be expected to ratify important decisions discussed in depth by the new committee.

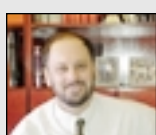
Supporters of the proposal maintained that the new committee would not erode any of the Council's rights or responsibilities. They argued that it would assist management with early feedback on big issues, ensure improved accountability of management and enable Council members to focus more on strategic issues.

The terms of reference for the new committee are to:

- review matters coming before Council and advise Council on them;
- advise on all matters which should not be delayed until Council next meets;
- consider any matters referred to by Council or the Vice-Chancellor;
- monitor and review the operations and management of the University by way of regular reports from the University's senior managers and reports as required by the Committee;
- make recommendations to the Chancellor, so that the Chancellor can act for Council between Council meetings, where this, in the opinion of the committee, is essential in the interests of the University;
- report to each council meeting on its activities.

For other information about the last Council meeting, turn to page 3 of the *Adelaidean's* Bulletin Board.

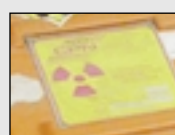
INSIDE



Museum director
new professor

page 3

Open Day 2000
Special Supplement



Nuclear waste
in SA

page 5



INTERVIEW

ROBERT CHAMPION de CRESPIGNY

Mr Robert Champion de Crespigny has become the 13th Chancellor in Adelaide University's 126-year history.

Mr Champion de Crespigny is founder, Chairman and Chief Executive of Normandy Mining Ltd., Australia's largest gold and industrial minerals producer. He is also Chairman of the South Australian Museum, Chairman of the Australian Gold Council, a member of the Council for Aboriginal Reconciliation, a member of the Business Council of Australia and a Director of the Minerals Council of Australia, Executive Committee.

Adelaidean journalist John Drislane spoke with Mr Champion de Crespigny about his new role.

What connections did you have with Adelaide University before your appointment as Chancellor?

I've had a variety of links with the University over the years. When Normandy first came to Adelaide 12 years ago it contributed \$350,000 to the Hanson Centre for Cancer Research at the Institute of Medical and Veterinary Science (IMVS).

There's also a family connection. My grandfather's brother, Sir Trent Champion de Crespigny, was one of the founders of the IMVS. He was Dean of the Faculty of Medicine from 1929 to 1947 and his name appears on the University's Honour Wall of World War One combatants.

Another connection I have is with the Graduate School of Management. I became a member of the School's Management Advisory Board in 1990 and was Chairman from May 1993 until April 1994.

I was also joint Chair, with [former Chancellor] Bill Scammell, of the Mawson Appeal Fund. I am currently the Chairman of the South Australian Museum and, with Professor Tim Flannery [Museum Director] and his predecessor Dr Chris Anderson, I've spent a lot of time trying to build the relationship between the Museum and the University.

Many of Normandy's employees—and many of my friends—are ex-Adelaide University, and my other connection is that I have two sons studying here.

As a busy executive, why did you agree to take on the additional challenge of University Chancellor?

It was a real honour to be asked. In my position you are asked to do a lot of things but you can't accept them all. This is a different area for me and I am honoured to take on the role.

Like so many other people, I believe we have to make sure Adelaide University is the cornerstone of South Australia. If we don't get this right, South Australia will have very real problems in the future. That's why it's crucial that the University becomes one of the great universities of the world by 2022. Many business people believe that Adelaide's greatest potential industry is education.

What are the University's strengths?

I'm still learning. It's one thing to be told what the strengths are, it's another for me to give you an informed reply. Certainly, having a dedicated team of staff who really love the institution has to be a strength. Another is that South Australians clearly want Adelaide University to be a contributor to the community.

The University's history is often given as a strength. I have a great love of history but I think institutions need to be careful not to be retrospective, not to use their past as a kind of protective mechanism. This University has a distinguished history and it is a strength in so far as it enables us to advance confidently towards our goals.

What to you see as the main challenges facing the University over the next 20 years?

The biggest challenge I see is to honour the University's vision of being a great world university by 2022. It is an admirable vision but I'm not sure that the institution as a whole has grasped it fully yet. Part of achieving that vision will be to attract top students and staff and have properly funded, relevant research.

The other great challenge, as I see it, is for the University to play a bigger role in public debate. It's time that key staff in key areas of Adelaide University contributed to Australian debate on issues. I cannot recall hearing a statement from any academic in relation to the republic debate, the GST debate or any major community issue. We've got the best brains in this State—and some of the best brains in Australia here—and

we should be leading these debates if we want to develop this institution.

As I frequently said during the republic date (and I am very pro-republic): where are the academics? where are the great historians? Professor Geoffrey Blainey, who taught me, is one of the very few academics who has a profile. His position on immigration, which I believe has been very misinterpreted, is a major contribution to the debate. The Church speaks out on nearly everything and it's time the University did. I think that will be a very important part of raising our profile.

Professor Tim Flannery's contribution since he has come to Adelaide has possibly, possibly, been greater than the whole of this University's contribution. Have a look at Body Art, the body piercing and tattooing exhibition that he's running—what a wonderful thing. You have the Gods and Heroes exhibition at the Art Gallery and next door you have this exhibition bringing back 16-25 year olds to the Museum. What an exciting contrast.

What role do you see for the University's alumni?

The role of alumni is essential for the future growth of the University. We have to make the relationship a two-way one. The alumni network should not only be a way for alumni to stay in touch with one another and with the University; it should also be a way for us to ensure we become one of the great institutions of the world.

The daughters and sons of this University have done brilliantly, but we won't be seen as a great university by 2022 unless they are promoting us more aggressively. It's going to be a challenge developing ways of doing that. We've obviously got to make it an institution of which they're proud and enunciate and help us market that feeling.

What impact do you believe e-universities will have on higher education?

I think it's too early to judge. There's no doubt that there are marvellous opportunities to sell Australian courses internationally but it's too soon to know whether the e-university structures will work and whether they'll make money. I have the same kind of worry about my own industry where some people believe that e-commerce exchanges are going to be the



“The biggest challenge I see is to honour the University's vision of being a great world university by 2022.”

saviour. I think that's too simplistic.

We've got to wait and see if we want to be in it or not, then develop our own strategies. To suddenly design a whole education system overnight is tough. Remember that the drivers of a lot of this are massive international companies with tremendous access to dollars, a very different profile to traditional universities that are being used to supply a bit of the jigsaw.

How do you view the corporatisation of universities, particularly their closer working links with industry?

Working links with industry are absolutely essential for universities. It's a pity that it seems to be so segmented on both sides: the obvious academics go out and work with industry, but there's not enough flow between the sectors.

We've got some very intelligent people at our company—people with PhDs etc. Not enough of these people are coming back for three years to teach and lecture at university, and vice versa. We all need to do a lot more in that area and not just look to governments to do everything for us.

Letters to the Editor

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

LETTERS TO THE EDITOR

Chancellor's committee



Concerning the Chancellor's successful move to have the decision-making power of Council delegated to a small subcommittee presided over by him:

Given that Council passed this proposal 13-7, with academic staff and student representatives voting against, its implementation will lead to widespread dismay and disillusionment amongst the members of the University. Common sense indicates that the change should be delayed until the members of the University can be convinced of its need.

Bob Clarke
Department of Pure Mathematics

Oliphant's role in radar



While not wishing to detract in any way from the breadth of achievement of Sir Mark Oliphant, your front-page tribute (*Adelaidean*, 31/7/2000) perhaps assigns to him a greater role in the development of microwave radar than was in fact the case—or, at least, my understanding of it.

You state that “following the inset of the Second World War, his research focus changed to support the war effort. Initially he was in charge of a team at the University of Birmingham which successfully developed microwave radar”.

If I may quote from *Britannica* (1958 Edition): “beginning about 1938 the British made strenuous efforts to develop sources of high-power pulses at microwave frequencies because of the importance of narrow radar beams in the air-borne equipment they were then attempting to develop”.

The breakthrough came in December 1939 with the intervention of the cavity magnetron by JT Randall who had come to Birmingham in 1937 with a Royal Society research fellowship as a senior researcher under Professor Oliphant.

A decade and a bit later I was working on the development of microwave radar at the Radar Research and Development Establishment in Malvern, UK only a short distance from Birmingham. I was told of the crucial importance of Randall's invention as the single most significant breakthrough which had made microwave radar feasible but at no time was any reference made to a “team at the University of Birmingham which successfully developed microwave radar”.

Following the secret British mission in 1941 which took the precious magnetron to the US,

the most successful work on microwave radar technology was done by the Radiation Laboratory at MIT. In the 1950s the many volumes of their well-respected Radiation Laboratory Series of books were a goldmine for workers in this still-fertile field of research and development.

I should be very interested to know the source of your reference to a “team” at Birmingham. All my technical books were dispersed among the libraries of the three SA Universities when I sold my house last year, so now I have no immediate access to references such as “One Story of Radar” by AP Rowe, a former Vice-Chancellor of the University of Adelaide, which perhaps would shed further light on the subject.

With best wishes for the continued success of *Adelaidean*,

James W Crompton
former Director, Weapons Systems Research Laboratory, DSTO, Salisbury

EDITOR: According to the Oliphant biography, *Oliphant: the life and times of Sir Mark Oliphant* (Cockburn, Stewart & Ellyard, David: Axiom Books, Adelaide, 1981), JT Randall was a member of Oliphant's radar research team. The team comprised researchers from many universities, including Oxford, Cambridge, London, Bristol, Liverpool, Manchester and Birmingham.

Adelaidean

Volume 9 Issue Number 14

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Cadillac Color

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Museum director our new professor

THE Director of the South Australian Museum, Dr Tim Flannery, has been appointed an Affiliate Professor of Adelaide University.

The move is the latest in a range of initiatives which improve cooperation between the University and the Museum.

Professor Flannery is an eminent Australian scientist and writer. A biologist by profession, his undergraduate degree was in the humanities, majoring in English literature. He received a Master of Science at Monash University, focusing mainly on palaeontology. His doctorate, using computer-based algorithms to explain evolutionary trends in kangaroos, was completed in the School of Zoology at the University of New South Wales.

In 1985 Professor Flannery was appointed to the Mammal Section of the Australian Museum, Sydney, where he later became Principal Research Scientist. His research focused on the mammals of Melanesia, and as part of his research he undertook 15 major expeditions into remote parts of Papua New Guinea, Irian Jaya, and the Melanesian islands. This work resulted in the publication of two books, the first of their kind to document comprehensively the mammalian faunas of Melanesia.

