

ADELAIDEAN

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NEWS FROM THE UNIVERSITY OF ADELAIDE

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Conservatorium and TAFE music school: new report recommends merger

A REPORT into tertiary music education and training in South Australia has recommended the amalgamation of the Elder Conservatorium at the University of Adelaide and the Flinders Street School of Music of the Adelaide Institute of TAFE.

The report recommends the two institutions be merged into a new, single entity which recognises and preserves the positive elements of the Elder Conservatorium and the Flinders Street School of Music.

The report concludes that it is in the best interests of music education and training in South Australia for the two institutions to work together, rather than compete with limited resources in a small market.

The report has been produced by a review committee, appointed by the South Australian Tertiary Music Education and Training Steering Group. The review committee proposes that the new entity be known as the Elder School of Music.

The steering group includes representatives of the University of Adelaide, the Department of Education, Training & Employment, and the Adelaide Institute of TAFE.

Steering Group convenor Professor Penny Boumelha, the Deputy Vice-Chancellor (Education) of Adelaide University, said the Steering Group wanted to build on South Australia's strong position in the arts.

"The idea is to create a centre of excellence in music education and training which removes duplication and com-

bines the resources and unique strengths of the Elder Conservatorium and the Flinders Street School of Music," Professor Boumelha said.

"The report provides a clear strategy for achieving a successfully amalgamated new school."

The report would be open for comment until 7 February 2000.

She said comments on the report would be considered by the Steering Group which would then advise the Vice-Chancellor of Adelaide University, Professor Mary O'Kane, and the Chief Executive of DETE, Geoff Spring, on appropriate actions in response to the report.

The report's other recommendations included:

- the establishment of a board of management with equal representation from TAFE and the University, with a jointly nominated Chair;
- that the concurrently held positions of Director and Elder Professor be filled as soon as possible;
- that a single award structure, with common terms and conditions of employment, be developed to cover all employees of the new school; and
- that the new school establish a set of responsibilities for the awarding of certificates, diplomas and degrees to be badged either the University or the Institute of TAFE as appropriate.

The report also recommends that



Music—new direction recommended by review. Photo: Brenton Edwards.

research in music be more strongly encouraged.

The review committee comprised:

(Convenor) Professor Richard Johnstone, professor in the Research Institute of Humanities and Social Sciences at the University of Sydney; Professor Malcolm Gillies, Executive Dean of the University of Adelaide's

Faculty of Humanities and Social Sciences and former Professor of Music at the University of Queensland;

Mr Mark Walton from the Sydney Conservatorium of Music; and

Associate Professor Mel Waters, the Director of the Melba Memorial Conservatorium of Music.

—David Washington

Council addresses biological sciences at special meeting

THE UNIVERSITY COUNCIL has supported the completion of the Review of Biological Sciences, which has now presented its preliminary report for comment.

The report is open for comment until 14 February 2000 and can be found on the University's Web site at <http://www.adelaide.edu.au/DVC/reviews/biosci/biosci_review.html>.

At a special meeting on Sunday, 5 December the Council resolved that "the Council is of the view that the steps taken by the Vice-Chancellor in commissioning the Review of Biological Sciences were appropriate, having regard to her role as chief executive of the University".

The Council also supported the completion of the Review in the manner outlined by the Vice-Chancellor. This includes a two month consultation on the preliminary report followed by the production of a final report.

The implementation of any decisions made on the basis of the Review's final recommendations will be discussed next year, with the object of any new structures being in place by 2001.

The Deputy Vice-Chancellor (Education), Professor Penny Boumelha, said she was grateful to the review committee for making the preliminary report available as quickly as possible so that all those interested could comment on its core findings.

Comments should be sent to the Review Committee through Tim Scroop, Reviews Officer, Room GO4, Mitchell Building, or by email to <tim.scroop@adelaide.edu.au>.

The Chancellor, Mr Bruce Webb, said the special Council meeting, called at the request of four Council members, had resulted in a constructive discussion.

"The Council believes that the management has acted appropriately and we

look forward to receiving recommendations on the matter next year in the Review Committee's final report," Mr Webb said.

He said it was critical that students wishing to enrol in the Bachelor of Science degree and postgraduate science study at Adelaide University understood that these programs would continue to be offered. Suggestions that the Bachelor of Science degree would be cut were completely wrong and there had never been a proposal to this effect.

"The Review of Biological Sciences is intended to strengthen science in all

the Faculties in which it is taught at the University and to continue the teaching of students in all science disciplines at the highest standard," he said.

He said that "concerns by interested parties may be raised and addressed during this consultation period, and the Council fully supports and encourages the completion of the review consultation process".

"Students will, of course, continue to be able to graduate as Bachelor of Science and as postgraduates in science disciplines at Adelaide University."

—David Washington



THE UNIVERSITY OF ADELAIDE

1874-1999

Celebrating **125** years

COMMENTARY

COMMERCIALISING RESEARCH

Commercialization is the mantra of the moment. It ushers in a new age of economic and technological progress; it has the potential to provide a fairer return to the most creative Australian minds, and to turn the wealth of good Australian ideas into real incomes and real jobs, claims Science Minister Minchin. In the research world, commercialisation is a key element of the agenda for change. Education Minister Kemp, in his "Green Paper" vision for the future of research, New Knowledge, New Opportunities, called for "a more pervasive entrepreneurial culture which positively encourages the commercial development of research discoveries and effective links with the business sector". He advocated the abolition of "unnecessary barriers which prevent [university] researchers from holding equity in companies, or from performing research in the private sector, while holding staff positions".

How are the humanities and social sciences to fit into this entrepreneurial culture? The question is difficult to answer, but crucial, for humanities and social sciences are some of the largest players in Australian university sector. New Knowledge, New Opportunities recognizes the important role of the humanities, social sciences and the arts in the shaping of national culture as well as in economic innovation. A good deal of that economic innovation is dependent upon developments in science and technology, that is, in servicing their business, communications and legal needs. Dr Kemp also sees an important role for social science research in facilitating societal change and in preparing a citizenry which is "information rich". But then, apparently not related to commercial advantage, there is another important purpose of research in the humanities and social sciences: investigations which con-

tribute to "our sense of identity and cohesiveness as a nation". The Green Paper elaborates: "[This

research] promotes an appreciation of our culture and history; fosters an understanding of different traditions and customs, and of the importance of tolerance and respect; and stimulates and informs debate on the goals, directions and values to which our democratic society aspires. Research of this kind helps to promote—indeed, is itself a mark of—a civilized society." According to Dr Kemp, then, humanities and social science research can be more or less commercially relevant, with the social sciences seemingly having somewhat more commercial potential than the humanities.

What are these commercial potentials? They include, to use current Australian examples:

- language consultancies, to ensure that business and education sectors are supplied with quality translation, pedagogic and other culture-specific services
- commissioned histories, of institutions, corporations and special-interest groups
- from our philosophers, a variety of applications of ethics, particularly in health-science, biotechnology and business areas
- from our geographers, many amazing social applications of geographical information systems
- from visual and performing artists, industrial commissionings of works of art, and innovative recording forays into the multi-billion-dollar world of Australian popular music.

These are but a few of the successful, entrepreneurial activities of humanities

by
Malcolm Gillies
Executive Dean
Humanities and Social Sciences

and social science scholars in Australian universities. These activities link research expertise with commercial need and gain our institutions a modest, but much-needed, return on their intellectual property. By and large, these activities involve the creative invention, analysis and application of data, and are less involved in exercises of dispassionate criticism.

That dispassionate criticism, however, lies as the heart of the humanities (perhaps somewhat less so, the social sciences), just as pure, curiosity-driven research into basic problems of physics and chemistry surely lies at the heart of the natural sciences. Whether the humanities field be textual criticism, history, philosophy or art, the highest good of this research is how it ultimately brings matters to judgement: what it says about the worth of a product of humankind, in terms of its contribution to the course of literature, national destiny, the progress of thought or trends in the arts.

Given Dr Kemp's Green Paper incentives for commercialisation and disincentives for basic research—announced just as the Laws/Jones "cash for comment" case was breaking—there is a real danger that middle Australia will come to assume that all researchers, like talk-back kings, are in commercial relationships and, hence, potential mouthpieces of vested interests. What is clear is that Australian universities need, as much as ever, a strong, commercially unresponsive research sector, and that that unresponsive sector needs rigorously to be quarantined within our institutions. We still need research that produces "public goods", for the free consumption of the citizenry, and which tells its research results, however

unpopular, without fear or favour. In fact, that research for the public good is one of the most powerful reasons, along with the traditional freedom of the academic, for the continuation of the publicly-funded university. I was worried to see, in a recent presentation of Australian Research Council chair Vicki Sara on research in 2020, that local institutions had been replaced by networks of researchers operating in a global, virtual world. In other words, that very rationale of the university as a designated place "away from the world" had in her scenario, by then, been lost.

We need always to distinguish those aspects of research which should be commercialised, from those which could be commercialised, and, again, from those which we commercialise only at our peril. The humanities and social sciences, for instance, have different needs, aspirations and commercial possibilities from science and technology. In the new millennium's brave new research world, the humanities and social sciences can contribute handsomely to commercial ventures, but this will differ from field to field and scholar to scholar. The humanities and social sciences know the perils of ignoring the human and societal dimensions, of making light of issues of the common good, and of blurring the public/private distinction in the interests of rapid scientific, technological or economic progress. Their capital is often of a more overtly intellectual or cultural kind, and not directly quantifiable: not worthless, I suggest to you, but simply beyond price.

This article is drawn from a longer address recently presented at a Research Management conference in Adelaide by Professor Gillies in his role as President of the Australian Academy of the Humanities.

Celebrating
125
years

FROM NEAR AND FAR

Michael Best is a Professor of English Literature at the University of Victoria in British Columbia, where he has lived for the past 30 years. His current major research project is the Internet Shakespeare Editions, of which he is the Coordinating Editor, see <<http://web.uvic.ca/shakespeare>>. He keeps in contact with his Australian origins through email and far too many trips over the Pacific, including a recent exchange with the University of Sydney.

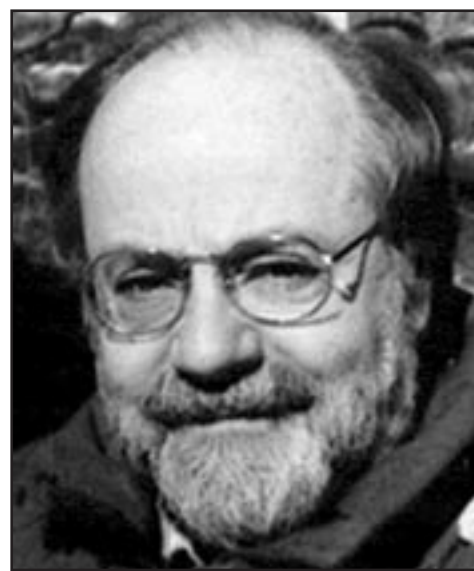
I don't remember undergraduate days in the 50s as being especially proper or drab, as the decade tends to be remembered in film reconstructions of it. It's true that we were not political, even on Prosh Day, and we all assumed that there were jobs for us at the end of the day when we got our piece of paper. In the meantime we attended classes when we had to, and did a great deal more in the extracurricular world.

In my years as an undergraduate, I liked to think of myself as the white sheep of the family. My parents and all my siblings were scientists, but I opted for a Bachelor of Arts. Music was what drew me from science, which I would otherwise have studied, given that it was there in both the genes and the environment. It was a passion for the oboe, that least likely of instruments, that focused my love of music and led

me to the slightly odd combination of majors in both Music and English.

In the conflicting demands on my limited time for study, it was usually music that won. There were rehearsals, concerts, and the stimulus of the kind of creative work that made the most attractive of writers eminently suitable for procrastination. Harmony classes with Jack Peters were a parodist's delight, as he paced between the lined blackboard and the keyboard, his pipe constantly in his mouth, so that it took time to learn to decipher his strangled dialect. But he made us work, and write music which we could then perform together. In the world of music, the division between study time and extracurricular activities was much more blurred.