Professor Flannery has published around 90 refereed research papers, many of which have concerned the systematics of living and fossil mammals, but also dinosaur systematics, biodiversity, ecology, palaeoecology and taphonomy. He has described 32 new species and subspecies of modern mammals, principally marsupials (including two species and two subspecies of tree-kangaroos), murids and bats, and also species of extinct mammals and two new families of Cretaceous monotremes, which were published in *Nature*.



Director of the SA Museum, Professor Tim Flannery.

In 1990 Professor Flannery was awarded the Royal Society of New South Wales Edgeworth David Medal for the advancement of science by a young researcher, and in 1996 he received one of Australia's most prestigious scientific awards, the Eureka Prize for Environmental Research.

Professor Flannery's research interests are widespread, including Australasian history, evolutionary biology and human cultural trends. His commitment to popularise science has seen him publish numerous articles dealing with biological or conservation issues in a wide variety of magazines and journals, as well as his work with the ABC in both radio and television.

Adelaide University's Vice-Chancellor, Professor Mary O'Kane, said she was extremely pleased with Professor Flannery's appointment to the University.

She acknowledged that Professor Flannery

had been very active in seeking avenues of cooperation between the Museum and the University, "and we look forward to his personal contributions to the activities of the University", she said.

Professor O'Kane said that along with Professor Flannery's appointment, the University had agreed to contribute funding to around three new research positions in the Museum, with the appointees being involved in collaborative research and education with Adelaide University staff.

"We are also looking at establishing honours scholarships with joint supervision by Museum and University staff, joint advertising and sponsorship of lecture and seminar series, and exhibitions," Professor O'Kane said.

An interview with Professor Flannery will be published in a future issue of the *Adelaidean*.



Integrated industry

I recently attended a search conference organised by the Grains Research Development Corporation (GRDC) on the future of the grains industry. Why me at a grains function? Well, our University is a major contributor to the sector. We're involved in joint wheat and barley breeding programs with the South Australian Research and Development Institute (SARDI) and our Department of Plant Science undertakes major grains research in its own right. The University is also a key player in the CRC for Molecular Plant Breeding. Between 1997 and 1999, we earned more than \$15 million in direct research funding from the GRDC.

The search conference was fascinating because it brought together people from all aspects of the industry—growers, environmental experts, flour millers, food companies, grain companies, exporters, researchers in the public and private sectors, research funding bodies, educators and marketers. What made the meeting so special was that in working through all the problems associated with the industry—an industry worth \$5.8 billion in annual exports—it became clear what needed to be done to secure its future.

There was general agreement that the sector needs to develop strong interaction and communication between all stakeholders, with a shared vision, plan and targets. There was also widespread agreement that it should consciously model its approach on the wine industry, where integrated planning has achieved significant increases in exports. (The wine industry's strategies have proved so successful that it has overshot its major targets by quite a margin.) Having agreed that this was a major issue, the conference participants then turned their attention to how it would be achieved and what first steps were needed. All involved felt we had attended a meeting that was probably seminal for the future of one of Australia's most important industries.

It was encouraging to see an industry that, in some ways, is depressed take the first steps towards a better and more sustainable future. It made me think about the higher education 'industry'. We rarely bring all the stakeholders together to see if (together) we can work out a better and more hopeful future for this industry. To some extent we do it in national reviews such as the West Review when all interested parties are asked for submissions. But I suspect there are better mechanisms. A search conference could be well worth a try.

Whatever we do, it is deeply important that the higher education institutions do not see themselves as the industry or believe themselves to contain all the wisdom on higher education. There are many players in this game—students (Australian students, students from overseas, undergraduates, postgraduates, distance learners), governments (State and Federal), prospective students, disadvantaged socio-economic groups, education funding bodies, academics, educators for other sectors, researchers, research funding bodies, the private sector that uses our education and research output, research partners such as CSIRO and DSTO, marketers, venture capitalists, and the general public. All can contribute. (Many of them visit us on Open Day, 13th August this year.)

If these groups could get together in effective ways to develop a common vision for Australian higher education, we might have a stronger commitment to the knowledge economy about which we hear so much. We might have a more widespread determination to ensuring that our higher education sector flourishes and is able to contribute more appropriately to the future of our country.

MARY O'KANE

Pilot partnership with Underdale

ADELAIDE University is set to enter into an innovative pilot partnership with Underdale High School in an attempt to increase the number of students attending the University from Adelaide's western suburbs.

The University's Vice-Chancellor's Committee has given its endorsement to the pilot, which will model how schools and universities can cooperate to advance learning opportunities for students and staff.

Executive Dean of the Faculty of Science Dr Alastair Blake has been appointed convenor

of a working party which will establish a detailed program of the pilot.

He said the proposed partnership would promote pathways for students in the western area to access higher educational opportunities across a range of disciplines.

"It's envisaged that the provision of a variety of stimulating and challenging programs in the form of student and staff exchanges will enable school students to familiarise themselves with university life, and help to bridge the gap in learning styles between school and university," he said.

Disciplines which could possibly be included as part of the pilot include

Commerce, Mechatronics, Biotechnology, Biomedical Science and Computer Science.

Underdale High School principal Ms Olivia O'Neill said it was hoped the pilot could address the concern that for many students in the western area, tertiary study is not an expectation.

"A lack of confidence rather than ability keeps many students out of higher learning," she said. "A variety of exchange programs of staff and students will familiarise students with university life."

The State Department of Education, Training and Employment has also given its strong support to the pilot partnership.

Closer research links with India

UNDER an innovative new staff exchange scheme, an Indian academic has been visiting Adelaide University's various campuses this month.

The scheme is the Research Management Project, initiated this year as a cooperative project between the Australian Vice-Chancellors' Committee and its Indian counterpart, the Association of Indian Universities.

The project invites research leaders from Indian universities to gain an appreciation of best practice in Australian research management, and encourages Australian university researchers to enter into cooperative partnerships with research centres in India.

Dr Krishan Jindal is Director of Research at the Dr Y S Parmar University of Horticulture and Forestry. He has organised and participated in international projects, and is especially interested in technology transfer,

particularly to rural areas, villages, women's organisations and youth training courses.

During his time in Adelaide, Dr Jindal visited researchers and centres at the Waite, Roseworthy and Adelaide campuses as well as a number of government departments and independent bodies.

"We are receiving guidance on how to increase production of our fruits and on crop diversification," said Dr Jindal.

"We need to enrich our plant material and improve its genetic diversity and our post-harvest technology."

On his return to India Dr Jindal hopes to develop collaborative projects between his scientists and those at Adelaide University, and devise ways in which young Indian scientists can come here to be trained in the use of recent technologies.

Dr Jindal also hopes to develop the exchange of information and resources between university libraries in India and Australia.



Dr Krishan Jindal, visiting Adelaide to establish closer research ties with India.

Golden Keys to Green Australia

ON Sunday 27 August, universities across the country will join Greening Australia in a day of activity to help improve our environment.

The Adelaide University Chapter of the Golden Key National Honour Society will join Flinders University and University of South Australia chapters in helping to revegetate the Glenbrook scrub.

Volunteers will be working in stringy bark woodland and will be planting the understorey among the trees. This will consist of wattles, acacias, kangaroo bushes and other plants collected from seeds in nearby remnant bushland.

Since the launch of the initiative in 1997, approximately 800 Golden Key members have worked alongside Greening Australia to become directly involved in "hands on" conservation projects. Activities have included the planting of indigenous trees, shrubs and grasses to protect native wildlife habitats, link areas of natural vegetation, control erosion along waterways and help enhance our native grasslands.

If you're interested in joining in 'Plant A Tree' day please e-mail Ching at <changcy@yahoo.com> or Huy at <huy@camtech.net.au>.

—Andrew Starcevic

New medical professors emerge from fundraising efforts

FOUR new professorial positions will be created in the Faculty of Health Sciences at Adelaide University thanks to fundraising efforts, according to the Vice-Chancellor.

In her report to the University's Council on 31 July, Professor Mary O'Kane outlined a range of new initiatives emerging from fundraising.

Some of these, such as the donation of a Sun Microsystems supercomputer to physics researchers at the University, have previously been reported in the *Adelaidean*.

The most significant news from the Vice-Chancellor's report was the announcement of four new professorial Chairs in Health Sciences.

The Women's & Children's Hospital has agreed to provide \$950,000 over five years for the professorial **Chair of Paediatric Surgery**, with associated technical and administrative support.

The Royal Adelaide Hospital (RAH) is providing \$465,000 over five years towards a **Chair of Anaesthesia**.

The Anti-Cancer Foundation is providing \$500,000 over five years and the RAH \$650,000 over five years towards a **Chair of Cancer Research** and another in **Cancer Medicine**. The Faculty of Health Sciences will contribute \$100,000 a year towards this project from its Cancer Research endowments.

In addition to this funding, the Institute for Medical & Veterinary Science (IMVS) has agreed to provide the Medical School with a floor in its new building to accommodate these developments, the Vice-Chancellor said.

The Adelaide Bone & Joint Research Foundation (ABJRF) has also given Adelaide University \$200,000 to support research in the Department of Orthopaedics & Trauma. These funds will contribute to the salary of the "ABJRF Research Professor" in that Department, a position currently held by Associate Professor David Findlay.

"Our University is having considerable success in raising external funds and donations this year, and these initiatives are very exciting and a credit to the staff



involved," Professor O'Kane said.

Meanwhile, fundraising at Adelaide University has been restructured following consultation with Council members.

The Executive Director of Finance & Infrastructure, Mr Tony Siebert, now has overall responsibility for the University's fundraising activities, as well as University interaction with alumni and "friendraising" activities.

Dr Norman Ashton, who is now known as Pro Vice-Chancellor

(Development), has a specific focus on development and, in particular, has set himself the target of raising funds for 55 scholarships by the end of the year.

A VCC subcommittee, chaired by the Executive Director of Student & Staff Services, Mr Ian Creagh, is reviewing how to ensure that internationalisation issues are encouraged and coordinated.

More information about the last Council meeting can be found on page 3 of the Bulletin Board.

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Electoral "fairness" unfair: research

From Page 1

"But the fairness clause only deals with one aspect of fairness, which is whether one major party is unfairly denied government," he said.

"It does not deal with fairness to minor parties. For example, the Democrats got more than 16% of the primary vote in 1997, but won no seats.

"Nor does the clause address the question of the under-representation of a losing party, which was quite gross in 1993 when the Labor Party received 39.1% of the two-party preferred vote, but won only 21.7% of the seats."

The fairness clause was introduced after Liberal Party expressed concerns the existing one vote-one value system had not been treating it fairly over a number of elections. This feeling was heightened by the 1989 election result, in which Liberal won 52% of the two-party preferred vote, but fell one seat short of forming government.