Music is not easy to connect with other disciplines, so I always felt divided. I did, in second year, write what was probably a very arrogant essay on renaissance poetry, comparing it to the music of the time, and including a number of musical quotations largely in the expectation that the instructor, Tim Mares, could not read the music. But Tim was a good sport. He gave me a respectable grade, and invited me to do Honours English despite a disastrous first year in which music and a hectic social life had resulted in the barest of passes. Honours English gave me the chance to dig far enough



Professor Michael Best

into literature, and into the friendly, dank smell of the stacks in the Barr-Smith Library, that English studies turned out to be the part of my divided self that ultimately dominated.

Tim provided another opportunity for connecting music to EngLit. He directed a performance of the medieval morality play *Everyman* in modern dress. He was God, offstage at a microphone, and Death came in on a motorbike. I had a bit part as a race tout, Fellowship, and chose the music—Miles Davis, "Oh, Doctor Jesus" at the

start, and, for the final ascent of *Everyman*, the not-so-modern music of William Byrd's Mass for Five Voices. I still think that, in their different ways, both composers manage to distil something of the music of the spheres.

The divided heart, pulled between the worlds of music and literature, continued in my postgraduate years, when I was at one stage seduced (willingly, of course) into writing the music for the Law Review, in collaboration with Julian Mincham. Somehow I did get a thesis written, depositing it in the English Department the day before I left for England, to teach at a grammar school, and to see at last the landscape I had read about in all those romantic poems. Then the even more romantic landscape of Western Canada beckoned, with the promise of an association with the university I have remained with. And with the advent of the multimedia text of the computer and the Internet, there is no longer a need for divisions between music, art, or literature.

Back in the 50s, the days seemed brightly coloured and adventurous to us as we lived them, in the small town Adelaide was then. Perspectives have expanded in the global, disembodied, electronic conversation called the Inter-net that I now inhabit daily. But among many influences, it was that cool, very physical smell of the stacks in the Barr-Smith that started me on my journey.

Symposium helps staff to LearnIT

MORE THAN 100 staff participated in a one-day symposium on the role of information technology in learning and teaching at Adelaide University.

The LearnIT Symposium, organised by the Advisory Centre for University Education (ACUE) and Adelaide University Online, provided an opportunity for staff to share ideas about present and future use of information technologies.

A total of 25 presentations took place at concurrent sessions.

Speakers included the Deputy Vice-Chancellor (Education), Professor Penny Boumelha; the Director of Strategic Development at the Department of Education Training and Employment, Mr Kevin Richardson; and a cross-section of University staff working with new technologies.

ACUE staff member Margaret Kiley said participants had found the exchange of ideas immensely valuable.

"It's clear that people across the University want to share IT infor-

mation, and we will be seeking to encourage and maintain this collaborative approach," she said.

"There is a great deal of enthusiasm for using information technologies to enhance learning and teaching.

"Some people have concerns, however, about the lack of infrastructure and support for beginners wanting to adopt the new technologies.

"This is an issue that will need to be addressed."

—John Drislane

VC chosen for national science review

VICE-CHANCELLOR Professor Mary O'Kane has been appointed a strategic adviser to assist the Commonwealth Government's Chief Scientist, Dr Robin Batterham, with the Australian Science Capability Review.

Professor O'Kane is one of 14 advisers to the review, which is examining the nation's science, engineering and technology base and determining the impact of existing levels of funding and support.

The review will make recommendations to government on measures to ensure that Australian science is ready to meet the challenges of the knowledge-based economy in the next century.

The group of strategic advisers is made up of highly respected members of the scientific and business communities and government.

"They have been chosen because of their deep commitment to science and innovation in Australia and their extensive experience in industry and research," said the Minister for Industry, Science & Resources, Senator Nick Minchin.



Jobs high on the agenda for Adelaide's youth

ONE THOUSAND young job seekers attended a highly successful Youth Jobs Day at Adelaide University.

Organised by recruitment firm Morgan & Banks, it featured motivational talks, information stands, several hundred job advertisements and tips on skills such as interview techniques, resumé writing and networking.

South Australian Premier John Olsen was among the speakers.

Others participants included television presenters Tim Ferguson and Catriona Rowntree, SA-FM's Amanda Blair and musician Sarah McLeod, while Leon Byner from 5AA's afternoon program broadcast his program from from Bonython Hall.

A highlight of the day was an industry question and answer session hosted by Channel 10's George Donikian. This provided an opportunity for young job seekers to ask a wide range of questions from a panel of experts.

The panel comprised Employment Minister Mark Brindal, Adelaide University student and *Advertiser* columnist Mia Handshin, Chairman of Morgan & Banks Australia Geoff Morgan, Vice-Chancellor Professor Mary O'Kane and Presidential Director of Nutrimetics Mary Costalos.

—John Drislane

Research society elects first president

THE NEWLY established Australasian Research Management Society has elected Adelaide University's Janet Dibb-Smith as its first president.

Ms Dibb-Smith, the University's Director of Research Policy & Support, was elected to head the new body at a special session of the Research Management Conference held in Adelaide last month.

Organised by the three South Australian universities, the inaugural three-day conference attracted more than 270 research administrators from universities, research agencies, government and industry.

The initiative to establish the Society received strong support from key conference speakers, including the Chief Scientist, Dr Robin Batterham, and Chair of the Australian Research Council, Professor Vicki Sara.

Ms Dibb-Smith said the new organisation would serve as a forum for information exchange, professional development and generation of strategies to enhance the research enterprise.

"We also believe the Society will be richer for its diversity in having as members research administrators at all levels, from universities, research centres, hospitals and medical research institutes, government agencies, research sponsors, industry and other organisations," she said.

—John Drislane



125, 126, ..., 250

"Many outside South Australia had told me that the University of Adelaide had known great days and great men..." So said my predecessor A.P. Rowe in his memoir, *If the Gown Fits*.

The University has also known great women, such as our much loved former Chancellor and former Governor, Dame Roma Mitchell AC DBE.

As we have thought back through this commemorative year over the last 125 years of the University and 75 years of our magnificent Waite campus, we have noted also that the University has known brilliant men and women (like Nobel Prize winners William and Lawrence Bragg and Howard Florey) and brave men and women (all those in the University who fought in various wars this century, and adventurers, like Douglas Mawson and Andy Thomas). And we have known leaders (such as Dame Roma and the President of Singapore, Ong Teng Cheong).

We salute them all. In this momentous year for us we also salute Santos, our partner in the development of the new School of Petroleum Engineering, which has recently celebrated its 45th year of operation. Santos, like the University, has earned a prized position in South Australia's economic and cultural landscape and made enormous contributions to the life of the State.

Now, as we celebrate the University's actual birthday and prepare for the next century, we look to the future.

It is not an easy time for universities in Australia or around the world. But we also know there are enormous opportunities. We live in a time when knowledge is the most valuable prize. It is widely recognised that knowledge-based industries are vital to economic prosperity and, of course, the preservation, transmission and extension of knowledge has inestimable social and cultural value.

For a university that has known considerable greatness, there is a tendency to look back wistfully to "better" times. It is good to have this heritage upon which to draw. But we must constantly look forward to ensure we live up to the great foundations on which this University was built and to continue the legacy of the people who gave so much so this University might flourish.

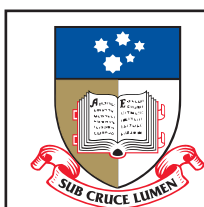
We must look forward realistically at a time when it is not reasonable to assume we are going to get increasing amounts of government funding (at least not in the short term). It is heartening indeed to see that there are continuing calls from business and the community for increased government support for universities.

We must plan our future carefully, use our resources cleverly and maximise our possibilities. None of this is easy. It means we have got to be highly adaptable. We owe it to this University to be as flexible and as open to the possibilities of the future as possible.

It is now time to move on from the first 125 years of this University and work through the goals and achievements which will mark the next 125 years. To again quote A.P. Rowe: "I believe the University of Adelaide is a good university by Australian standards and could become a great university by almost any standard."

Until next year (century? millennium?) my best wishes to all readers of this column.

MARY O'KANE



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Student takes prize against professional competition



ADELAIDE UNIVERSITY student Brendan Scott has won the 1999 Young Geotechnical Engineer's Prize for South Australia.

Mr Scott, who has just completed his BEng degree (Civil Eng.) with First Class Honours, was awarded the prize by the Australian Geomechanics' Society (South Australian Chapter).

His winning presentation was on the Tensile Capacity of Marquee Ground Anchors, a summary of the final-year research project he undertook with three other students, Tom Hampton, Guy Tuck and Craig Willis.

Entrants in the competition included three professional engineers from consulting practices.

—John Drislane

Radar microchip improves defence, wins award

A MICROCHIP that promises to enhance Australia's defence surveillance capabilities has won a prestigious award for Adelaide University researcher Andrew Beaumont-Smith.

Mr Beaumont-Smith, a postgraduate student in the Department of Electrical and Electronic Engineering, has been named winner of the 1999 Electronics Industry Association of South Australia Individual Award for Excellence in Engineering.

The award recognises his achievement in designing and producing a unique high-speed interval counter chip for use by Australia's defence forces in detecting radar systems.

Mr Beaumont-Smith, who works for the University's ChiPTec research centre, undertook the research on behalf of Avalon Systems Pty Ltd, a defence research and development company based at Tech-nology Park, South Australia.

Detecting and analysing incoming radar pulses is a key part of identifying radar systems. One aspect of the detection process can involve measuring the time intervals between pulses arriving at a number of antennae.

The more accurate the time measurement, the more information it yields about the radar system. Mr Beaumont-Smith's microchip brings a significant improvement in this level of precision and its small size will permit use on a wide range of ground, sea and air vehicles.

The chip is now the subject of a patent application, and an initial production run has been delivered to Avalon Systems Pty Ltd for use in its R&D program for the Department of Defence.

Mr Beaumont-Smith, who spent three months developing the chip, said the project had been very satisfying.

"When you're involved in research, you spend a lot of time investigating, designing solutions and publishing papers on your work," he said.

"As an engineer, what you really want to see is your work being put to use—hat's what engineering is about.

"The chips have been produced and the signs are promising that they will be used by the Department of Defence as part of the Avalon program.

"For me personally, it is very satisfying."

Mr Beaumont-Smith is due to take up a position with Compaq Computer Corporation in Boston, USA, next year.

His award from the Electronics Industry Association was one of four the Association made to organisations or individuals with a direct link to the University's Department of Electrical and Electronic Engineering.

The major award for outstanding achievement in the industry was won by GemPlus TAG Australia. The company, which manufactures security systems for large libraries, developed from Integrated Silicon Design, an enterprise started by the Department's Dr Peter Cole.

The Exporting Excellence Award went to Quest Electronics Developments, whose general manager, Tim Stolznov, is a graduate of Adelaide University. Quest won the award for its success in exporting point-of-sale intelligent terminals to more than 30 countries.

The Student Project Related Award was won by David Haley of Adelaide University.

All the presentations were made by the University's Vice-Chancellor, Professor Mary O'Kane, who was also the guest speaker.

—John Drislane

LETTERS TO THE EDITOR

How broad the education of engineers?



The Commentary by Professor Ian Young in the *Adelaidean*, Vol 8 No 21, of 29 November, offered a clear description of "The Broad Science of Petroleum Engineering", and as a Professor of Geology with decades of experience (now retired) I welcomed his enthusiasm to establish this new School. Inasmuch as he mentioned that *the detailed development of the curriculum...will begin shortly*, I wish to make the following comments-cum-suggestions. The information below applies to Petroleum as well as to all other types of engineering, indeed, perhaps to any discipline.

A few months ago I received from my undergraduate McMaster University Hamilton, Ontario, Canada, publications (of 1992 and 1998) about their New Engineering & Society Program that comprises auxiliary courses in preventive engineering, social responsibility, professional micro- and macro-ethics of experts, methodology and art of inquiry, problem solving, technological assessment, accountability, risk management, public relations, environmental stewardship, holistics and systems analysis, nature of designing, history and culture of technology and research, among others. This approach combines scientific/technological training and humani-

ties-based and social-science education. (Note the distinction here between 'training' and 'education'.)

Having been concerned about the numerous industrial, etc, accidents worldwide, I contacted over 20 universities to see whether they have done anything about this via modifying training/education with the result that written feedback indicated that, for example, the ANU Faculty of Engineering & Information Technology and the University of Cambridge's Department of Engineering have also introduced curriculum changes and/or expansions similar to McMaster University's. Will Professor Young perhaps consider such new trends in training-cum-education of engineers? More information is available on request from me—and, no doubt, from the three mentioned universities.

Dr KH Wolf
Sydney

Abolish the Senate



The recent Senate meeting defeated my motion on the notice paper, that the Senate can no longer usefully fulfil its legislated functions of commenting on university legislation, and on other matters as it sees fit. The conduct of the meeting became an argument in support of my motion.

Such is the decrepitude of the Senate that only about 100 members came to vote on a motion that, in effect, asked the Senate to beg for its own abolition, except as an electorate for Council. There are probably more than 50,000 living graduates of the University, of whom about 3500 register for the Senate meeting papers.

The scene was set by the first motion to be debated, which seemed to relate to why the mover, a new member of the Senate Standing Committee, has been declared by the State Attorney-General as a vexatious litigant against the University. It was seconded by another member of the Standing Committee, who vigorously expounded his cases against economic rationalism and drug legislation.

The Senate Standing Committee itself was devised because of the incapacity of the University to pass legislation without undue delays, as the full Senate meetings were so frequently inoperative or otherwise unproductive. There have been no contested elections for the Standing Committee for the last 20 years. If the Senate, as a member asserted, is like the upper house of a Parliament, then I was reminded both of Mr Keating's description of the Australian Senate, and of the case for compulsory voting in general elections.

The best speech in favour of my motion came from an opponent, Dr Sam Jacobs, QC. He conceded that the Senate was not an inappropriate

body to consider university legislation. However, he did not voice support for the idea, put forward by another member that, like the Governor-General, the Senate usefully holds 'reserve powers'. (One might well ask what members of the University Council think of that argument.) All that stopped Dr Jacobs from voting yes was that my motion was premature: the Alumni Association was not yet able to fulfil the task of representing alumni—I was tempted to interject that, as two bodies attempt the same function, neither do it well.

Another argument put was that the Senate acted as a sort of parliament, where ideas and opinions about university matters could be aired, free from censoring. Such was the value in the Senate of free debate, that the meeting voted to gag me, so I never got to speak on my motion.

I am told that the meeting later suspended Standing Orders to consider a motion without notice, about the review of biological science. Although two responsible university officers pointed out that the motion was based on a demonstrably incorrect factual basis, the meeting voted support.

So I conclude that no rebuttal of mine, however brilliant, would have changed the outcome of the vote.

Jonathan Pincus
George Gollin Professor
of Economics
School of Economics

Painted words

STUDENTS of last year's Postgraduate Diploma in Creative Writing have put together an anthology of their stories which is now being published by Wakefield Press.

Co-edited by students Brenda Glover, Kim Mann and Scott Hopkins, and by English lecturer and author Dr Eva Sallis, the book is compiled from a series of prose exercises based on five paintings by the famous South Australian artist Dorrit Black.

Called *Painted Words*, the book is a "lively and highly readable collection", according to Adelaide University's Professor of Creative Writing, Tom Shapcott.

"The subject matter helps focus the book and also it provides a great basis for illustrating the range and variety of responses to the same five illustrations," he said.

"It is a book that illustrates the effectiveness and success of the recently introduced postgraduate course in Creative Writing, as well as the individual talent and inventiveness of the contributors."

"As a collection [the stories] give a vision of the breadth of possibility for individual voice and imagination," added Dr Sallis.

"Individually, they are extraordinarily diverse stories. They include striking pieces of considerable psychological depth such as Joel Magarey's 'The Key of Release'; more meditative reflections and explorations; entertaining speculative fiction; stories of high drama, relationships, or abuse set in the past and present; wry witty virtuoso pieces such as Emma Hopton's 'Polar Bears in Sydney Harbour'; and more.

"They have a distinctly Australian feel and are exciting for more than just the freshness of talented new voices," Dr Sallis said.

Painted Words has been supported by grants from Adelaide University (from the Vice-Chancellor's Office as part of the 125th anniversary celebrations, and from the English Department) as well as by ArtsSA.

Study supported by industry

OLYMPUS AUSTRALIA, suppliers of domestic, research and medical optical equipment, have agreed to sponsor a major new tick study led by Dr Ross Andrews of Adelaide University's Department of Environmental Biology.

The company will sponsor the light microscope aspects of an initiative to produce a multi-volume series of books and interactive CD-ROMs concerning the identification and characterisation of ticks worldwide. CSIRO Publishing is undertaking the project in response to global demand for an up-to-date reference work on the parasites.

The first volume and CD-ROM will cover the ticks of Australia, with up-grades to include, South-east Asia and the Pacific during the estimated five years of production. Subsequent volumes and CD-ROMs will cover the Americas, Africa, Europe and Asia. The entire project is expected to take about 15 years.

Dr Andrews said he was extremely pleased with the support of Olympus and excited that it could lead to further corporate sponsorship. The project will incorporate morphology (both light and electron microscopy), ecology, genetic and molecular biology data as well as current diagnostic and



From left: Ms Janet Dibb-Smith, Director, Research Policy and Support; Professor Ross Milbourne, Deputy Vice-Chancellor (Research); Brendon Nicholls, Divisional Manager, Olympus Australia; and Dr Ross Andrews, Department of Environmental Biology.

treatment methods. Dr Andrews said he was hopeful that suppliers of the other equipment and materials needed would perceive the same benefits that Brendon Nicholls, Divisional Manager, Olympus Australia, had done.

On a recent visit to Adelaide University, Mr Nicholls reiterated his company's commitment to establishing a state-of-the-art imaging facility at the University to support the project. Discussions

also took place on how such an important resource could be utilised to benefit the University community as well as other institutions (eg. diagnostic facilities) within SA and nationally.

Preliminary work on the project has started already. It will be fully operational early in the new year when Dr Andrews' colleague and project co-instigator, Dr Trevor Petney, returns to Australia from Germany.

Town planning projects honoured

STUDENTS who got on their bikes to learn about town planning in rural South Australia have helped Adelaide University win an award from the Royal Australian Planning Institute.

In the 1999 Excellence in Planning Awards run by the Institute's South Australian division, the prize for best student project went to Issues in Landscape Sustainability, a program initiated by the School of Architecture, Landscape Architecture and Urban Design.

The project, which was started in 1997, has involved about 35 students working with councils and local communities in Strathalbyn, Loxton and Port Broughton.

It has introduced students to concepts of urban design, community planning and landscape design with economic

implications, woven around the concept of sustainability as contained in the State Government's Agenda 21 strategy.

As part of promoting the sustainability message, all the student teams have used bicycles when working in the towns.

Dr David Jones, who heads the project, said that in each instance, the town selected had been apprehensive about a group of university students using their community as a study venue.

"They were however pleasantly surprised with the level of commitment, concern and involvement displayed the students to the town," he said.

"In each instance, each town is pursuing several of the strategies and development proposals suggested by

the students, using their words and drawings as appendices to support funding applications and to provoke community discussion."

Dr Jones said it was unusual for a Landscape Architecture educational offering to win such recognition from professional planners.

In their comments, the Award judges said the project had established clear connections between design and planning by introducing design students to the planning system, policies, zoning structure and processes.

"The subject has allowed students to develop a greater appreciation of the role and importance of planning and design in steering and nurturing a town's future—thereby ensuring its cultural, economic and environmental sustainability," the judges added.

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Olympic flame ready to go for Sydney 2000

THE OLYMPIC TORCH has been officially handed over to the Sydney Organising Committee for the Olympic Games (SOCOG) after more than a year of intensive research in Adelaide.

A team of Adelaide engineers was chosen to develop the highly symbolic flame and combustion system for the torch.

With team leaders from Adelaide University's departments of Chemical Engineering and Mechanical Engineering, and a company based at the University's Thebarton Campus, Fuel & Combustion Technology (FCT), the team's expertise in combustion, aerodynamics and the environment made them the ideal choice for the task.

In all, more than 20 researchers, students and technical officers had a hand in bringing SOCOG's vision for the torch to life.

That vision included:

- making the flame highly visible, easily seen by crowds of onlookers and media cameras
- keeping the flame burning brightly at all times, even in strong wind and rain, cross-winds and the turbulence created by support vehicles
- ensuring that the torch is safe, reducing risk of personal or environmental damage
- making it as "environmentally friendly" as possible, with little smoke, a minimum of greenhouse gas emissions, and high fuel efficiency.

Each of these objectives has been met thanks to countless hours of hard work by the research team. And, through their efforts, the team will be able to see the fruits of their labours when 10,000 torch bearers will carry the Olympic Flame in the 100-day lead-up

to the Sydney Olympics next year.

"We have all found this to be an extremely exciting project to work on, both because of its international importance and because of the technical challenges involved," said the project team leader, Mechanical Engineering senior lecturer Dr Gus Nathan.

"Equally stimulating has been the synergy which has grown out of the strong team spirit, so that the end result has been significantly more than the sum of its parts."

One of those vital "parts" has been played by technical officer Mr Graham Kelly, who was presented with a special award from the rest of the team.

"His technical support, practical ideas and efforts 'beyond the call of duty' have made an enormous contribution to the success of the project," Dr Nathan said.

In their quest to produce the best torch in Olympic history, the Adelaide team considered almost every conceivable fuel, eventually settling on a mixture of propane and butane.

Some hi-tech methods were employed in the testing of the torch's design and performance.

Aerodynamics testing—ensuring the stability and safety of the flame—was conducted in two key research facilities: a water tunnel, which utilises coloured dyes to simulate the flame, and a wind tunnel, which helped researcher gauge the flame's response to strong winds from any direction. Lasers were also used to determine the key properties of the flame being produced.

The Adelaide team also adapted a unique design element for the torch to maintain the stability of the flame. This element, which is a commercial



From left: Associate Professor Keith King, Dr Gus Nathan and Mr Steven Hill at the Thebarton wind tunnel facility where the torch was tested. Photo: Brenton Edwards.

secret, could have wide-ranging industrial applications.

The completed combustion system for the Olympic Torch was given an official "handover ceremony" at Adelaide University on 24 November.

But the team's involvement with SOCOG does not end there. Other contracts have been awarded to the Adelaide team, including the combustion system design for the community cauldrons which travel with the Olympic Torches.

Each of these projects has carried its own challenges, and the engineering team, much like an Olympic team, has risen to the challenge.

Along the way the Olympic Torch project team has helped raise the profile of the University, Engineering and FCT

through media interviews and talks to schools, community, sporting and industry groups.

The chief designers of the Olympic Torch fuel and combustion system are: team leader Dr Gus Nathan (Mechanical Engineering), chief design adviser Emeritus Professor Sam Luxton (Mechanical Engineering), engineering manager Mr David Retallack (FCT), development engineer Mr Steven Hill (FCT), aerodynamics expert Dr Richard Kelso (Mechanical Engineering), fuel system designer Associate Professor Keith King (Chemical Engineering), and senior design engineer Dr Peter Lanspeary (Mechanical Engineering). Joint leader of the team Professor Dong-ke Zhang is now with Curtin University.

—David Ellis

Jazz book showcases talent

STAFF, former staff and graduates of the Elder Conservatorium feature prominently in a new book showcasing the work of some of South Australia's top jazz musicians.

The *South Australian Real Book* archives compositions by local jazz performers and also provides details and dates of relevant recording sessions.

Published by Jazz Co-ordination, it is edited by Bruce Hancock, Head of Jazz Studies at the Elder Conservatorium.

In his foreword, Mr Hancock writes: "The realisation of the *South Australian*

Real Book has been an ambition of mine for many years in order to showcase the very special jazz composers and performers that South Australia has produced over its jazz history.

"It is intended that further editions of the *SA Real Book* will be made available as new compositions evolve from our state's latest young composers."

The book retails at \$45, or \$40 for students (plus postage). For more information contact Margaret Reines: tel 8303 4339, fax 8303 4349.

East Timor: can we help?



Timorese student Helder da Costa was part of the capability seminar and went on the World Bank joint appraisal mission in East Timor which assessed the needs for the rebuilding.

LUMINIS is compiling a detailed capability statement that outlines the services Adelaide University could provide to help rebuild East Timor.

Luminis, the University's commercial arm, recently convened a capability seminar to explore ways in which the University could assist in East Timor. The plan now is to compile a detailed capability statement that outlines the consulting services available from academic staff within the University of Adelaide.