The one vote-one value system had in turn replaced the weighted-voting system or so-called "Playmander" (named after long-serving State Premier Sir Thomas Playford), which the Labor Party thought discriminated against it during the 1950s and 1960s by giving weighted votes to rural areas.

"One of the most important things to come out of the fairness clause is that the electoral commission cannot guarantee fairness, because it cannot be certain about patterns of swing at any particular election," Mr Evans said.

"It does mean that a disadvantaged party will be assisted at the next redistribution, but it does not mean that such a party will not be advantaged at a future election."

Mr Evans said the only way of redressing the problems inherent in all single-member elected systems (the system used in South Australia) is to change the structure of Parliament to proportional representation (as used in Tasmania)—but both major parties are vehemently opposed to doing this.

"Only proportional representation can go close to doing what the current fairness clause legislation sets out to do," he said.

"Proportional representation systems produce results with a closer relationship of votes and seats, but neither major party wants it in the Lower House, because they fear that minor parties would gain the balance of power, and would be able to conduct a Dutch auction with the major parties.

"All in all, the fairness clause has produced results which are as fair as could be given the constraints of the single-member system and South Australia's distinctive political geography.

"However, many issues remain unaddressed. The adoption of a proportional representation system would make for fairer results, but could lead to other, more damaging problems such as Government instability.

"There is no perfect electoral system in the world."

—Ben Osborne

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EXPERT PANEL

NUCLEAR WASTE IN SOUTH AUSTRALIA

RADIOACTIVITY is a hot topic in South Australia, especially since the north of the State has been suggested as a premier site for a nuclear waste storage facility. The issue has received extensive media coverage, ranging from factual stories, forums and surveys, to conjecture and opinion columns.

Universities use radioactive materials in a variety of ways, and must store and dispose of them properly; Adelaide University is one of several institutions around metropolitan Adelaide which store radioactive waste.

Because of the public attention drawn to the topic, the Adelaidean's science journalist, Dr Rob Morrison, invited comment from three South Australian experts:

Dr Gerald Laurence—Radiation Safety Officer for Adelaide and Flinders universities. He was a member of the Australian Ionizing Radiation Council from 1990-95 and is a member of the South Australian Radiation Protection Committee.

Dr John Patterson—Associate Professor in Adelaide University's Department of Physics & Mathematical Physics. Since 1986 he has been the Physics Department's radiation safety officer, and holds two radiation licences.

Dr John Prescott—Emeritus Professor in Adelaide University's Department of Physics & Mathematical Physics. He has played a key role in nuclear science in Australia and overseas for many years, and was one of the first people appointed to the atomic energy section of Australia's Council for Scientific and Industrial Research and, later, the Atomic Energy Commission.

The question of risk

Professor Prescott:

I have been engaged in some aspect of nuclear physics for all of my professional life and the issues involved have long been familiar to

“The most rapidly growing use of radiation in SA is the use of neutron moisture meters to monitor soil moisture in vineyards. This is to produce better wines and make the most economical use of irrigation water.”

me. I therefore find it irksome that, almost without exception, the reporting of the topic in the media shows that the individual reporters concerned are ignorant of the scientific issues involved.

The same is true of statements attributed to politicians. A classic example occurred [in the media] about two years ago. It featured the three party leaders, and the matter under discussion was the transport of radioactive material to Woomera. It was clear that none of those in the discussion, including the talk host, had any more than a vague idea of whether the materials involved any risk to the public in general or to individuals and, if they did, why.

The element missing from almost all discussions is any assessment of risk. In other words, what if any is the risk to the population in general and South Australians in particular. People make judgements of “risk” every day of their lives. Usually our willingness to take a risk depends on how familiar we are with the situation. For example, do we cross the road now, or is it safe to drink this water? Those who climb Mt Everest do so in the knowledge that it is very, very risky. Decisions affecting risks to the population in general are being made all the time by authorities and governments.

There is some level of risk for handling and storing radioactive material, just as there is some risk in handling farm and garden chemicals, or running an X-ray machine, and the risk depends on the total amount or number of items. For radiation safety, the ALARA Principle applies, viz, As Low As Reasonably Achievable. And this is done by adopting three working rules: When dealing with radiation, stay as far away as possible, provide suitable shielding and keep your stay short, or stay away.

These principles apply to any proposal to store radioactive materials in South Australia and it is on this basis that any proposal must be judged. Emotion is a poor substitute.

Dr Laurence:

My views are formed from 25 years experience in maintaining a radiologically safe environment for my colleagues and overseeing the safe use of radiation in SA so that workers and the public are not exposed to undue risk from ionising radiation.

There is a need for a storage facility for low and intermediate level wastes independent of concerns or assurances about a high-level facility. These wastes exist now. Concerns about safety make it sensible for storage to be undertaken as a public good rather than for hundreds of individual organisations to be responsible for the long-term management of individual repositories.

Public management of any form of dangerous waste is more likely to produce satisfactory outcomes than private storage and there are management advantages in having just one store for Australian waste. The operation of the store will have to comply with the Australian standards. The material is covered by State and Commonwealth radiation safety legislation while it is in current use and will not become exempt from these requirements by being transferred to the store.

A storage facility for South Australia?

Dr Patterson:

Australia has a national responsibility to dispose of its radioactive wastes from hospitals, universities and the Australian Nuclear Science and Technology Organisation safely, securely and environmentally responsibly. I strongly support the establishment of a National



Locked away: neutron moisture probes. Photo: Rob Morrison.



Dr Gerald Laurence being filmed by a cameraman for Channel 9's A Current Affair. Photo: Rob Morrison.

Radioactive Waste Repository for low and intermediate level waste produced in Australia.

The best arguments for the establishment of a radioactive storage facility [in South Australia's far north] are environmental considerations—low rainfall, it is away from underground water, distant from population centres and has stable geology. There are no

scientific, only political, reasons [against such a storage facility].

The question [of a high-level facility] is hypothetical. There should be minimal or zero high-level waste. No high-level waste facility is planned for Australia. Unfortunately, people are not willing to believe the government.

Continued Page 6

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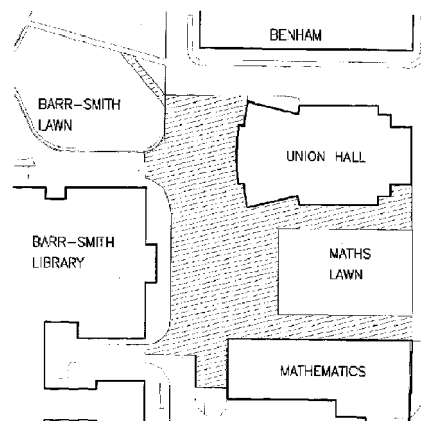
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Lower Level Site Development

Landscape Stage 3

Stage 3 of the landscaping plan for the Lower Level Site Development is to commence mid September 2000. This will involve pavement, seating, trees and grassing to the area between the Barr Smith Library, Union Hall and the Mathematics Building. Bollards are to be located across the roadway at the southern and northern extremities of the area restricting traffic to pedestrians only to the boulevard. Upon completion limited emergency and maintenance vehicles only will be permitted entry to the boulevard. These works are scheduled to be completed before the end of the year.

Temporary pedestrian access will be possible during the construction period. Any queries regarding pedestrian or vehicular access during the construction period are to be directed to Heath Price, ICMS, ext 33399.



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Mining awards highlight environment efforts

FOR the third time since the prestigious biennial Resources Industry Awards were established in 1996, the mining industry has put its environmental expertise on show.

In one of its most significant events of Resources Week 2000, the South Australian Resource Industry hosted its Environmental Excellence Awards on 7 August.

The awards recognise excellence in two aspects of the mineral, petroleum and extractive industries: 'innovative technology and engineering' and 'best practice methodology.' Past and current entries have featured diverse innovations including improved mining techniques, rehabilitation projects, solar and waste minimising technology, environmentally sensitive exploration and improved reporting.

Despite a field of 13 entries this year, the judges decided against making an excellence award, not because entries were poor in quality but because they were too uniformly good.

"The benchmark for industry is set at very high levels," said Mr Bob Goreing, CEO of the SA Chamber of Mines and Energy, and chair of the judging panel.

"The panel is looking for something that stretches those boundaries by a real space. In an industry such as the resources industry, where the benchmark for standard practice is so high, it has been difficult for the panel to find an entry that eclipsed the field," he said.

The judges did award a commendation to Flinders Power for their rehabilitation of the Bowman's Trial Coal Pit, now largely filled by ground water. The project involved reshaping the sides of the pit, revegetating the surrounds and preventing wave erosion of the banks.

While there was no excellence award, Adelaide University shared in an unplanned presentation.

"The judges felt that a set of three entries entered by WMC collectively displayed a level of corporate citizenship that did demonstrate this space between standard practice and industry leadership. Unfortunately, the judges felt that the suite of entries didn't quite fit the award criteria," explained Mr Goreing, "so they exercised their licence as a judging panel and declared a special judges' award for leadership in corporate citizenship."

The trio of entries included Best Practice Community Reporting, a project involving the donation to government of land containing mound springs to be included in the Wabma Kadarbu Mound Springs Conservation Park, and the Arid Zone Recovery Project.

The Arid Zone Recovery project is a joint venture between WMC, The Department of Environment and Heritage SA, Adelaide University's Department of Environmental Biology and the Friends of the Arid Zone Recovery Project. It aims to restore 60 square kilometres of arid zone land at Roxby Downs to pre-European condition.

Feral pests have been eliminated, and cat, rabbit and fox-proof boundary fences erected. Old mining equipment is recycled for fence posts, erosion control and shelters for native animals that have been re-introduced. A range of innovative technological approaches are developing transferable and cost-effective wildlife management solutions, and the project provides training for secondary and tertiary students.

"Although the judges agreed that the project fell outside the strict guidelines, they were most praising of it," said Mr Goreing. "The sense of collaboration and purpose struck us, and also the balance between high and low technology, cost effectiveness and project durability," he said.



—Rob Morrison Environmental Biology researcher Brydie Hill with a Bilby at a WMC site. Photo: David Paton.

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EXPERT PANEL

NUCLEAR WASTE IN SOUTH AUSTRALIA

From Page 5

Dr Laurence:

While we have a responsibility to our own citizens to handle our radioactive waste sensibly and safely, the argument that as an exporter of uranium Australia has a responsibility to store wastes from that material ignores the responsibilities of the purchasers.

Professor Prescott:

Since at least 1993 The National Radioactive Waste Repository Study has been seeking suitable locations for a repository for low-level waste. Many possible sites were considered, and now a final assessment of several sites in South Australia is about to be made.