The University has much specific expertise that is relevant to the needs of

East Timor, including in public health, animal science, livestock breeding, architecture, telecommunications policy, language training, spatial information and mapping, to name a few.

Once complete, the capability statement will be registered with support agencies such as The World Bank, the Asian Development Bank and AusAID.

If you are interested in contributing to the capability statement, contact Paul Szuster at Luminis 83035020, email <paul.szuster@adelaide.edu.au>.

—David Washington

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Fran's Aussie flight an inspirational story

ADELAIDE graduate Ms Fran West has become the first woman to fly a fixed-winged aircraft completely around the coast of mainland Australia.

The 1972 Bachelor of Arts graduate, former librarian and business woman learnt to fly while living in Naracoorte in the State's south east. She now has several pilot's licences and ratings for different aircraft, as well as a licence to fly private aircraft in the US.

Ms West is also the State president of Soroptimist International, an organisation which works to advance human rights and the status of women.

Having become increasingly adventurous in recent years, Ms West decided to attempt a round-Australia flight.

Her idea was to commemorate the 21st anniversary of a flight in 1978 by three amphibian float planes, which made the first aerial photographic circumnavigation of Australia. The television series of this event, "Pelican's Progress", became the inspiration for her own attempt, known as Oz Flight '99.

"I watched the videos of 'Pelican's Progress' several times from 1992 and thought

what a fantastic coastline Australia has," Ms West said.

"My two mottoes in life are 'Life Be In It' and 'Nothing Ventured, Nothing Gained', so being divorced and a free spirit I had nothing to lose."

Ms West planned the flight over the course of several years, even giving up her job to pursue her dream.

On 3 July this year she took off from Naracoorte in a single-engine Cessna 172, then headed around Australia's coastline in an anticlockwise direction.

Two months and three weeks later she arrived home, having achieved her goal of circumnavigating the mainland. She had spent more than 120 flying hours, travelled more than 12,500 nautical miles (20,000 kilometres) and landed on 78 airstrips around the country.

"At times I wanted to give up because I struck such a lot of bad weather and hardly anything went to plan, except careful fuel management and piloting.

"For me the flight was a personal journey, learning a lot about myself, about flying, and learning about other people that I met on my travels or had with me on the flight to



Adelaide Uni graduate Fran West with the Cessna aircraft prior to take-off. Photo courtesy of Fran West.

keep me company.

"I'm not sure that I've conquered all my fears—I still don't like water, heights, strong winds, turbulence, low clouds, heavy rain, smoke haze, dust—but I am convinced that determination and the will to succeed can over-

ride anything," she said.

Ms West said she had now added a new motto to her list: "If I can fly around the coastline of Australia I can do anything!"

As far as she knows, Ms West is the first female fixed-wing

pilot to circumnavigate mainland Australia. She has delayed a planned flight around Tasmania until early next year to coincide with the 50th birthday of the Australian Women Pilot's Association.

—David Ellis

Atlas shows view of country life

HOW DIFFERENT is country life to city life?

When the Commonwealth Government's Bureau of Rural Sciences wanted a clearer picture of the state of rural communities, it turned to a team of geographers at Adelaide University.

Based at the Key Centre for Social Applications of Geographical Information Systems, the team was asked to draw up a series of national maps showing how country people fared in a series of demographic, social and economic categories.

Team members examined population growth and decline, labour force, income, education, health, housing and a range of other indicators.

The result, *Country Matters: Social Atlas of Rural and Regional Australia* is a 116-page publication that has been hailed as the most com-

prehensive analysis of rural communities yet produced in Australia.

The atlas provides new insights into the state of rural Australia and will be a valuable tool for policy makers at both national and local level.

Delegates at the recent Regional Summit in Canberra welcomed its publication enthusiastically.

The Key Centre prepared all maps and commentaries using data from the Australian Bureau of Statistics and a range of non-government organisations.

Centre Director Professor Graeme Hugo headed the team which comprised Rachel Aylward, Errol Bamford, Julie Davidge, Danielle Taylor and Darren Holliday.

—John Drislane

Sports stars get a touch of 'the blues'

ADELAIDE UNIVERSITY'S outstanding athletes of 1999 were honoured at an awards ceremony hosted by the University Sports Association.

Full blues, half blues, club letters and sporting scholarships were presented to athletes who performed with distinction in 11 different sports during the year.

The award recipients were:

Full Blues: Amber Halliday (rowing), Nigel Ronald Rudge (football); Ross Fitzgerald (hockey), Amy Elizabeth Slocombe (rugby union), Shane Allan Spellacy, James Nepiah Taylor (Tae Kwon Do).

1999 Bob Heddle Scholarships: David Cardone (athletics), Amber Halliday (rowing), Christina Bursill (rowing), Rowena Newcombe (athletics/swimming/fencing).

1999 Don Stranks Scholarship: Michael Smith (cricket).

Half blues: Paul James Smith (Kendo), Robert John William Geddes, Joshua Richard Sutcliffe

(rugby union), Darren Michael Jones (touch).

Club letters (for competition or service): Peter Roger Morgenthaler, Tanya Joy Clarke (badminton), Carmen Klomp, Amy Safe (rowing), Rowena Newcombe (fencing), Marcus Artur Bruening, William Matthew Chapman, Stephen Andrew Daly, Darien James O'Reilly, Richard William Foster, Naomi Lindsay (hockey), Paul James Smith (kendo), Eleanor Jane Parker (netball), Nicholas Briggs (snow ski), Penelope Claire Bennett, Gavin Watson (touch), Kris Moysse (volleyball).

Green and gold awards were presented to Liam Murphy (athletics) and Kris Moysse (volleyball) who represented Adelaide at the University Games in Perth.

Awards were presented by the Pro Vice-Chancellor, Dr Norman Ashton, Sports Association President Dr John Setchell, Dr David Cherry (Blues Committee) and Mr David Cardone (Athletics Full Blue).

—John Drislane

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Guild's 2000

ADELAIDE UNIVERSITY'S Theatre Guild is looking to 2000 with a season spanning the centuries.

The program opens in early May with a season of three short plays from the beginnings of English theatre, exploring the theme "God and the Theatre".

June Barnes, Warwick Cooper and Peter Goers will direct *The Wakefield Second Shepherds' Pageant*, *Everyman* and *A Crucifixion* respectively in The Bakehouse theatre, Angas St, from 6-20 May.

From 5-19 August, Shakespeare's darkly comic *Measure for Measure* (what is the measure of virginity?) takes the stage at the University's Little Theatre, directed by Michael Baldwin. This is followed in November by the 2000 version of the Theatre Guild's First Time Out format, which features experimental work by Adelaide's talented younger practitioners.

For 2000, the spotlight is on Adelaide graduate, writer, actor and director Andy Packer in a multi-media evening of script, performance and film in The Bakehouse theatre (4-18 November).

As well as the three main stage productions, the Guild will also present two moved playreadings with a "Spanish flavour" under its Classic Curiosities format, which aims to present plays rarely seen in Adelaide theatre.

On Sunday 19 July Daniel Golding directs Lope de Vega's exhilarating story of oppression, rape, rebellion, lynching and courage, *Fuente Ovejuna*. That is followed on 1 October by Thomas Kyd's brooding masterpiece, *The Spanish Tragedy*, directed by Rachel Paterson.

Both Daniel Golding and Rachel Paterson have completed the Honours Drama course at Adelaide University this year.

The Theatre Guild has also launched *As Many Lives As A Cat?*, a revealing, 170-page history of the company, with more than 70 illustrations, written by Kerrie Round.

The commissioning of Dr Round was supported by the Vice-Chancellor and the University of Adelaide Foundation to mark the Guild's 60th anniversary in 1998.

Publication was supported by the South Australian Government through the History Trust, the Barr Smith Library, and many Guild members who contributed financially. It is available from the Theatre Guild at \$29.95.

For details of the 2000 season and *As Many Lives As A Cat?* contact the Theatre Guild Administrator, Morag Skinner, on 8303 5999.

'Going troppo' over new book

TROPPO is the name of a highly successful architectural firm established in Darwin by two Adelaide University graduates, Mr Phil Harris and Mr Adrian Welke.

It's also the name of a new book which delves into the creation of the firm and its unique architectural styles.

Lavishly illustrated with sketches and photographs, the book is an insightful and refreshing look at the visual art of architecture.

Written by Philip Goad, senior lecturer in Architecture at the University of Melbourne, and with photographs by Patrick Bingham-Hall, the book traces the development of Troppo Architects from 1981 to the present day and details some of its major achievements.

"Since its founding in 1981 by Adrian Welke and Phil Harris, the Darwin practice with the delightful name of 'Troppo' has been responsible for an inventive and appealing series of houses, schools, restaurants and cultural buildings in the 'Top End' of Australia," said Professor Tony Radford, Dean of Adelaide University's School of Architecture, Landscape Architecture & Urban Design.

"The architecture is marked by an apparently relaxed but highly controlled sense of construction and order, influenced by Asian tropical



Adrian Welke and Phil Harris. Photo by Patrick Bingham-Hall.

architectures and the local slatted lightweight houses of the 1920s and '30s."

In his introduction to the book, Glenn Murcutt wrote that Troppo has found "the principles of an architecture appropriate for the tropics, and a spirit of place".

"Troppo—architecture for the Top End" is the second volume in the Pesaro Architectural Monograph series and is available from Pesaro

Publishing, Balmain, NSW. For more information phone (02) 9555 7422.

Phil Harris has recently established an Adelaide branch of the partnership, Troppo Architects (SA). One of the projects he is currently working on is the design of the Light/House exhibition for the Telstra Adelaide 2000 Festival, as featured on the front page of the *Adelaidean* on 15 November.

Summer graduation a first for Adelaide

WHEN Chris Possingham receives his Bachelor of Dental Surgery degree at Bonython Hall on 17 December, he will be helping to break new ground for Adelaide University.

Mr Possingham, pictured left, will be among about 300 undergraduates and postgraduates participating in the first summer graduation ceremony ever held at the University.

The pilot ceremony will involve students from Commerce, Dentistry and Medicine.

From next year, the main graduation ceremonies for students in all faculties will take place in December. A second opportunity to graduate will be provided at another time of the year yet to be determined.

The switch from autumn to summer ceremonies will allow local and inter-

national students to graduate together within weeks—rather than months—of completing their final exams in November.

Mr Possingham is a strong supporter of the change.

"I think it makes for a more complete graduation.

"People tend to scatter soon after exams finish. Many students don't want to come back four or five months later, so they apply to graduate by mail.

"I'm sure that holding the ceremonies in December will mean a lot more people graduating together."

After graduating, Mr Possingham hopes to work part-time with the South Australian Dental Service and part-time in private practice.

The Speaker at the ceremony on 17



December will be Professor Malcolm Gillies, Executive Dean of Humanities and Social Sciences.

—John Drislane

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Diet and culture connection

WHY DO young Australians eat what they eat?

Are they influenced by the same factors that affect the eating habits of young Malaysians?

Adelaide University aims to find the answers to these questions through a joint research project with Universiti Putra Malaysia and the Commonwealth Scientific and Industrial Research Organisation (CSIRO).

The research into the dietary behaviour of young adults (aged 18-30) aims to provide nutritionists with a better understanding of what leads to weight difficulties and obesity problems.

The three institutions are undertaking a cross-cultural comparison of the social and psychological factors that influence the food choice and dieting

habits of young people in Adelaide and Kuala Lumpur.

As part of the study, researchers have interviewed 90 young Malaysians living in Adelaide. Another 50 from Anglo-Saxon backgrounds have also been surveyed.

In Kuala Lumpur, researchers have questioned a total of 180 young people about their eating habits.

Analysis of the data collected will provide further insights into the relationship of psychological factors such as self-concept, self-esteem, anxiety, depression, and fear of becoming fat, with food choice, dieting nutrient intake and body weight and composition.

The research findings are expected to be published in March.

—John Drislane

Aboriginal song and dance takes the world stage

OVERSEAS AUDIENCES have been thrilled by a series of performances in Japan and Italy by the Centre for Aboriginal Studies in Music (CASM).

The CASM lecturers, who perform traditional and contemporary Aboriginal and Torres Strait Islander music and dance, were this year invited to attend two major events overseas.

The first was the Asia & Pacific Arts Cultural Festival held in Adelaide's sister city of Himeji, Japan, in October.

The performance by the group, called "Keriba Sagul" ("Our Dance"), was the international highlight of the festival and enthralled the audience with its visual flair.

Performers included Jardine Kiwat, Eddie Peters, Doris De La Cruz, Moses Warusam and Mark King. All the performers are CASM graduates and staff members, with the exception of Moses Warusam who is a final year student.

While in Japan, the CASM group also met with Japanese dignitaries and held performances and workshops at two Japanese schools.

"The children are very interested to know what the indigenous dances and the words mean," said coordinator and performer Mr Jardine Kiwat.

"It's a very important cultural exchange because they're learning about Aboriginal and Torres Strait Islander culture, but at the same time we're learning about Japanese culture."

The highly successful trip to Japan was the third to that country by CASM.

Last month another major event—*Liuteria nel Mezzogiorno*, the 9th Biennial Music Exhibition in Ortona, Italy—showcased both the talents of the CASM group and Aboriginal and Torres Strait Islander culture.

Although predominantly an exhibition devoted to Western classical music, this year the organisers wanted to incorporate indigenous elements. At the invitation of the National Tostian Institute and under the patronage of the national cultural body



CASM performers in traditional dress performing 28 Kulup for the Japanese crowd. Photo courtesy of CASM.

ISMEZ, the CASM performers were the feature of the exhibition's opening ceremony.

With performances and workshops every day, the CASM group was seen and heard by hundreds of European music-lovers and school children attending the event.

"We were the big hit of the exhibition," said CASM coordinator and exhibition curator Ms Jenny Newsome.

"It was our first trip to Italy and it proved to be a major success, with a great deal of media interest being placed on the Aboriginal and Torres Strait Islander performances and culture.

"We are very grateful to the National Tostian Institute for the opportunity to perform at the exhibition, and we hope

to build on our cultural ties with Italy as we have in Japan."

The performers at the music exhibition included Jardine Kiwat, Eddie Peters, Inawinytji Williamson and Peter Nyangu, and CASM graduate Mark King.

Performances involved Torres Strait Island song and dance, Pitjantjatjara Inma and didgeridoo demonstrations.

This time, the music, song and dance was also part of a much bigger display of Australian indigenous culture, involving exhibits of musical instruments, artwork and multimedia.

The collaboration needed to make the event a success involved CASM, the Tandanya Cultural Institute, the SA

Museum, Kaltjiti Arts & Crafts and the Pitjantjatjara Yankunytjatjara Media Association.

"It's been an exciting year for CASM, and it's very pleasing to be invited to perform to and entertain overseas audiences, helping to open their eyes to Australian indigenous culture," Ms Newsome said.

"Through major international events like these I think we have played an important role in spreading the good word about CASM and Adelaide University to the wider world, and I believe that will have great benefits for the University in building its international profile and reputation."

—David Ellis

Womad world music premiere for Warkala



ADELAIDE JAZZ GROUP the Australian Aboriginal Jazz Connection—Warkala is to have its world premiere at the prestigious Womad "Living Treasures" music and dance festival in South Africa from 16-19 December.

The Warkala members are the only Australian musicians invited to join an international line-up of musicians and performers from 23 countries.

The festival, to be held in the legendary Valley of the Thousand Hills, the land of the Zulus, is the inaugural event in a series of the KwaZulu Natal Millennium celebrations.

The six Adelaide musicians making up Warkala are: Jim Bailey (drums), Ian Brown (flute and penny whistle), Phil

Allen (saxophone and didgeridoo), Shane Ellery (piano), Tim Irrgang (percussion) and Darcy Wright (bass). The musicians all have connections to Adelaide University's Elder Conservatorium School of Performing Arts.

Jim Bailey describes the group's music as a unique blend of Aboriginal rhythms and western jazz, melding flute, brass, drums, bass with steel pans, marimba and didgeridoo to create a highly original Australian jazz sound.

"Jazz is international—it has no boundaries of culture or race—musicians speak the same language the world over," Mr Bailey said.

While the ensemble recognises the influences of Herbie Mann and Duke Ellington's Afro-Cuban jazz styles, several of the works being premiered are original compositions by the Aboriginal member of the group, Phil Allen, who is originally from Tasmania.

Warkala will share the bill with some of the giants of world music.

In addition to performing at the festival, Warkala has gigs in jazz clubs in Durban, Johannesburg and Pretoria, a series of workshops, performances and talks to schoolchildren, and a CD recording session with local musicians.



The Australian Aboriginal Jazz Connection—Warkala in practice leading up to Womad.

Warkala's attendance at the festival has been made possible by assistance from Malaysian Airlines, The Australian High Commission in Pretoria, the SA Division of Aboriginal Affairs, the SA Aboriginal Education & Training Advisory Committee and the Helpmann Academy.

Accommodation in Pretoria and the availability of instruments has been arranged by the Sheraton Hotel in exchange for Warkala performing for children at their 'adopted' school in Mamelodi.

—Sheila Bryce, Helpmann Academy

5UV caps off year with more awards

THE AWARD-WINNING year continues for University Radio 5UV, having received national recognition for its training and on-air programs.

In Melbourne on 3 December the station won the accolade of Outstanding Training Provider at the Adult Learning Australia awards. Training Coordinator Ms Nicky Page attended the dinner to receive the prestigious award, which acknowledged 5UV's contribution to life-long learning.

"This national award recognises our 27 years of providing opportunities for learning through our innovative and educational programming, our accessibility to members of the community and our commitment to high quality training," said Station Manager Ms Deborah Welch.

"More specifically it recognises Radio 5UV as a unique training provider, combining community education with industry-based training in a state-of-the-art radio station and production house."

Training programs were also recognised among the three awards for excellence won by 5UV at last month's annual conference of the national Community Broadcasting Association.

The Dave Rose Award for Best Accredited Community Radio Training was presented to 5UV for its comprehensive and nationally accredited training program, which is available to all 5UV volunteers.

Best Regularly Broadcast Spoken Word Program was awarded to "Writers Radio", produced for national broadcast by Adelaide poet and novelist Ms Cath Kenneally.

Best Regularly Broadcast Music Program went to "Local Noise", produced by Adelaide University Student Radio, which has recorded and broadcast a live Australian band every week for the last five years. The producers are Peter Adams, Christian Haebich and Jeremy Wheeler.

Farmers urged to consider deer

A NEW STUDY looking at feeding strategies for deer could encourage other farmers to move into deer production.

Feeding strategies are of major importance to farmers—the right strategy can help stock achieve their optimal market weight within a set time, and help reduce costs in the long term.

Trials conducted on the Roseworthy Campus over the past year have compared the effects of five dietary supplements on the growth of weaned fallow deer in late autumn.

The research shows that autumn is a crucial feeding period, playing a greater role in animal growth than initially assumed.

"For young stock, especially those weaned in autumn, early growth performance sets the animals up for life," said Adelaide University animal nutritionist Dr Dean Revell.

"Inadequate feeding can have a profound effect on their growth. This means they will take longer to reach their market weight and could require further supplementary feeding over a second summer, increasing production costs."

Dr Revell, senior lecturer with Agronomy & Farming Systems Dr Philip Tow, Honours student Mr Michael Fischer and technician Mr Maurice Malycha are all part of the



From left: Dr Philip Tow and Dr Dean Revell. Photo taken at the Roseworthy Deer Farm.

research team looking into this important farming issue.

They have found that with the right combination of grain and pasture feeding, weaned fallow deer can reach their optimal market weight within 12 months.

Dr Tow said other farmers who have access to grain and pastures, such as dairy farmers, might be sufficiently encouraged by this research to move

into the deer industry.

"Deer could be a useful alternative enterprise to complement current farming practices, with greater production possibly assisting market development," he said.

The research, funded by the Rural Industries Research & Development Corporation, is set to continue next year.

—Elizabeth Burns
Peter Fuller & Associates

Building new research links with China

CHINA is rapidly emerging as the world's biggest potential market for products and services, and is also gearing up its internationalisation of scientific research.

To promote collaboration with Chinese scientists, the Dean of the Faculty of Agricultural & Natural Resource Sciences, Professor Malcolm Oades, and Dr Yongguan Zhu recently made a one-week trip to China.

They visited the Institute of Soil Science of the Chinese Academy of Sciences in Nanjing and Zhejiang University in Hangzhou. Both organisations are highly respected in China in terms of their academic standards, and

share many similarities in research and education with Adelaide University.

Professor Oades had extensive discussions with many scientists, focusing on potential collaborative research projects, joint supervision of postgraduate students and attracting private undergraduate students.

One of the outcomes of the visit was the identification of areas for collaboration between the Adelaide Faculty and the Institute of Soil Science, including soil fertility and catchment processes, soil ecology and biochemistry, environmental pollution and remediation, and food quality and human health.

Both sides were also keen on setting up programs for joint supervision of post-graduates.

The immediate outcome of the visit was an agreement to jointly organise a China-Australia bilateral conference on agriculture, food and the environment, which will bring scientists from both nations together for a direct exchange of research ideas and interests.

Professor Oades said this would put Adelaide University in a strong position for future collaboration with China in these areas.

—Hugh McClelland
Manager, International

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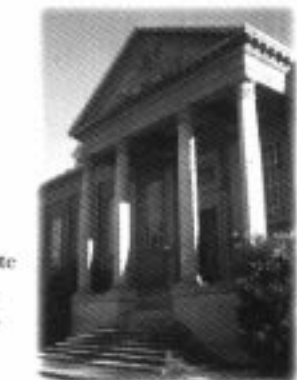
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AROUND 20 science teachers from rural areas of South Australia have spent two days touring Adelaide University's research and teaching facilities in agriculture, science, engineering, computer and mathematical sciences. The aim of the event—known as the PLUS program (Promoting Links between University and Schools)—was to give country teachers a better understanding of the many study opportunities for students at the University, to gain first-hand knowledge of current research and to strengthen their professional links with Adelaide University. Pictured is Andrew Wright from the Department of Chemical Engineering explaining to a group of teachers some of the processes students study within the department. The PLUS Program is organised by the faculties of Agricultural & Natural Resource Sciences, Engineering, Computer & Mathematical Sciences, and Science.

Obituary: Colin James Horne 1912 - 1999

THE ENGLISH DEPARTMENT Colin Horne came to had four lecturers (one on leave) and a tutor, and there were around 400 students in English I. But, thanks to the Murray Report and the Menzies Government, change was coming. In his first year Colin appointed four new lecturers; soon the Department was in the Napier Building with a staff of twenty-two. The number of students in tutorials was reduced to six and for Honours two or three.

Colin understood the value to the University of outside connections. He became a Friend of the State Library in 1958, was on the committee for twenty-one years and President for twelve. He chaired the Enquiry into the Arts in South Australia (1959-62). In 1960 he joined the Writers' Week Committee of the Festival, and was its chairman (69-74). Elected a Fellow in 1972, he served on the Council of the Academy of the Humanities from 76 to 78, and was Vice-President for two years. He was on the Committee of the International Association of Professors of English (65-83), President of the Australasian and Pacific Society for Eighteenth Century Studies (76-80) and Patron of the English Teachers' Association from 1960 and held many other offices. In 1979 he was appointed a Member of the Order of Australia "for services to education and literature": it was well deserved.

He worked hard to create a department of international standing. The young scholars he gave their first academic jobs were carefully chosen. Margaret Clunies Ross (McCaughy Professor in Sydney and past President of the Academy of the Humanities) wrote warmly of

her student days in *The Adelaidean* (20 September). When I told her this had pleased Colin, she remarked: "I think Adelaide had the best English Department in Australia then".

Two Festschrifts in honour of lifelong friends had contributions from Colin: *Augustan Worlds* (1978), for Arthur Humphreys, his Professor in the University of Leicester, and *Comedy* (1993), for Peter Dixon, Professor of English at Queen Mary and Westfield College, London University. Peter was Colin's first appointment after he came to Adelaide, and it was Peter's first job. A few words from the introductions to these books indicate the values Colin practised.

First, Richard Hoggart on Humphreys: *[He] was . . . wholly without rancour or malice. . . I never knew of his making secret deals or using sly devices . . . He kept on being fair. . . Few Heads of Department . . . give themselves roughly as much week-by-week teaching as their junior colleagues.*

John Chalker on Peter Dixon:

No-one was ever taken for granted; everyone's contribution was valued; all ideas could be discussed. As a result the Department was an exceptionally united and happy one.