From a risk point of view, the site is remote so that few people need ever be near it. It also has the possibility for being more secure than the places where the materials are stored at present. The geology of the area should ensure that the radioactive substances stay where they are put. In the case of these sites, shielding by burial would be possible although I understand that this is not proposed at this time. In my view, the sites pro-posed are suitable and will constitute no risk to the people of Australia.

The same principles apply to the location of medium and high-level waste but it is my understanding that no decision has been made and that no decision need be made until 2005.

Dr Laurence:

The site requirements to minimise the harm to the public and the environment (geology, access, geomorphology etc) made sites in SA likely choices. The risk posed to South Australians by the store is extremely low and much less than the risk from the many smaller stores in suburban areas.

Risks can be assessed in areas such as:

1. radiation dose at the store—the exposure of site workers can be estimated and is certain to be very much less than the current annual dose limit of 20 milliSievert per year, and can be easily monitored and controlled.
2. leakage of material from the store into the environment—transport of material through the soil is

limited by siting the store in a low rainfall area. Transport to the water table is limited by the site characteristics. In many parts of SA natural radioactive materials have not entered underground water systems in significant quantities. Local floods are a much larger hazard to materials currently stored in urban areas around Adelaide.

3. transport of waste to the site...

How should radioactive wastes be transported?

Dr Patterson:

In accordance with the strict conditions laid down by the Australian code of practice for safe transport of radioactive materials. There are restrictions placed on transport through populated areas.

Dr Laurence:

The national and international regulations for the transport of radioactive materials provide no significant exposure to populations through which the waste is transported; much more hazardous material is transported by road every day, such as LPG, chlorine, ammonia and so on.

Final comments

Dr Patterson:

The real agenda is to stop the replacement research reactor and deny Australian science, hospitals and industry access to a state-of-the-art facility and medical/industrial isotopes.

Dr Laurence:

These wastes exist now. The medium-level waste from the Australian Research Reactor at Lucas Heights will need to be stored when the reactor is decommissioned, regardless of whether a replacement reactor is built.

One claim made by opponents of the store is that a store will ruin South Australia's "clean, green, food and wine" image. Ironically the most rapidly growing use of radiation in SA is the use of neutron moisture meters to monitor soil moisture in vineyards. This is to produce better wines and make the most economical use of irrigation water. The neutron sources need to be stored in a low or medium-level waste repository when their working life is over.

Host families find cultural rewards

THINK student accommodation at Adelaide University and the renowned colleges such as Aquinas, Lincoln, St Mark's and St Ann's spring to mind.

One location that probably won't feature prominently on too many people's lists for accommodation is the Esselbach household at Banksia Park.

While not on the same scale as the big colleges, families like the Esselbachs are providing a vital accommodation service for many overseas students at the University.

They look after an increasing number of students undertaking short courses through the University's Centre for Professional and Continuing Education (PCE).

Rod and Eryl Esselbach have been a host family for PCE since 1991, and say they love the experience of having people from another culture in their household.

They are currently looking after 22-year-old Japanese education student Reiko Hata, who hails from Kobe.

"It's a very rewarding experience, there's no doubt about that," Rod said. "I guess we find it very enriching to have a person from another culture stay with us."

"All the students that we've had since we've started have been very nice, and we still keep in touch with a lot of them," Eryl said. "It benefits us not only because of the contact with the students themselves, but also



Reiko Hata (centre) with host family Rod and Eryl Esselbach. Photo: Ben Osborne.

because we often meet with other host families from around Adelaide."

Reiko is studying how Japanese is taught in an English-speaking education system, and hopes to incorporate her findings as part of a possible career in teaching either Japanese or English in Japanese schools.

She said her studying has been made easier by the fact that she is well looked after.

"I have really enjoyed my time in Australia so

far, and having such a nice host family has been a big help," she said.

The Centre for Professional and Continuing Education is looking for more local families to become host families, with stays by overseas students beginning at just one month.

If you think you can help, or would like to find out more, contact PCE on 8303 4777.

—Ben Osborne

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PUBLIC SPEAKING

Do you find speaking in front of people hard?

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Rostrum Club 11 is a public speaking club, which helps its members develop their meeting procedure skills, and presentation and public speaking skills. The club meets every 2nd and 4th Wednesday of each month, at the University of Adelaide Club.

For more information ring Peter Wetherell (President) on 8331 7893 or Vera on 8303 3149.

REMINDER

Over the past two weeks, the Alumni and Community Relations office distributed letters to current financial members of the Alumni Association, informing them of the recent abolition of membership fees.

If you have not already returned your Authorisation Form to the Alumni and Community Relations office, could you please do so at your earliest convenience. To obtain further information please contact the Alumni and Community Relations office on 8303 3943 or via email at <alumni@adelaide.edu.au>.

Travel grants a passport to further study in Australia and abroad

TRAVEL grants are again being offered to Adelaide University postgraduate students through the Alumni and Community Relations office.

Up to three grants in total, each worth \$2500, are available to assist doctoral candidates to: (a) travel to a conference at which the student will present their work; or (b) travel to another institution to learn a particular method essential to their work (which cannot be learned at Adelaide).

Such travel may be undertaken within the State, within Australia, or overseas.

David Lando was one of the successful applicants from the April 2000 round of the Mutual Community Postgraduate Travel Grants. David used his grant to attend the "Hypoxia and its Role in Angiogenesis" conference held from 25-30 June 2000 at the Centro Stefano Franscini.

This Centre is a meeting and workshop facility run by the Swiss Federal Institute of Technology and is located on mount Verita above the small village of Ascona, which is

in the southern region of Switzerland.

David gave a poster presentation of his current research into the role of the redox protein Ref-1 in the regulation of the Hypoxia-inducible Factors.

Following his return David said: "My ability to attend this conference has allowed me to gain invaluable insight into the current ideas of hypoxia research which will definitely aid me in my own doctoral studies".

Application forms for the September round of these grants/awards can be obtained from the Alumni and Community Relations office located at 44 Kintore Avenue, or can be sent via the internal mail, or can be downloaded from the Alumni and Community Relations website at: <www.adelaide.edu.au/pvc-id>.

The deadline for submission of applications is 5:00 pm on Friday 15 September, 2000.

For further details on these grants please contact Kim McBride, Coordinator, Alumni and Community Relations Activities at (08) 8303 3196 or <kim.mcbride@adelaide.edu.au>.

—Kim McBride

Illegal drugs headline forensics talk

THE international trade in illegal pharmacologically active chemicals is thought to be second in value only to the international trade in armaments.

The increasing availability of these various substances is posing a problem for law enforcement bodies world-wide. Difficulties in collecting sufficient credible samples in the various environments where the substances are commonly found, the drawbacks in the preparation of evidence which can be confidently presented in a court of law, and some of the scientific background to the development of methods of identification to obtain a conviction

are some of the areas to be discussed at the third talk in Evening Series 2000 organised by the Science and Mathematical Sciences Chapter of the Alumni Association.

The talk, entitled "The Detection and Identification of Illegal Pharmacologically Active Substances", will be given by alumnus Noel Sims from the State Forensic Science Laboratories.

This highly informative talk will address questions such as: Is the portrayal of the problem by the media real, or a beat-up? Can ground coffee beans help in the smuggling of narcotics? How "clean" will the Sydney Olympic Games really be?

The talk will take place on Wednesday, 30 August at 7.30pm in



the Rennie Lecture Theatre (Johnson Building east).

Admission is free. To obtain further details about this event please contact Robert Perrin on 8303 4965 or the Alumni and Community Relations office on 8303 5800.

—Robert Perrin

Adelaide University Alumni Association Free Registration Form

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Clarinetist urges music students to "break away" in performance

ADELAIDE University music students do not necessarily need to focus on performing the "classics" as a career, according to a visiting performance artist.

Highly acclaimed Victorian clarinetist, composer and visual artist Brigid Burke said she made the decision to "break away" from the traditional music performance career path while at university—a decision which turned out to be one of the best she has made.

Ms Burke was at Adelaide University recently to give a series of performances and workshops based around her "avant-garde" style, which involves using not only solo clarinet but also video, and live and pre-recorded electronics.

Master classes were also held at Adelaide University's Elder Conservatorium, which is a partner of the Helpmann Academy.

"I was in my second year of university when I stopped going down the classical road and went down the road that I was interested in, which is based around extending acoustic and electronic sound as well as adding my visual work in live performance," she said.

"It wasn't a move that was well accepted at the time, and I don't think much has changed in 20 years—it's often very hard to make the break from the traditional classical field to something else.



Highly acclaimed performance artist Brigid Burke. Photo: Ben Osborne.

"I think we've had about 60 students here for masterclasses that I've been doing, and hopefully some of them will now pursue their own individual musical interests. That doesn't mean to completely abandon the classical genre,

because it's still an invaluable part of learning to play an instrument, but to further explore what interests them personally and to see how far they can go in that regard."

—Ben Osborne

Death to liven Elder Hall

DEATH and the Maiden, one of the most popular works in the string quartet repertoire, will come to life during the Australian String Quartet (ASQ) concert in Elder Hall on Friday 25 August.

This will be the ASQ's third major concert of the 2000 season.

The event pairs two monumental masterpieces—Bela Bartok's String Quartet No 5, and Franz Schubert's String Quartet No 14 in D minor, "Death and the Maiden".

Bartok's epic piece is a rhythmic, melodic and exciting work. It is sure to be a rare treat for audiences, who have few chances to hear the quartets of the Hungarian composer because of the enormous challenges they set performers.

By contrast, Schubert's work is powerful and stirring, sure to set the audience's hearts racing. "Death and the Maiden" is one of the best-loved works of the master melodist.

Post-concert dinners at the South Australian Art Gallery Cafe have proven a runaway success. Audience members, sponsors and musicians all dine together surrounded by the works of Rodin, Boyd and others. All with the wonderful food of Adelaide's treasure Cath Kerry and the very fine wines of Petaluma. A few tickets remain for these dinners, so be quick.

6.00pm Friday, 25 August, Elder Hall, North Terrace. Concert bookings from BASS on 131 246. Tickets for the concert are \$36.30 adult/\$24.20 concession/\$12.10 under 26. Dinner bookings from the ASQ on (08) 8303 3748.

5UV's name change heralds new era

ADELAIDE University's radio station has a new identity.

From June this year University Radio 5UV has become 5UV Radio Adelaide as the first stage in a transitional plan to update the station's identity. Over the next couple of years the station will complete the transition and become known as Radio Adelaide.

"The name 5UV has very high recognition value in Adelaide, and nationally, but the name Radio Adelaide sends a much clearer message to listeners and the community," said Station Manager Ms Deborah Welch.

"5UV Radio Adelaide will enable us to combine both positives as we make the transition—it recognises our origins, but also gives listeners a clear message about both what we are and where we are," she said.