Hoggart recognised the cost and the value.

If [he] had. . . given himself a lighter load . . . we might well have had [more publications. But his] legacy. . . is in staff and students all over . . . the world who have been affected for good by the care he gave them and the example he set them.

At 16, Colin won a scholarship to

Melbourne University, but could not take it, since it covered only fees, not living expenses, and he lived in Bendigo. He became a pupil-teacher, and two years later went to Melbourne on a teacher-training grant. His First won the Aitchison Scholarship (he just missed a Rhodes) which took him to Oxford; another First earned the Balliol College War Memorial Studentship for his MLitt. In 1939 he became Lecturer in English at Queen's University, Belfast, and married Margaret Parsons. In 1948 he moved to Leicester, and from there to the Adelaide Chair. The lecturer with a young family had been careful with money, and Colin Horne's academic gown, green with age, and his jackets reinforced with leather, were found comic by some. When Margaret Horne died in 1962 he had more serious worries than his wardrobe. There were some sad years, before (as his son David put it at the funeral) "he had the great good luck to marry Cynthia". Later he became a more stylish dresser, and it suited him. He was slim and upright, and with his wit and humour was an admired public person. But he always remained modest. Hard work and concern for others was normal human behaviour. He expected it of students and colleagues, and because of his own example his expectations were often met. He made us better people, and I am confident that the "legacy" of this wise and generous man will continue working in the world.

Colin Horne is survived by his wife, Cynthia, his four sons, David, Richard, John and Julian, and their children.

—Tim Mares
English



Colin Horne. Photo by Michael Lim, courtesy of the Horne family.

Former colleagues and students of the late Professor Colin Horne are invited to contribute to the cost of a memorial gift to be presented to the State Library of South Australia by the Friends of the State Library, of which Professor Horne was President 1981 - 1993.

Donations, which are tax deductible, may be sent to the Friends at GPO Box 419, Adelaide 5001. Credit cards accepted are Bankcard, Mastercard and Visa; cheques should be made out to The Friends of the State Library of SA Enquiries: Tel (08) 8207 7255; Fax (08) 8207 7247.

Why Dinosaurs hate Christmas!

THE SCIENCE & Mathematical Sciences Chapter is pleased to present its final talk for the year on Wednesday, 15 December at 7.30pm in the Mawson Lecture Theatre.

The speaker will be Dr Chris Nedin of the Department of Geology & Geophysics.

His talk will look at the origin of dinosaurs, what dinosaurs were and were not, the evolution of the dinosaurs in response to the changing Earth, and how our perceptions of them have changed.

Dinosaurs are a product of, and shaped by, the natural world around them. To better understand them they must be viewed in their context of their environments, Dr Nedin says.

Dr Nedin is well known for his contributions to palaeontology and is an active member of the Sciences Chapter.

Admission is free. Further details and bookings are obtainable from the Alumni office on 8303 5800.

Joyce book donated to Uni library

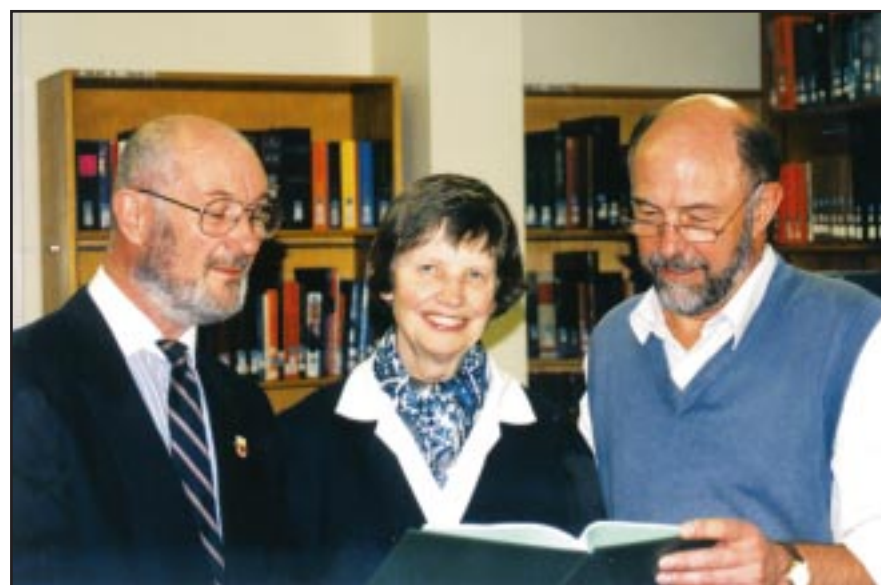
ONE of four copies of the songs from *The Joyce Book*, produced by the Friends of Willunga & Aldinga Libraries, has been presented to Adelaide University's Performing Arts Library.

The book was handed to the Performing Arts Librarian, Mr Gordon Abbott, by the president of the Friends, Mr Adrian Kavanagh.

During his presentation, Mr Kavanagh thanked Adelaide University alumnus Ms Jane Wilson, who in the 1970s discovered *The Joyce Book* at Cambridge while conducting research for her Masters degree.

Published in 1933, *The Joyce Book* contains 13 songs set to poems written by literary icon James Joyce. It also includes articles, a poem and a sketch by Augustus John, and was published to help raise funds for Joyce, who was living in virtual exile in Paris after the publication of *Ulysses*.

On Bloomsday (16 June) this year, Mr Keith Hempton and other staff



From left: Adrian Kavanagh, Jane Wilson and Gordon Abbott. Photo: John Drislane

and students from the Elder Conservatorium performed 10 of the songs in a turn-of-the-century style dinner, organised in memory of Joyce by the Friends of Willunga & Aldinga Libraries.

Plans for the celebration of Bloomsday 2000 are already being discussed, including the possibility of a concert at Adelaide University presenting all 13 songs from the book.



Barr Smith Library Tours

The Barr Smith Library is offering free 30 minute guided tours on the first Thursday of every month. These tours are ideal for staff, post-graduates and alumni who use the library. Familiarise yourself with the layout, collections, resources and services of the Barr Smith Library. Your guide will give you a Library Information Kit to keep for future reference.

Phone: Jennifer Osborn, Reference Services Librarian, 8303 3706 or email <josborn@library.adelaide.edu.au>. Max 12 per group.

The Arts and Lunch

The Cornell Chapter (Arts and Performing Arts Alumni) are hosting two lunches during the Festival of Arts. They will be held on 2 March and 9 March 2000. As in the past, prominent artists will feature as guest speakers.

Further details will appear in the first edition of the *Adelaidean* next year. Alternatively, information will be available from the Alumni Office, tel 8303 5800, early in the new year.

Alumni parking permits

Alumni members are advised that the year 2000 Alumni After Hours Parking Permits will not be available until after 15 January 2000.

The permits will be available from the Alumni Office after then at an unchanged cost of \$40 (please note that the University is absorbing the cost of the GST for the period 1 July 2000 - 31 December 2000).

Members who have 1999 Alumni After Hours Parking Permits will be permitted to use them until 31 December 2000.

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COMET boosts innovation

THE FEDERAL Government has announced a new initiative to encourage innovation in Australia—the COMET (Commercialising Emerging Technologies) program.

The Federal Government has allocated \$30 million to the program over the next three years in a bid to help individuals and small businesses to commercialise innovative products, processes and services.

Entry to the COMET program will be competitive, based on merit. Successful candidates will need to demonstrate that they have sound products as well as commercially viable markets.

For more information about commercialisation of research and technology, contact Mr Paul Szuster at Luminis on ext. 35020.

Benefactors day at Waite Campus

DESCENDANTS of benefactors who have supported the Waite Campus of Adelaide University were honoured for their contribution at a Benefactors' Day on 27 November.

Senator Robert Hill attended as a special guest of the Vice-Chancellor Professor Mary O'Kane; Chancellor Mr Bruce Webb and Director of the Waite Campus, Professor Malcolm Oades.

Senator Hill had the honour of launching the publication *Do and hope: realising the Waite vision*, which documents developments at the Waite Campus that have occurred as a direct result of donations.

The publication celebrates a proud tradition of support from members of the community, starting just over 75 years ago with a donation of land from pastoralist Peter Waite.

About 90 invited guests attended the luncheon on the lawns of Urrbrae House—originally



From left: Mrs Marion Wells and Mr Peter Morgan, descendants of Peter Waite, Senator, the Hon Robert Hill, Professor Mark O'Kane, Vice-Chancellor, Mr Bruce Webb, Chancellor and Professor Malcolm Oades, Dean, Faculty ANRS.

Peter Waite's family home.

Mr Phil Stott, Associate Dean for External Relations, said the day was a success.

"Benefactors' Day is a great opportunity to honour the generosity of individuals and families who have supported Waite

over the past 75 years," he said.

"The impact of these donations has been far-reaching and has ensured the consistent development of Australian agricultural teaching and research.

"We look forward to this commitment continuing," he said.

Positive signs in economic report

THE South Australian Centre for Economic Studies has released its final report card for the State's economy in 1999.

The regular economic reports are a major undertaking by the Centre and have become an important feature of its research and consultancy activities. The reports also maintain a high profile for the Centre, with widespread media coverage in newspapers, television and radio.

At the official release of the November '99 Economic Briefing Report, the Centre's Director, Professor Cliff Walsh, said the State continued to show a number of positive signs and had "outstripped" the nation over the last 12 months in employment growth.

He said the number of job vacancies being advertised pointed to continued growth in employment, while the South Australian economy should also continue to receive a boost from the still strongly growing national economy.

"Another positive sign for the economy—and one which is at least partly associated with the growth in employment—is the continued strong growth in international exports from South Australia," Professor Walsh said.

"This has occurred despite the difficult circumstances in the region arising from the poor economic performance of Asian nations.

"We also note that most economies involved in the 1997/98 Asian recession have now begun to recover and this will be positive for the outlook

for both the local and national economies."

The Centre's report showed that consumer confidence in South Australia was strong. This had fuelled further growth in retail spending and a continued increase in residential building activity, which represented a "significant vote of confidence in the future of the State".

However, there are still some challenges ahead. The report suggested that the continued downturn in new business investment in the State was a concern, as was the weakness in full-time employment growth in South Australia and the long-term trend towards a 'casualisation' of the workforce.

Professor Walsh addressed the issue of the lease of ETSA, saying that the successful completion of the lease deals was vital to the South Australian economy.

At a lunch at the the Hyatt to launch the November '99 Economic Briefing Report, business and community leaders also heard about plans for Woomera by guest speaker Mr Robert L Meuser of the Kistler Aerospace Corporation, who spoke about "Reviving Woomera as a Commercial Spaceport".

The SA Centre for Economic Studies is a joint research centre of the Adelaide and Flinders Universities. The Economic Briefing Report was edited by Senior Economist Kevin Kirchner, with Research Economist Janine Molloy and the Centre's Managing Director, Greg Coombs.

ACCOMMODATION

BEAUMONT: Fully furn, 5 br home in quiet cul-de-sac close to Waterfall Gully avail 25 April - 23 June. \$500 pw. Ph Mike 8204 7266 or Mandy 8338 2732.

EASTERN SUBURBS: Fully furn, fully equipped apartment, suit 2-4 people. Avail from mid Jan. Close to Uni, transport, shops. \$250 pw (depending on term). Ph 8332 4814 or email: <dyland@senet.com.au>.

FRANCE: Loire Valley (heritage and wineries). Character house, stunning view, 55 min from Paris by TGV, suitable for max 5 people. Weekly or longer rental. Car available. Ph/fax 8365 1078.

GLEN OSMOND: 3 br, fully furn house, walk to schools and Waite Campus, near transport. No pets, lawns mown. Avail Feb. \$220 pw + bond. Ph 8379 4869.

GILBERTON: 5 br villa with study, family rm, lge lounge/dine, 2 bathrooms, garden maintenance included, ample parking. Suit students. \$400 pw. Ph Judi 0419 802 946.

HENLEY BEACH: Spacious, renvated villa, 80m to beach, 3 br, 2 bathrms, study, lounge & family rms, air cond, d/w, unfurn. Avail Jan. \$300 pw. Ph 8356 8390 evenings.

HOLIDAY HOUSE: Hayborough/Victor Harbor. Avail during Xmas holidays, comfortable, sea views, opp reserve, very close to beach,

ADELAIDEAN CLASSIFIED

sleeps 6. Ph 8297 9371.