The decision to rename the station 5UV Radio Adelaide came about for a number of reasons. One was the station's increase in contact with listeners over the internet. 5UV Radio Adelaide has been one of the pioneers of internet broadcasting in South Australia, and was the first community radio station in Australia to broadcast over the internet.

The change of name also signifies a new era for the radio station. With news about the station's long-term goal to move to the FM band imminent, and digital broadcasting on the horizon, 5UV Radio Adelaide is looking to expand its scope and its meaning to the Adelaide community.

"Over the years 5UV has played a critical role in Adelaide, presenting varied but accessible programs which represent the life and culture of Adelaide in all its diversity. Our programs very much reflect our vision of Adelaide, which is a vibrant local community in a much larger global context," Ms Welch said.

"That vision includes a strong Arts component, as well as current affairs, diverse music, community service, education in its broadest sense, and reflecting on the local community and to the world what Adelaide is about in all its richness.

"The culture, ideas and discussion behind our programs have a very local flavour, but they're also very accessible to the rest of the world. We're hoping to take that to the next level in the very near future," she said, "whether we're on AM, FM or digital radio."

Recent surveys have shown a high recognition in Adelaide of the 5UV name, which is why it

remains part of the "new look" 5UV Radio Adelaide. A gradual name change is also easier for staff and, in particular, the many volunteers which comprise the station's main "workforce", Ms Welch said.

"The new name also makes it clear that we're the radio station of Adelaide University, not just any university," she said.

Meanwhile, 5UV Radio Adelaide was last month honoured for "truth, fairness and integrity in reporting" at the 10th annual Archbishop of Adelaide media awards. Competing against impressive entries from the mainstream radio stations, 5UV took out the radio citation for its series *Artists on the Edge*, produced by Anna Gillam.

The chairman of the judging panel, Fr John Vildzius, said *Artists on the Edge* was "an outstanding piece of cutting-edge radio, with high production values, exploring the culture of people with disabilities in the arts. A superb effort from a small station," he said.

5UV Radio Adelaide can be heard on 531 on the AM dial, on live on the internet via <www.adelaide.edu.au/5UV/>.

—David Ellis

ACCOMMODATION

AVAILABLE : 1 br unit, adjoining carport, phone, lounge, fully furn quiet tree lined street, walk to Waite 3 ks Uni. Avail end Aug. \$90 pw. Bond & refs required. Ph 8271 3386.

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FURNITURE: Table approx 5ft x 3ft, redwood \$95 ono. Armchair (old) in need of reupholstering \$20. Ph Gail 8303 6440 or 8346 0482.

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MISC: Table laminex top 150 x 75 cm with 2 drawers

perfect cond, vinyl based steel chair, teak bookshelf 180 cm (h) x 90 cm (w) with drawer ideal for office or study. Price \$150 the lot. Architects chair as new, hardly used. \$100 ono. Carpet sweeper (sabco), & hand carpet shampooer (sabco). Single bed mattress as new, price neg. Ph 8332 5208 or 8303 5084.

MITSUBISHI PAJERO: 1984, short wheel-base, 2.3lt turbo diesel, exc cond, long-range tanks, bull bar & alloy rims. UYV 570. \$6750. Ph 8272 1253 (ah).

MOUNTAIN BIKE: Gents. \$80. Ph 8295 1611 or 0419 814 120.

MOVING SALE: TV, VCR, Computer, fax-phone machine, vacuum cleaner, more, Ph 83384152.

Bulletin Board

AUGUST 14, 2000

ADELAIDE UNIVERSITY

PAGE 1

MONDAY 14 AUGUST

10.00am Politics Postgraduate Seminar: The Politics of Reconciliation by Stephen Jenkins; South Australian Aboriginal Protection Board, 1940-1962: the construction of assimilation policy by Margaret Macilwain. Room 420, Napier.

12noon Plant Science Seminar: Nutritional value of organically vs conventionally grown wheat by Mrs Julie Kitchen (PhD student). PS Seminar Room, Waite Campus.

1.00pm Clinical & Experimental Pharmacology Seminar: Chemical spills in South Australia - why worry? by Dr John Edwards (Environmental Health, Flinders Uni). Seminar Room, Level 6, Medical School, North Wing.

1.10pm Law Seminar: Why do we have no common law right of privacy? by Greg Taylor. Room 216, Ligertwood Bldg.

1.10pm Student Workshop: Learn deep relaxation by Mark O'Donoghue. Counselling Centre, Ground Floor, Horace Lamb Building.

2.00pm English Staff/Postgraduate Seminar: Masculinity, Rape and Racism in 'Dead End Drive-in' by Rebecca Johnke (English). Room 618, Napier.

3.30pm ACUE Seminar: Genre Analysis: A Tool for Life Long Language Learning by Ms Ursula McGowan (Coordinator/Senior Lecturer, ACUE). Seminar Room 2, Level 2, Schulz Bldg.

TUESDAY 15 AUGUST

1.10pm Student Workshop: Balancing family and relationship commitments with study by Mark O'Donoghue. Counselling Centre, Ground Floor, Horace Lamb Building.

3.00pm Architecture Public Lecture: Indonesian Architecture and Urbanism by Gunawan Tjahjono (Head, Architecture, University of Indonesia). The Forum, Architecture Building.

3.15pm Anthropology Seminar: Here/There: the Diaspora and Imagined Reality by Erez Cohen (Anthropology). Room 722, 7th Floor, Napier Building.

4.15pm History Staff/Postgraduate Seminar: Alcohol and sex in traditional Europe by Professor A Lynn Martin (History). Common Room 420, 4th Floor, Napier Building.

7.30pm Theatre Guild: Sex, power, politics - Shakespeare's Measure for Measure directed by Michael Baldwin. Tickets \$15/\$10 at BASS, Theatre Guild or at the door. Little Theatre, Union Cloisters.

WEDNESDAY 16 AUGUST

10.10am Electrical & Electronic Engineering Seminar: Self Organising Systems by Richard Bowyer (Defence Science & Technology Organisation). Room EM212, New Engineering & Mathematics Building.

12noon HCCR Special Seminar: The regulation of JAK/STAT signalling and the function(s) of Drosophila SOCS by Dr B Callus (Dana-Farber Institute, Boston, USA). Robson Lecture Theatre, Eleanor Harrald Bldg, RAH.

1.10pm Horticulture, Viticulture & Oenology Seminar: Distance to specification: How well does your product meet customer specifications? by Mr David Rutley (Animal Science/ Animal Genetic Technologies). Plant Research Centre Auditorium, Waite.

COMING EVENTS

14th August — 25th August

1.10pm Geology & Geophysics Seminar: The rifts that led to the Rodinian divorce by Dr Wolfgang Preiss (Principal Geologist, SA Department of Mines and Energy PIRSA). Mawson Lecture Theatre, Mawson Laboratories.

1.10pm Genetics PhD Update: Quenten Schwarz (third year). Seminar Room, Ground Floor, Fisher Building.

4.00pm Physiology Seminar: Cell Stress Response Pathways: Regulation of bHLH/PAS transcription factors by hypoxia and environmental pollutants by Dr M Whitelaw (Molecular Biosciences). Seminar Rm N416-417, Med School Nth.

7.30pm Theatre Guild: Sex, power, politics - Shakespeare's Measure for Measure directed by Michael Baldwin. Tickets \$15/\$10 at BASS, Theatre Guild or at the door. Little Theatre, Union Cloisters.

THURSDAY 17 AUGUST

12noon HCCR Seminar: Integrins, ras and papilloma virus: How viruses hijack cells by Dr N McMillan (University of Queensland). Robson Lecture Theatre, Eleanor Harrald Bldg, RAH.

12.05pm Psychology Seminar: Needs assessment in people with disabilities by Dr N Kirby (Psychology). Room 527, Hughes Building.

1.00pm Environmental Biology Seminar: Humble seaweeds, their plight against anthropogenic vandalism in a harsh and uncaring world by David Turner. Benham Lecture Theatre, Ground Floor, Benham Building.

4.30pm School Governance Seminar: Recent Developments in Victoria by Don Tyrer (DEET, Victoria). Flinders University. Enquiries: fax 8274 1199 or email: saier@cbconsult.com.au.

7.30pm Theatre Guild: Sex, power, politics - Shakespeare's Measure for Measure directed by Michael Baldwin. Tickets \$15/\$10 at BASS, Theatre Guild or at the door. Little Theatre, Union Cloisters.

FRIDAY 18 AUGUST

1.10pm Elder Conservatorium Lunch Hour Concert: Jane Edwards - soprano, Katharine Capewell - contralto, David Miller - piano (Distinguished visiting artists from NSW). Works by Rossini, Fauré, Schubert, Strauss and Brahms. Admission \$3 inc GST at the door. Elder Hall.

1.10pm Asian Studies Seminar: What is the Most Powerful Factor for Classroom Language Teaching by Ms Kazuyo Taguchi. Room 518, Level 5, Ligertwood Building.

1.15pm Inaugural Lecture: Follicles and Fibres for the future by Professor Philip Hynd (Animal Science). Lecture Theatre G04, Napier Building.

1.15pm Physics in the Spotlight: Atmospheric Physics by Dr R Vincent & Dr I Reid. Kerr Grant Lecture Theatre, 1st Floor, Physics Building.

4.00pm Obstetrics & Gynaecology Seminar: Intrauterine Programming by Mr Jason Ekert. Seminar Room, 6th Floor, Medical School, North Wing.

7.30pm Theatre Guild: Sex, power,

politics - Shakespeare's Measure for Measure directed by Michael Baldwin. Tickets \$15/\$10 at BASS, Theatre Guild or at the door. Little Theatre, Union Cloisters.

SATURDAY 19 AUGUST

7.30pm Theatre Guild: Sex, power, politics - Shakespeare's Measure for Measure directed by Michael Baldwin. Tickets \$15/\$10 at BASS, Theatre Guild or at the door. Little Theatre, Union Cloisters.

MONDAY 21 AUGUST

12noon Plant Science Seminar: Boron - the problem child of plant nutrition by Dr R Reid (Plant Science). Charles Hawker Conference Cen, Waite.

1.00pm Clinical & Experimental Pharmacology Seminar: The cyto-kinesis-block micronucleus assay - why is this method of measuring chromosome abnormalities finding wide applications in basic research, regulatory genetic toxicology, human biomonitoring, breast cancer research, ageing research and the nutritional sciences? by Dr Michael Fenech (CSIRO Health, Science & Nutrition). Seminar Room, Level 6, Med School, Nth.

1.10pm Student Workshop: Learn deep relaxation by Mark O'Donoghue. Counselling Centre, Ground Floor, Horace Lamb Building.

2.00pm English Seminar: Between the real and the really made up: Fictive strategies in Dan Billany's 'The Trap' by Paul Skrebels (Communication & Information Studies, UniSA). Rm 618, Napier.

TUESDAY 22 AUGUST

3.15pm Anthropology Seminar: What is going on here? Questions of Indigeneity and Tradition in Trinidad and Tobago by Max Forte (Anthropology). Room 722, 7th Floor, Napier.

4.15pm History Staff/Postgraduate Seminar: New Model Scholarship? The Wakefield Companion to South Australian History by Prof Wilfrid Prest (History). Room 420, 4th Floor, Napier.

5.00pm North Terrace Neuroscience Discussion Group Seminar: How can we record synaptic potential without inserting needles by Dr Kemal Türker (Physiology). Seminar Room, 6th Floor, Medical School, North Wing.

7.30pm Musicology Society of Aust /Elder Conservatorium, School of Performing Arts: Lesley Lewis - A Demonstration Recital on Bach's French Suites followed by MSA AGM. Hartley Concert Rm (north door, Hartley Bldg). Refreshments avail; gold coin donation.

WEDNESDAY 23 AUGUST

10.10am Electrical & Electronic Engineering Seminar: An Introduction to Avionics Systems Integration by Dr G Hassoun (DSTO). Room EM212, New Engineering & Maths Building.

12.30pm Clinical Nursing Seminar: Issues and Practicalities When Researching Violence Among Nurses from

an Ethnomethodological Perspective by Dr Charmaine Hockley (Director, Charmaine Hockley & Associates). Room 36, Level 3, Eleanor Harrald Bldg, RAH.

1.10pm Geology & Geophysics Seminar: The origin of veins and their microstructures by Dr Paul Bons (Institute for Geosciences, Gutenberg University). Mawson Lecture Theatre, Mawson Labs.

1.10pm Genetics PhD Update: Bruce Fields & Gabby Samuel (second year). Seminar Room, Ground Floor, Fisher Building (southern entrance).

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

4.00pm Physiology Seminar: Recent Studies on the Fetal Response to Endotoxin: Looking for the Causes of Perinatal Brain Damage by Associate Professor David Walker (Physiology, Monash University). Seminar Room N416-417, Medical School North.

THURSDAY 24 AUGUST

12noon HCCR Seminar: Sex determination: a molecular and developmental jigsaw puzzle by Dr A Sinclair (Paediatrics, University of Melbourne). Robson Lecture Theatre, Eleanor Harrald Bldg, RAH.

12.05pm Psychology Seminar: Constructions of post traumatic stress by Dr John Rafferty (Public Health). Room 527, Hughes Building.

1.00pm Environmental Biology Seminar: The ecophysiology of marine macrophytes by Indarjani Komarudin (Environmental Biology). Benham Lecture Theatre, Benham Building.

FRIDAY 25 AUGUST

10.00am Animal Science Seminar: Nuclear reprogramming by intra- and interspecies nuclear transfer by Hamish Hamilton (PhD student). Video Conference Room E35, Roseworthy.

10.00am Social Inquiry Seminar: Labour Studies - The theoretical and practical significance of union culture and competence to the renewal of union power by Barbara Pocock. Seminar Room, 3rd Floor, 10 Pulteney Street.

11.30am Social Inquiry Seminar: Gender Studies - Interculture History - Indigenous/Settler Politics 1945-1972 by Sarah Fairhead. Seminar Room, 3rd Floor, 10 Pulteney Street.

1.10pm Elder Conservatorium Lunch Hour Concert: Anna-Katrin Klein - piano (Distinguished visiting artists from Germany). Works by Bach & Schubert. Admission \$3 inc GST at the door. Elder Hall.

1.10pm Asian Studies Seminar: Rebuilding the Garden of Perfect Brightness in Contemporary China by Dr G Barne (ANU). Rm 518, Lev 5, Ligertwood.

1.15pm Inaugural Lecture: Too much of a good thing: disorders of iron metabolism by Prof J Gollan (Medicine). Lecture Theatre G04, Napier.

1.15pm Physics in the Spotlight: Medical Physics by Dr T van Doorn & Dr JR Patterson. Kerr Grant Lecture Theatre, 1st Floor, Physics Building.

4.00pm Obstetrics & Gynaecology Seminar: The effect of maternal and fetal administration of corticosteroids upon fetal brain maturation in the sheep by Dr J Quinlivan (Flinders University). Seminar Rm, 6th Floor, Med School, Nth.

SITUATIONS VACANT

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

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

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

TENURABLE LECTURER/ SENIOR LECTURER

(Ref: 10505/10506) (Two Positions)

Department of Mechanical Engineering

Salary: Lecturer Level B \$49,249-\$58,484/Senior Lecturer Level C \$60,329-\$69,564

Two new members of academic staff are being sought for the Adelaide University's Department of Mechanical Engineering as follows:

(Ref: 10505) Research interests in the area of design, dynamics or vibrations, to play a significant role in the Department's undergraduate teaching and research activities.

(Ref: 10506) Research interests in the area of control, electronics, power, computer systems, robotics or mechatronics, to play a key role in the Department's undergraduate teaching and research activities in Mechatronic Engineering.

These tenurable positions are available immediately.

Further information, including selection criteria, may be obtained from Ms Brenda Hope, Department of Mechanical Engineering, telephone 8303 4124, facsimile 8303 4367 or email <brenda.hope@adelaide.edu.au>.

Applications close 29 September 2000.

DEPARTMENTAL MANAGER

(Ref: 9147) (Continuing)

Department of Geology & Geophysics

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

This continuing position is available immediately.

Further information about the position, including the duty statement and selection criteria, may be obtained from Professor Stewart Greenhalgh, Head of Department, telephone 8303 4960 or email <stewart.greenhalgh@adelaide.edu.au>.

Information about the Department may be found at <<http://www.geology.adelaide.edu.au>>.

Applications close 22 August 2000.

RESEARCH OFFICER (NH&MRC)

(Ref: 10497) (Fixed-term)

Cellular Biophysics Group, Department of Physiology

Salary: RO1 \$43,584-\$46,786

This fixed-term position is funded by an NHMRC project grant and is available immediately until 31 December 2001, with the possibility of renewal.

Further information, including selection criteria may be obtained from Dr David Saint, Department of Physiology, telephone 8303 3931, facsimile 8303 3356, email <david.saint@adelaide.edu.au>.

Applications close 25 August 2000.

HUMAN RESOURCES DEADLINES FOR ADELAIDEAN

For the *Adelaidean* of 28 August 2000, advertising paper work must be received in Human Resources by 11 August 2000.

For the *Adelaidean* of 11 September, advertising paper work must be received in Human Resources by 25 August 2000.

GENERAL NOTICES

Departmental Learning and Teaching Award 2000

The aim of the Departmental Learning and Teaching Award is to promote and reward excellence in learning and teaching at a departmental level.

Applications are invited for the 2000 Award, designed to reward excellence in learning and teaching at a departmental level. A total of \$50,000 is available to be awarded for up to three awards and is to be used by the successful department(s) and/or centres to support continued development of their learning and teaching activities.

Each winner will be required to agree with the Deputy Vice-Chancellor (Education) an appropriate form of dissemination of their achievements in learning and teaching (which might include a seminar, an article for the *Adelaidean* and/or a web-page article) and provide a report outlining how the prize money was put to use to support learning and teaching initiatives in the Department. The Award is open to all teaching departments and will be judged on the submission of a departmental teaching portfolio.

Applications will be considered by a selection committee convened by the Deputy Vice-Chancellor (Education) and consisting of student and academic staff representatives.

The ACUE can provide assistance to potential applicants in the following ways:

- A comprehensive reference Preparing and Evaluating Teaching Portfolios is available from the Evaluation Service. The reference document is available either by following the 'Resources for Staff' links to Evaluation at <www.acue.adelaide.edu.au/acue/fs_resources.html> or on request as a Word file by email from <barbara.pawlak@adelaide.edu.au>.
- Free, confidential advice, and the opportunity to inspect sample portfolios, is available by contacting Associate Professor Robert Cannon at <robert.cannon@adelaide.edu.au>.

Guidelines and application forms can be obtained from Marie Reitano, Office of the Deputy Vice-Chancellor (Education), Room G04, Mitchell Building, tel: 35511, fax: 34873, email: <marie.reitano@adelaide.edu.au> or downloaded from the Deputy Vice-Chancellor's web-site: <http://www.adelaide.edu.au/DVC/quality/departmental_l&t_award.html>

Applications must reach the Office of the Deputy Vice-Chancellor (Education) by Monday, 25 September 2000.

University Matching Funds for Information Technology Development 2000

The aim of the University Matching Funds for Information Technology Development is to encourage the development and use of student-centred and flexible learning through information technology at Adelaide University. (Learning and Teaching Plan 2000-2002)

The Matching Funds for Information Technology Development are intended to encourage the development and use of student-centred and flexible learning and the introduction of innovative modes of teaching through information technology and telecommunications at the Adelaide University.

The Selection Committee, consisting of student and academic staff representatives, considered the applications to be of excellent quality and selected a total of thirteen applications for the 2000 round of the Adelaide University Matching Funds for Information Technology Development. Information in relation to the successful applications can be found at <http://www.adelaide.edu.au/DVC/quality/it_development_2000_winners.html>

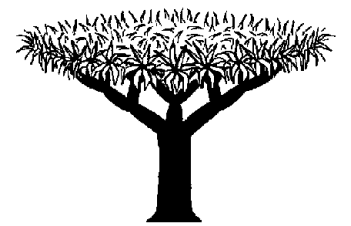
The successful applicants presented proposals which will effect practical improvements in learning and teaching by developing information technology facilities, online programs, modules and curriculum materials at the University. The Matching Funds for Information Technology Development vary in size according to the scale and nature of the projects funded. Funds have been provided for small and medium scale initiatives on a matching funds basis, contributed either on a cash or an in-kind basis.

Further information in relation to the University Matching Funds for Information Technology Development can be obtained from Marie Reitano, Office of the Deputy Vice-Chancellor (Education), Room G04, Mitchell Building, tel: 35511, fax: 34873, email: <marie.reitano@adelaide.edu.au> or downloaded from the Deputy Vice-Chancellor's web-site: <http://www.adelaide.edu.au/DVC/quality/matching_funds_it_development.html>

PENNY BOUMELHA
Deputy Vice-Chancellor
(Education)

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.



Friends of the Waite Arboretum present seminars on

Mundulla Yellows

by

Dr David Paton
(Environmental Biology, Adelaide University) and

Dr Dagmar Hanold (Applied & Molecular Ecology, Adelaide University)

8.00pm, Monday 14 August 2000, Urrbrae House, Waite Campus, Urrbrae (enter from Fullarton Road)

All welcome; admission free. Enquiries: 8303 7497.