INNER SOUTH: Newly renovated studio apartment with 2 lge rms (bed/study & kitchen/dine) plus loft. Part of converted warehouse, fully furn, close to transport and shops. Avail 20 Dec - 7 Jan, furn. \$165 pw. Ph 8303 8534.

NORTH ADELAIDE: Twin rm & bathrm avail to visiting overseas academic. Use of sitting rm, share kitchen. Ph 8239 0095.

PARKSIDE: Person to share 3 br maisonette from early April - to mid July. Fully furn, rent neg. Ph 8373 7142

(ah) or email: <kdelapor@waite.adelaide.edu.au>.

TORRENSVILLE: 1 br flat, 10 mins from city, off street parking, close to shops. \$70 pw. Ph Michael 8354 2123.

WANTED: Visiting professor with 10 year old daughter need 2 br, fully furn house in North Adelaide or Walkerville end Jan. Ph 8267 4590.

FOR SALE

CUBBY HOUSE: On stilts with slippery dip and sand pit. \$250. Ph 8373 1737 (after 6pm).

GEMINI: TD 78 SLE, 5 speed manual, economical, good cond. SZA 753. \$750. Ph 8266 7778.

OFFICE EQUIPMENT: Metal filing cabinet, 4 drawers, \$30. Office chair, \$50. Big desk, L-shape, metal frame, solid wood, \$150. Ph Markus 8271 4468 or 8303 7274 or email: <markus.beck@adelaide.edu.au>

RACING BICYCLE: 26 inch tyres, frame height 80.5cm, Shimano 600 equipment (12 gears), excellent cond. \$300. Ph Markus 8271 4468 or 8303 7274 or email: <markus.beck@adelaide.edu.au>.

SOIL LAB EQUIPMENT: Mettler PJ3000 balance, \$300. Calibrated weights, 1, 2 & 5kg, \$100. 25 x Endocott

sieves from \$10. Liquid limit machine, \$200. Slotted sieves, \$50. Elongation gauge, \$10. Ph 8339 6202 or 0419 858 550.

MISCELLANEOUS

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

WANTED

WANTED: Second hand violin and second hand piano, suitable for child. Ph Helenmary 8303 4255 or 8351 6365.

Senate Meeting: Report of the Clerk of the Senate

SENATE MEETING 24 NOVEMBER 1999

The annual meeting of the Senate of the University of Adelaide was held on 24 November 1999, there being 101 members present at the start of the meeting and 58 at the end of the meeting.

Addresses

The members were addressed by eminent scientist, broadcaster and *Nature* correspondent Dr Peter Pockley, who spoke on the topic "Can Scientists Restore Trust in Science?" Dr Pockley illustrated how the negative portrayal of science in the media was directly linked to public support for research. He claimed that scientists had been tardy in addressing key questions about their work in genetics, molecular biology and nuclear matters and consequently were struggling to answer challenges to their credibility in ethical and commercial issues. To counter this disturbing trend, there had been an international move to place science more firmly in the wider spectrum of social and economic development.

Dr Pockley reported on his attendance at the World Congress of Science in Budapest, which had recognised the need for more emphasis in science on a code of ethics and

human values. Delegates such as Adelaide's Margaret Somerville—now at McGill University, Canada—had suggested a kind of Hippocratic Oath for scientists. The Australian delegation had been led by Gareth Evans and included Adelaide's Dr Sue Richardson.

Later in the meeting, the Deputy Vice-Chancellor (Education), Professor Penny Boumelha, representing the Vice-Chancellor, addressed the Senate on highlights of the University's activities in the past year.

Legislative business

The Senate approved the two items of business before it, namely repeal of Statute Chapter 25 clause 4C(a)-(e) (dealing with student academic progress) and repeal of Statute Chapter 18 (dealing with academic dress).

Motions of which notice had been given

Professor JJ Pincus moved that:

"Given the changed role of Council, following the 1996 amendments to the University of Adelaide Act; given that Council has confirmed Academic Board as its major non-managerial source of academic advice, and has other specialist standing committees for advice; and given the existence of

the Alumni Association, the Senate can no longer usefully serve the functions set out in Section 18(5) of the University Act."

The motion was lost, 27:58.

During the debate on Professor Pincus's motion, a further motion was foreshadowed. Dr R Crewther moved that a Select Committee of the Senate be established; and accepted some additional wording suggested by Dr SJ Jacobs. That motion was carried. It was later re-committed and the eventual motion was:

"The subject matter of Professor Pincus's motion together with the relationship of the Senate and the Alumni Association be referred to a Select Committee consisting of; the Warden of the Senate, three members of the Senate, the Chair of the Alumni Association, one other member to be nominated by the Alumni Association and a nominee of the Vice-Chancellor, all of whom must be members of the Senate."

The Senate subsequently elected Ms Anne Levy, Dr Baden Teague and Mr Tim Mares as its nominees to the Select Committee.

Other business

The Senate approved the Minutes of the Senate Meeting held on 26 November 1997,

and noted:

"the Warden's report to Council of the inquorate meeting of 25 November 1998 and subsequent events; the Report on Annual Elections to Senate Standing Committee; and the Report of the Standing Committee of the Senate on Matters other than Legislative Business from the Council. " All of these were published in the Notice Paper.

Motions of which notice had not been given

Dr M Cooling asked for leave so the following motion could be brought before the Senate:

"That this Senate recognises the value of Science as a discipline requiring its own faculty; and that it requests the Council to maintain the Faculty of Science in its current academic and administrative structure."

As the motion was without notice, the Standing Orders of the Senate required a two-thirds majority for the motion to be debated. The two-thirds majority was reached.

There was some debate, and the motion was carried 41:6.

SUSAN GRAEBNER
Clerk of the Senate

Adelaidean Schedule 2000

| Publication Date | Bulletin Board Deadline | Human Resources Deadline |
|------------------|-------------------------|--------------------------|
| 14 February | 3 February | 28 January |
| 28 February | 17 February | 11 February |
| 13 March | 2 March | 25 February |
| 27 March | 16 March | 10 March |
| 10 April | 30 March | 24 March |
| 24 April | 13 April | 7 April |
| 8 May | 27 April | 21 April |
| 22 May | 11 May | 5 May |
| 5 June | 25 May | 19 May |
| 19 June | 8 June | 2 June |
| 3 July | 22 June | 16 June |
| 17 July | 6 July | 30 June |
| 31 July | 20 July | 14 July |
| 14 August | 3 August | 28 July |
| 28 August | 17 August | 11 August |
| 11 September | 31 August | 25 August |
| 25 September | 14 September | 8 September |
| 9 October | 28 September | 22 September |
| 23 October | 12 October | 6 October |
| 6 November | 26 October | 20 October |
| 20 November | 9 November | 3 November |
| 4 December | 23 November | 17 November |
| 18 December* | 7 December | 1 December |

*to be confirmed

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

Christmas Cards

Media, Marketing & Publications has sold out of this year's Christmas cards. A limited second printing of 400 cards has been ordered, and they will be available from 13 December. Once they are sold, there will be no further print runs. The cards feature a detail of the sandstone work in the foyer of the Mitchell Building, see <http://www.adelaide.edu.au/PR/> and cost \$1.50 each. Please forward purchase orders to Pue-San Ng. Cash purchases can also be made from the Office, Rm G07, Mitchell Building.

WAKEFIELD PRESS INVITES YOU TO ATTEND THE LAUNCHING OF Painted Words

Edited by Brenda Glover, Kim Mann, Scott Hopkins and Eva Sallis - RRP \$16.95

Ruth Goble will launch the book at The Writers' Centre, Malcolm Reid Building, Level 2, 187 Rundle Street, Adelaide on Thursday 16 December 1999 at 6.00pm. Books will be on sale and light refreshments will be served. Wines courtesy of Wirra Wirra Vineyards.

Stories with a difference. The South Australian artist Dorrit Black, with five of her paintings as a catalyst, prompted this group of new writers to find a starting point, a window into themselves, but what they wrote as a result of this could never have been expected. This anthology brings together works of diversity and originality, and the liveliness of these individual new voices proclaims the enduring paradox of creativity.

Contributors: Deslie Dillich, Alison Blight, Karl Cameron-Jackson, Megan Clarke, Karin Dawson, Susan Farrugia, Brenda Glover, Prue Gorman, Annette Green, Kirsten Heysen, Scott Hopkins, Emma Hopton, Stephen Lord, Joel Magaret, Kim Mann, Meryl McDougall, Ann Myers-Sykes, Belinda Schenk, Ruth Sparrow, Richard Spurling, Andraya Stapp-Gaunt, Jared Thomas, Gwen Walton and University of Adelaide Postgraduate Creative Writing Course.

For further information and orders contact Stephanie Johnston or Kate Bailey at Wakefield Press, Box 2266, Kent Town, SA 5071, tel 8362 8800, fax 8362 7592 or visit their web site at: www.wakefieldpress.com.au

COMING EVENTS

December 13th — December 17th

MONDAY 13 DECEMBER

4.00pm **Applied & Molecular Ecology Seminar:** Investigations into the mechanisms of paraquat resistance in Capeweed (*Arctotheca calendula*) by Mr Chris Soar (PhD student). Charles Hawker Conference Centre, Waite.

TUESDAY 14 DECEMBER

10.00am **Geology & Geophysics Seminar:** Hydrothermal mineralizations: from basement to basins by Dr Andreas Schmidt Mumm (Institute for Geological Sciences, Martin-Luther University). Mawson Lecture Theatre, Ground Floor, Mawson Laboratories.

WEDNESDAY 15 DECEMBER

7.30pm **Alumni Association Sciences & Mathematical Sciences Chapter Public**

Lecture: Why Dinosaurs Hate Christmas (or, why are palaeontologists obsessed with dinosaur hips?) by Dr Christopher Nedin (Visiting Researcher, Geology & Geophysics). Mawson Lecture Theatre, Ground Floor, Mawson Laboratories. Admission free. Bookings/details from the Alumni Office, tel 8303 5800.

THURSDAY 16 DECEMBER

12noon **HCCR/IMVS Seminar:** Molecular insights into diseases of the extracellular matrix by Professor John Bateman (Royal Children's Hospital, Melbourne). Verco Theatre, IMVS.

FRIDAY 17 DECEMBER

12.45pm **Dentistry Seminar:** BScDent Research Report by Dr Sassan Chegini. Lecture Theatre 1, 6th Floor, Adelaide Dental Hospital.

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.

LECTURER IN SENSORY EVALUATION OF WINE AND FOOD PRODUCTS

(Ref: 10007) (Tenurable)

Department of Horticulture, Viticulture and Oenology

Salary: \$48,435 - \$57,518

This position is tenurable and available from 1 March 2000.

Further information concerning the duties of the position, including selection criteria, may be obtained from Professor Margaret Sedgley, Head, Department of Horticulture, Viticulture and Oenology, telephone (08) 8303 7248, facsimile (08) 8303 7116, email: <hvo@waite.adelaide.edu.au>.

Applications close 31 December 1999.

EXECUTIVE OFFICER

(Ref: 10019)

Department of Psychology

Salary HEO6: \$38,751 - \$41,959

This continuing position is available from 1 February 2000.

Further information including the duty statement and selection criteria may be obtained from Mr Christopher Cooper, Head of Department, telephone (08) 8303 5228, facsimile (08) 8303 3770, or email <christopher.cooper@adelaide.edu.au>.

Applications close 10 January 2000.

ADMINISTRATIVE ASSISTANT

(Ref: 3107)

Department of Obstetrics and Gynaecology

Womens' and Childrens Hospital

Full-time salary HEO3: \$26,725 - \$30,467

This fixed-term position is available from 2 January 2000 on a 24 hours per week basis for a period of one year in the first instance, with the possibility of renewal.

Further information including the duty statement and selection criteria may be obtained from Ms Sue Gibbons, telephone (08) 8204 7647.

Applications close 17 December 1999.

SECURITY OFFICER

(Ref: 7183) (Fixed-Term)

Property Services Branch

Salary HEO2: \$33,759-\$36,572

This fixed-term position is available from 31 January 2000 for a period of 12 months.

Further information including duty statement and selection criteria may be obtained from Security Services, telephone (08) 8303 5990, facsimile (08) 8223 1267.