On-line Advertising Service

A briefing session for Adelaide University's new on-line advertising service, UniJobs, will be held for interested staff at 1.30pm on Thursday, 17 August in Napier GO4. All staff involved with advertising appointments for their areas are encouraged to attend.

Departments will be able to utilise UniJobs as part of their advertising strategy to complement/replace external advertising in the print media. All advertisement on UniJobs will be placed through Human Resources. Staff will be available to assist departments in the development of advertisements and to provide advice on lodgement.

SEEK Communications, a premier Internet recruitment site in Australia, was selected by the AVCC as the successful provider of on-line advertising for Australian universities. SEEK set up the specialised website for university job advertisements, UniJobs. This site permits interested applicants to browse on-line advertisements and includes the capacity for individuals to search for advertisements by preferred criteria (eg. By location or by occupation classification). The service will also allow applicants to lodge applications electronically, through the email system.

SEEK is offering a half price discount until the end of 2000 as follows:

COST PER ADVERTISEMENT: \$30 (normally \$60)

PERIOD OF DISPLAY ON THE SITE: 28 days

For further information contact Kathie Hurst or Lee Jones in Human Resources, ext 35666.

STEVE DAYSH
General Manager, Human Resources

National Survey of Occupational Stress in Australian University Staff

To be delivered in late August

Dear staff member

Our University is one of 17 Australian universities participating in a longitudinal 3 year study of occupational stress in Australian university staff.*

The study is funded by two ARC/SPIRT grants with the National Tertiary Education Union as the industry partner. Prof Tony Winefield (UniSA), Assoc Prof Jagdish Dua (University of New England) and Assoc Prof Con Stough (Swinburne University of Technology) are the Chief Investigators for the study.

It is very important to identify types and sources of stress affecting university staff to enable strategies and practices to be put in place to alleviate that stress. The survey will be repeated in two years to measure changes in the levels and sources of stress and highlight developments in improving strategies for alleviating stress in university staff.

The survey is sent with the full support of our University and the NTEU. WE ENCOURAGE YOU TO SPEND HALF AN HOUR OF YOUR TIME TO COMPLETE IT. Your responses are anonymous. For more information check:

<<http://www.swin.edu.au/bioscieleceng/neuropsych/stress>>. Thankyou for your participation in this important national project.

PROFESSOR MARY O'KANE
Vice-Chancellor
President

DR ROD CREWETHER
NTEU Branch
President

*Participating universities include, ACT: University of Canberra. NSW: Macquarie, Newcastle, University of Technology Sydney, University of New England. VIC: Deakin, Melbourne, RMIT, Swinburne. QLD: James Cook, Central Queensland University, QUT, USQ. WA: Murdoch, University of Western Australia. SA: UniSA, Adelaide.

The Clinical Education Development Unit, NWAHS presents

Education Day 2000

Focus on Medical Education at NWAHS, Wednesday 30 August, Clinical Education Centre, 2nd Floor, Main Building, TQEH

Program of Events:

12.15pm Physicians Workshop: *The Clinical Teacher: An endangered species?* by Prof D Prideaux (Flinders Uni). Main Lecture Theatre; lunch provided. Session teleconferenced to LMHS.

3.00pm Staff Development Workshop: *Preparing your Clinical Teaching Portfolio* by Prof R Cannon (Director, ACUE) & Dr E O'Driscoll (Head, CEDU, NWAHS).

4.15pm NWAHS Teaching & Learning Presentation Awards. Main Lecture Theatre, 2nd Floor, Main Building, TQEH. Afternoon tea provided.

All Day **Cardio-Pulmonary Resuscitation Training for Medical Students**. Clinical Skills Laboratory.

6.00pm **Short Calls Workshop** for interns and final year medical students. Clinical Skills Lab, 2nd Floor, Main Building, TQEH. Buffet meal provided. Convenors: Dr S Koblar & Dr E O'Driscoll. Registration forms from Clinical Studies, TQEH

Further details: Rose Rigney, tel 8222 7480 or fax 8222 6687 or Dr Elizabeth O'Driscoll, tel 8222 7358.

COUNCIL IN BRIEF

A meeting of the Adelaide University Council was held on Monday 31 July.

1. Chancellor's introduction

This meeting was the first for the new Chancellor, Mr Robert Champion de Crespigny. He thanked Council for the great privilege extended to him in appointing him as Chancellor and said how much he was looking forward to working with Council for the betterment of the University. During his report, which will become a regular item on the Council agenda, the Chancellor spoke of:

- his recent meetings with all Council members. He said he would always be available for discussion with Council members about Council business;
- his familiarisation visits to the Waite and Roseworthy Campuses, and to some Faculties on the North Terrace Campus, and his pleasure in meeting so many dedicated people;
- his forthcoming visit to meet with the Alumni Chapters in Kuala Lumpur and Singapore;
- his recent meeting with Federal Minister for Education and Youth Affairs, Dr David Kemp, and the Vice-Chancellor;
- his intention to ensure the Council focussed on assisting the University to achieve its goal of being recognised as a great university by 2022; and
- his readiness to look at ways Council can improve on the way it does its own job, including through the introduction of a "Council Performance Review", and through review of the documentation associated with Council and the conduct of Council members. He emphasised that his position on conflicts of interest or potential conflicts of interest was unequivocal, and that people who had a conflict, or were seen by others to have a conflict, would be required to leave the meeting. He also said he was considering establishing an ethics group to advise on and consider issues related to Council members' duty to act in the interests of the University as a whole at all times.

2. Chancellor's Committee

The proposal by the Chancellor to establish a new committee of Council, the Chancellor's Committee, was one of the two main items of business for this meeting. It is covered in a separate story in this edition of the *Adelaidean* (see page 1).

3. Vice-Chancellor's Report

The Vice-Chancellor presented her regular written report to Council, and spoke on some more recent developments. Her report summarises for the benefit of Council members some of the major activities or items of note in the University since the previous meeting. Most of these have previously been reported in the *Adelaidean* and, as they will not be new to *Adelaidean* readers, have not been included here. A report on fundraising is included in this issue of the *Adelaidean*.

4. Council elections

Council approved the date for forthcoming elections for Council members. Nominations for 2 undergraduate and 1 postgraduate student member vacancies on Council will open on 5 August and close on 25 August, with the election on 4 October. Nominations for 3 academic staff, 2 general staff and 3 members of Council elected by the Senate will open on 9 September and close on 29 September, with the election on 8 November. The calling for nominations and the election will be separately advertised. Those who are

elected will take up their Council positions on 6 March 2001.

Further information is available from the Council Secretary, who was appointed by Council as Returning Officer for these elections.

5. Financial Management Reports

Council received and noted the monthly Financial Management Reports as at 30 June 2000 without comment. The operating result year-to-date is a shortfall of \$5.056m against a budget shortfall of \$5.337m, i.e. the University's net result is tracking close to budget for the six months to the end of June 2000.

6. Presentation on Research and Research Education at Adelaide University

In keeping with the Council's role of setting strategic directions for the University, the Deputy Vice-Chancellor (Research), Professor Edwina Cornish, assisted by the Director, Research Policy and Support, Ms Janet Dibb-Smith, gave a wide-ranging and thorough presentation on Research for Council members. Council members received a paper which covered the University's past and present research performance, and a description of the current environment and issues to address as we move forward. The key messages emphasised in the paper by the DVCR were:

- the quality of our research is determined by our ability to attract and retain first class staff and students;
- Adelaide's research rates well at a national level;
- there is scope for enhancing our international profile;
- future investment in infrastructure will be required to compete on an international level for research funds and quality academics and students;
- there is increased pressure from the Commonwealth for commercial application of University research;
- new skills are required to capitalise on commercialisation opportunities.

In addition the DVCR gave a powerpoint presentation in which she highlighted the issues associated with the University's internal and external environment that exert pressure on the University's research focus, and outlined the investments, strategies and priorities required for ensuring that we achieve our research vision.

Council members provided constructive and helpful feedback, and the Chancellor foreshadowed that three key questions posed by the DVCR - What sort of University do we want to be? What measures should we use to monitor progress? Are we able to make the necessary investments to achieve our vision? - would be considered at a Council retreat in March 2001.

7. Mawson Collection

At its May Council meeting, Council had approved in principle the transfer of the Mawson Collection to the SA Museum, subject to a number of issues being satisfactorily resolved. Council had a paper before it in which all the issues raised were addressed. Council resolved to note the report, and approve the implementation of the transfer to the Museum.

8. Other reports

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

SUSAN GRAEBNER
Council Secretary

Research Branch: Special notices

SMALL GRANTS SCHEME 2001

We can now advise that it seems probable that funding will be available to provide a University Small Grants Scheme for funding in 2001. Potential applicants are advised to commence preparing applications now, since there is likely to be a significantly shorter lead time than normal for the submission of applications once a final decision is made.

Guidelines and the application form for the 2001 funding round are expected to be essentially the same as for the ARC Small Grants Scheme in 2000 although greater priority may be given to some categories of projects, particularly those that are able to demonstrate a reasonable likelihood of leveraging external funding.

It is expected that further details will be available in time for the next issue of the *Adelaidean*. The revised guidelines and application form for 2001 will be placed on the Research Branch website as soon as a decision is made. On the assumption that the scheme will proceed an Information Session for potential applicants has been tentatively scheduled for Thursday 31 August, in the Council Room, Level 7, Wills Building commencing at 12.30pm.

AUSTRALIAN BUREAU OF STATISTICS - CONFIDENTIALISED UNIT RECORD FILES

The ABS has entered into an agreement with the Australian Vice-Chancellors Committee to provide public use

Confidentialised Unit Record Files (CURFs) to participating universities for research and teaching purposes. CURFs contain unidentifiable unit record data from most of the key ABS social and labour household surveys. Applications must be submitted on a booklet available from the Research Branch and must be signed by the Deputy Vice-Chancellor (Research). Further information, including a list of available CURFs and application booklets is available on the ABS website at <www.abs.gov.au/websitedbs/D3110129.NSF/ABS-AVCC> or from Cyril Brown, Manager, Research Operations, ext 33534.

Research Branch
<www.adelaide.edu.au/RB>

National Asthma and Zinc conference

The Department of Medicine at the Queen Elizabeth Hospital is conducting a 2 day national symposium **New Directions in Asthma and in Zinc Research** to be held at the Queen Elizabeth Hospital on Friday September 8 and Saturday September 9 2000.

Further details on abstract and poster specifications and general conference information can be obtained from Ai Truong-Tran, email: <tran@student.adelaide.edu.au>.

GRANTS, FELLOWSHIPS & AWARDS

JUNE AND JULY

Congratulations to the following people who have been awarded Grants, Fellowships and Awards in June and July.

A Travel/Conference Grant of \$6,860 from the Grains Research and Development Corporation was awarded to **Dr K Chalmers**, Plant Science, Waite Campus to visit the Scottish Crop Research Institute in Dundee and John Innes Institute in Norwich.

Seven Functional Genomics Program Grants, amounting to over \$5,600,000 from the Grains Research and Development Corporation, were awarded to **Professor P Langridge** and **Professor G Fincher**, Plant Science - Waite Campus, for the Functional genomics in the growth and end-use quality of cereals projects.

Another Grant of \$50,000 from the Grains Research and Development Corporation was awarded to **Professor P Langridge**, Plant Science - Waite Campus, for the Crawford Foundation: Master Class in Molecular Plant Breeding.

A Heritage & Biodiversity Grant of \$30,000 from the Department for Environment and Heritage was awarded to **Dr D Paton**, Environmental Biology, for the project: Ecological responses of fauna to environmental variables in key environments of South Australia.

A Program Grant of \$1,020 from the Australian Institute of Nuclear Science & Engineering was awarded to **Emeritus Professor J Prescott**, Physics & Mathematical Physics, for the Radioactive disequilibrium in low level uranium determinations and trace elements in natural quartz project.

An Institutional/Travel Grant of \$4,000 from the Ian Potter Foundation was awarded to **Ms J Rosevear**, Elder Conservatorium, for the Keynote Speaker for Australian Society for Music Education (ASME) Conference in 2001.

A Travel Grant of \$1,870 from Grape and Wine Research and Development

Corporation was awarded to **Dr E Scott**, Applied & Molecular Ecology- Waite Campus, for travel to the 6th International Congress on Organic Viticulture and to the 13th IFOAM (International Federation of Organic Agriculture Movements) in Basel, Switzerland.

A Cultural Trust Grant of \$120,000 from the Ian Potter Foundation was awarded to **Associate Professor R Woodbury**, Architecture, for the Australian Architecture Electronic Gallery.

The following are research grants awarded from the Channel 7 Children's Research Foundation of SA Inc:

\$15,000 awarded to **Dr J Wang**, Obstetrics & Gynaecology - QEH, for A cohort study of obstetric and infant outcomes of pregnancies resulting from assisted reproductive technology (ART).

\$40,000 awarded to **Dr C Coulter**, Physiology, for the Role of oxygen in the

control of steroid hormone receptor expression in the foetal sheep kidney project.

\$32,000 awarded to **Dr J Couper**, Paediatrics-WCH, for Homocysteine & endothelial dysfunction in children with type 1 diabetes research.

\$35,000 awarded to **Associate Professor C Crowther**, Obstetrics & Gynaecology - WCH, for Repeat doses of prenatal steroids: a study of the neonatal adrenal stress response and factors influencing growth.

\$40,000 awarded to **Professor I McMillen**, Physiology, for the Impact of foetal growth restriction on nitric oxide synthesis and activity in the foetal cardiovascular system project.

\$35,000 awarded to **Professor J Robinson**, Obstetrics & Gynaecology - Medical School, for research into Carbohydrate intolerance in pregnancy and its effects on the offspring.

RESEARCH GRANTS AND SCHOLARSHIPS

AND OTHER FUNDING SCHEMES

Research Grants & Fellowships

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

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

Australian Centre for International Agricultural Research (ACIAR) - Projects: Applications may be submitted at any time. Web site: <http://www.aciar.gov.au/>.

Australia Council for the Arts: The Council offers a variety of funding opportunities - New Work; Presentation and Promotion; Development; Triennial Grants; Fellowships; Partnerships; and Commissions. Web site <http://www.ozco.gov.au>.

National Parks Foundation of South Australia Inc - Research Grants: Internal closing date: Applications may be made at any time. Web site: <http://nfsa.mtx.net/frames.htm>.

The Garnett Passe & Rodney Williams Memorial Foundation Awards for 2001 (for research in Otorhinolaryngology or the related fields of biomedical science):

Research Training Fellowships: Internal closing date: 18 August 2000. **Senior / Principal Research Fellowship, Project Grants, Sabbatical Fellowship, Overseas Research Fellowship:** Internal closing date: 6 October 2000.

Garnett Passe & Rodney Williams Memorial Foundation - Grants-In-Aid - 2001: Internal closing date: 18 August 2000.

NHMRC/ Dept of Health and Aged Care - Training Fellowships: Internal closing date: 18 August 2000. Web site: <http://www.health.gov.au/nhmrc/research/99list.htm#training>.

NHMRC - Industry Research Fellowships: Internal closing date: 18 August 2000. Web site: <http://www.health.gov.au/research/99list.htm#training>.

Motor Neurone Disease Research Institute of Australia Incorporated - Grant-in-Aid for Research: Internal closing date: 18 August 2000.

National Cancer Institute, USA - Molecular Epidemiology of HIV-Associated Cancers - Grants: Internal closing dates: 18 August and 18 October 2000. Web site: <http://grants.nih.gov/grants/guide>.

Australian Academy of Science - Selby Fellowship (for overseas scientists to visit Australia for public lecture/seminar tours and to visit scientific centres in Australia): Internal closing date: 21 August 2000. Web site: <http://www.science.org.au/awards/selby.htm>.

The Asia Link Centre - The Sir Edward Weary Dunlop Asia Fellowships (for young Australians who are committed to making a lasting contribution to Australia-Asia relations): Internal closing date: 24 August 2000. Web site: <http://www.asialink.unimelb.edu.au/public/dunlopfellow.html>.

Australian American Educational Foundation - Fulbright 2001 Awards (for study, research or lecturing in the United States): Internal closing date: 24 August 2000. Web site: <http://sunsite.anu.edu.au/education/fulbright>.

Onkaparinga Catchment Board - Research and Development Grants (scoping paper): Internal closing date: 25 August 2000. Web site: <http://www.onkaparinga.net>.

NHMRC/Juvenile Diabetes Foundation International - Expressions of Interest for program grants in Type 1 Diabetes: Internal closing date: 25 August 2000. Web site: <http://www.nhmrc.health.gov.au/research/contents.htm>.

Australian Academy of Science International Programs: Scientific Visits to Japan, China, Korea and Taiwan FY 2001-2002: Internal closing date: 25 August 2000. Web site: <http://www.science.org.au/internat/exchange/contscix.htm#Asia>.

Radiological Society of North America - Research and Education Foundation - Seed Grants: Internal closing dates: 1 September 2000. Web site: <http://www.rsna.org>.

University of Cambridge in association with Wolfson College at Cambridge University - Smuts Visiting Fellowships in Commonwealth Studies 2001-2002: Internal closing date: 1 September 2000. Web site: <http://www.wolfson.cam.ac.uk/notices/smuts.html>.

Scholarships

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

Adelaide Postgraduate Coursework Scholarships: Available to students intending to enrol in a Masters by coursework at Adelaide University in 2001. Applicants must be Australian citizens or Permanent Residents; have completed four years of tertiary study and have been awarded a First Class Honours or equivalent. Awards are not available to those who will be receiving in 2001 another equivalent scholarship/award to undertake the proposed program. Applicants should apply separately for admission into the proposed course. Closing: 31 October (Student Centre).

Australian Postgraduate Awards/ Adelaide University Scholarships 2001: Available to students intending to enrol in a PhD or Masters by research at Adelaide University in 2001. Applicants must be Australian citizens or Permanent Residents; have completed four years of tertiary study and have been awarded a First Class Honours or equivalent. Awards are not available to those who will be receiving in 2001 another equivalent scholarship/award to undertake the proposed program. Closing: 31 October (Student Centre).

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

DR Stranks Travelling Fellowship: Open to Adelaide University postgraduate scholars to provide assistance for travel and other unavoidable research costs in relation with their research and investigations out-side South Australia. Value: up to \$5000. Closing: 23 October (Student Centre).

Fulbright Awards 2001 to study in the USA: Postgraduate Awards: to undertake an American higher degree or engage in research towards an Australian higher degree in any field of study. Postdoctoral Awards: for study/research for 3-12 mths. Senior Scholars Awards: for senior scholars and professionals of academically based professions to visit the USA for 3-6 months. Professional Awards: for practitioners in any field who have a record of achievement and are posed for advancement to a senior management or policy role wishing to undertake a professional development program in the USA for 3-4 mths. Further details & applications available only from the

Fulbright Web site: <http://sunsite.anu.edu.au/education/fulbright>. Closing: 31 August (Student Centre).

Garnett Passe & Rodney Williams Memorial Foundation - Research Scholarships 2001: For students who are, or will be, enrolled for a higher degree, in the area of Otorhinolaryngology or related fields of biomedical science. Tenable at any Australian institution. Value: equivalent to NHMRC Medical/Dental Scholarship for medical graduates, or Dora Lush Scholarship rate for science graduates. Closing: 18 August (Student Centre).

George Murray Scholarship: One to Adelaide Uni graduates who wish to undertake postgraduate study or postdoctoral research in approved universities or other institutions outside of Australia. Postgraduate study tenable for up to 3 years, postdoctoral research tenable for 1 year. Closing: 31 October (Student Centre).

Lionel Murphy Postgraduate Scholarships: Open to Australian citizens who have completed, or are about to complete an undergraduate degree in science, law or legal studies, or other appropriate disciplines, and who intend to pursue a postgraduate degree in these fields. Value: \$15,000pa. Overseas scholarships are also available. Value: \$30,000pa. Closing: 25 August (Student Centre).

Sir Edward 'Weary' Dunlop Asia Fellowships: Value: up to \$15,000. Open to Australian citizens aged 21-40 years with the opportunity to carry out a project or study program in an Asian country. Details and applications from <http://www.asialink.unimelb.edu.au/public/dunlopfellow.html>. Closing: 31 August (Melb).

Sir Robert Menzies Scholarship in Law: Open to Australian citizens and tenable in the UK for two years commencing October 2001. Value: return airfare (including spouse and/or dependants), university fees, living allowance, travel costs within UK. Academic excellence is of primary importance. Closing: 25 August (Student Centre)

University of Oxford - Oxford Centre for Hebrew and Jewish Studies: Tenable at the University of Oxford for the degree of Graduate Diploma in Jewish Studies (one year). Value: tuition, accommodation, with a value of up to 12,500 pounds. Graduates of any discipline and nationality with a good first degree are invited to apply. Applications available from the Student Registrar, email: mhpsmith@sable.ox.ac.uk or via the web site: <http://associnst.ox.ac.uk/ochjs/index.html>. Closing: 31 August (UK).