Applications close 17 December 1999.

HUMAN RESOURCES DEADLINES FOR ADELAIDEAN

For the *Adelaidean* of 14 February 2000 advertising paper work must be received in Human Resources by 28 January 2000.

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

GENERAL NOTICES

Project Endeavour Financial Systems

Adelaide University's administrative staff will enter a brave new world of technology when they return to work after the Christmas break.

The "go live" in the first week of January for Project Endeavour Financial Systems will spell big changes for the way staff in all areas of the University manage and record financial transactions.

New on-line systems for purchasing, accounts payable and general ledger will be introduced as part of the implementation of PeopleSoft financial management modules.

From January, all purchase orders will be done on the desktop at Departmental level. This will provide immediate update of Financial information. Payments to suppliers—and reimbursement of expenses—will be made by electronic funds transfer instead of cheque, and new reporting systems will provide a single, on-line source of financial management information.

"We're completely changing the way the organisation operates," said the University's Financial Systems Team Leader, Marc Robinson.

"Until now, the finance systems in use across different areas of the University have been quite scattered, part-electronic and part-manual.

"The new systems will reduce clerical effort and allow us, for the first time, to have accurate, detailed, up-to-date financial information at the touch of a button. It's a pretty big shake-up."

Over the past two months, more than 180 staff from all areas of the University have undergone training in preparation for the changes.

Information sessions are being held at the North Terrace, Waite and Roseworthy campuses this month, and training sessions for another 200-plus staff will start in January.

A team of 31 users within the University will be available to provide support to colleagues. These users, known as "super-users", are located in every area of the University.

Further changes scheduled for next year include the introduction of a new billing system in May and new assets and inventory systems in August.

Meanwhile, in another Project Endeavour initiative, the University is set to become one of the first universities in Australia to implement the latest version of Research Master, a system tailored specifically for research administrators.

When the system goes "live" later this month, the University will also become one of the first to integrate ResearchMaster with PeopleSoft systems.

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

Campus Maps

New campus maps are now available from the following contacts:

Waite Campus: Penny Kempster, Reception, Main Building, Ground Floor, 8303 7235.

Roseworthy Campus: Chris Turner, Reception, Main Building, Ground Floor, 8303 7910.

Thebarton Campus: Lena Mastrogiacomo, Campus Office, The Distillery, Upper Floor, 8303 4468.

North Terrace Campus: Student Centre, Level 4, Wills Building. The Centre also has maps of all other campuses.

Call for Applications for Promotion to Level E

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

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

Applications should be made on the approved application form.

Completed applications (sixteen copies) must be submitted to the General Manager, Human Resources, by 28 January 2000.

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

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

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

Promotion will be effective from 1 January 2000.

STEVE DAYSH
General Manager,
Human Resources

Perimeter gates to close on Christmas Day

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

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

JOHN LARWOOD
Manager of Projects & Facilities
Property Services

Declaration of Results

ELECTION OF GENERAL STAFF MEMBERS OF COUNCIL (ONE VACANCY)

The appointed day for the election was Tuesday 30 November 1999.

There were three candidates for the one vacancy on Council, the vacancy being from 1 January 2000 to 5 March 2001. I declare the following candidate elected:

JOHN DOMINIC CECCHIN

ELECTION OF UNDERGRADUATE MEMBERS OF COUNCIL (TWO VACANCIES)

The appointed day for the election was Friday 26 November 1999.

There were three candidates for the two vacancies on Council, the vacancies being for one year from March 2000. I declare the following candidates elected:

ALIDA EMILIA PARENTE

ELYSIA TURCINOVIC

REX HANNEY
Returning Officer

HCCR positions available

SENIOR RESEARCH OFFICER

RESEARCH ASSISTANT

Hanson Centre for Cancer Research, Adelaide, AUSTRALIA

Two three-year positions are available from the first quarter of 2000 on a project that is funded by the US Department of Defense Prostate Cancer Research Program. The project, which is entitled In vitro Induction of Human Cytotoxic T Lymphocytes (CTL) Using Recombinant Fowlpox Virus (rFPV) Vectors Encoding Minimal Epitopes and Interleukin-12, contains these major elements:

- 1) Construction of rFPV vectors that express minimal CTL epitopes derived from prostate differentiation antigens;
- 2) Transduction of human dendritic cells (DC) with rFPV vectors;
- 3) Induction of primary CTL in vitro using the transduced DC;
- 4) Characterization of the primary CTL.

Position 1: Senior Research Officer: Ph.D. essential; 3 years of experience desirable; salary range: SAUD45,070-50,140 p.a.

Position 2: Research Assistant: B.Sc. (Hons) essential; 2 years experience desirable; salary range: SAUD31,550-36,957 p.a.

For both positions, technical expertise in PCR, recombinant DNA methods and the methods of DC/T cell immunology is essential. Experience in the construction and application of viral vectors would be desirable.

For further information, contact: Dr Michael P Brown, tel: 8222 4398 or 8222 4000, pager no. 22819, fax: 8222 4358 or 8232 2148, email: <mbrown@cancer.rah.sa.gov.au>.

Recruitment Advertising

While the *Adelaidean* is in its summer recess, the Human Resources website <<http://www.adelaide.edu.au/HR/newpos/advpos.htm>> will be the major source of information about job vacancies for December 1999 and January 2000.

For departments wishing to advertise vacant positions during the summer period, publication dates and deadlines for advertising material to reach Human Resources are as follows:

| Publication Date: | Human Resources' Deadline: |
|-------------------|----------------------------|
| 15 December | 3 December |
| 17 January | 10 January |
| 31 January | 24 January |

To assist departments that wish to advertise in the external press (eg *Advertiser*, *Australian*) during December/January, we advise the following deadlines:

| Publication Date: | Human Resources' Deadline: |
|-------------------|----------------------------|
| 18 December | 10 December |
| 8 January | 17 December |
| 15 January | 7 January |

STEVE DAYSH
General Manager, Human Resources

Christmas Close Down

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

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

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

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

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

Special Y2K Arrangements: An Agreement has been struck with the Union Single Bargaining Unit providing special arrangements for those staff members who make themselves available for call back during the Close Down period for any emergency work associated with the change over to the year 2000.

A copy of this Agreement is available from Human Resources.



Dental treatment at the Colgate Australian Clinical Dental Research Centre

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

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

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

Dental implants

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

Where? Colgate Australian Clinical Dental Research Centre, 2nd Floor, Adelaide Dental Hospital, Frome Road, Adelaide **For more information and to register your interest, call 8303 3436.**

Research Branch Update

ARC SMALL GRANTS FOR 2000

The recommendations of the Discipline Panels for the award of ARC Small Grants for 2000 have now been endorsed by the Deputy Vice-Chancellor (Research) and forwarded for the approval of the Chair of the ARC. A full list of the recommendations, by Faculty and Department, can be found on the "What's New" page of the Research Branch web site under "Main Events".

OTHER GRANTS AWARDED FOR 2000

Lists of the following grants awarded to staff of the University for 2000 may also be found on the "What's New" page of the Research Branch web site:

- ARC Fellowships
- ARC IREX Grants
- ARC Large Grants
- ARC RIEF Grants
- ARC SPIRT Grants
- NHMRC Project and Program Grants
- NHMRC Fellowships

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

ARC LARGE GRANTS AND RESEARCH FELLOWSHIPS SCHEMES: TIMETABLE FOR 2001 FUNDING ROUND

Friday, 10 December 1999: Guidelines, Application Form and Instructions available on Research Branch web site (and link to DETYA site): <<http://www.adelaide.edu.au/RB/formslist.html#arc>>. Draft applications due for Faculty/Departmental review.

Monday, 13 December 1999: General ARC Information Session, Council Room, Level 7, Wills Building 11.3 am to 1.00pm.

Week commencing, 17 January 2000: General Information Session followed by Discipline-specific discussion groups.

Wednesday, 26 January 2000: Due date for submission to Research Branch of two-page summaries relating to ARC/NHMRC overlap requests

NOTICE TO RESEARCHERS AND DEPARTMENTAL ADMINISTRATORS: Are you ready for the new millennium?

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

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

The same also applies to grant holders who are required to submit progress or final reports in January 2000 (eg to GRDC). They should download the relevant report form(s) before the closedown so they can meet their reporting obligations in good time. The Research Branch will also store this material on disk and will make a copy available to any Department which requests it.

and for Fellowship eligibility exemption (if applicable).

Monday, 7 February 2000: Advice of outcome of ARC/NHMRC coordination and Fellowship eligibility exemption requests. **Final deadline for submission of original and two identical copies of Research Fellowship applications to Research Branch (except those awaiting advice of outcome of exemption requests).**

Thursday, 10 February 2000: Final deadline for submission of original and two identical copies of completed Large Grant applications to Research Branch for administrative checking and dispatch. [Note: arrangements will be made for submission of applications at the Waite campus].

CRITICAL DATES INFORMATION SHEET

END OF UNIVERSITY'S FINANCIAL YEAR - 31 DECEMBER 1999

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

FINAL PROCESSING OF INVOICES, PURCHASE ORDERS AND JOURNALS

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

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

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

FINAL PROCESSING OF PAYROLLS

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

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

Period ended 31 December 1999

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

BANKING

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

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

DAVID CARVER, Financial Controller

Dr David Taplin: End of an era

RESPECTED animal scientist and lecturer Dr David Taplin has retired after 32 years at Adelaide University's Roseworthy Campus.

Following a successful career in research, teaching, student support, academic administration and more recently as Principal of Roseworthy (residential) College, Dr Taplin has decided to call it a day.

According to past director of the campus and Mayor of Gawler Mr Bruce Eastick, Dr Taplin has made a valuable contribution to both Roseworthy and to the Gawler community.

"David has worked hard to achieve the success he has at Roseworthy. However, he has also made a significant contribution to the wider community, especially through his dedication to the Uniting Church," he said.

"David has served on the Gawler Council and was a member of the Board of the Smithfield Memorial Park. He has also been a member of the Adelaide Plains Animal and Plant Control Board, the



Gawler Institute Halls Management Committee, the Gawler Traders Advisory Committee and the Gawler Barossa Oratorio Choir.

"We wish him every success in his retirement."

Dr Taplin received his Bachelor of Agricultural Science in 1963. He then went on to complete Honours in Animal

Husbandry and his PhD in Animal Physiology and Production.

He began work at the then Roseworthy College in 1967 as Senior Lecturer in Animal Husbandry and went on to run the animal production laboratory before being appointed as Head of Department, a position he held for 14 years.

In 1992, with the merger of the College with Adelaide University, Dr Taplin accepted the position of Associate Dean of Undergraduate Studies. In 1996 he became Acting Principal and later Principal of Roseworthy (residential) College.

At a farewell dinner held in his honour in the traditional dining hall at Roseworthy, former colleagues, friends, family, past students and current staff joined with over 160 guests to recognise his achievements and wish him well in his retirement.

Dr Taplin was a valuable member of the Roseworthy community and he will be missed by all staff and students.

ELIZABETH BURNS
Peter Fuller & Associates

Food & beverage outlets

North Terrace Campus:

Backstage Cafe & Mayo Refectory: closing 22 December, opening 10 January 2000.

Equinox Cafe: closing 22 December, opening mid January 2000.

Gallery Coffee Shop: closed, opening 24 January 2000.

Briefs: closed, opening 1 March 2000.

Will Cafe & Food Court: closed, opening 1 March 2000.

Unibar: closing 17 December, opening 1 February 2000.

Waite Campus:

Lirra Lirra Cafe: closing 22 December, opening 4 January 2000.

Roseworthy Campus:

Roseworthy Canteen: closing 15 December, opening 10 January 2000.

Roseworthy Tavern: closing 15 December, opening 10 January 2000.

Management reserves the right to vary opening times as required.

RESEARCH 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 (Update: Research), together with guidelines and application forms for some of the major schemes, are available at: <http://www.adelaide.edu.au/RB/>. For hard copy application forms and guidelines for the funding schemes listed below, contact the Research Branch, ext 35137; or email renae.minerds@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.

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

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

Environment Agency of Japan - 2000/2001 Eco-Frontier Fellowship Program: Internal closing date: 22 December 1999

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

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

Gladys Kriebel Delmas Foundation of New York - Fellowships for Study in Venice, 2000/2001: Internal closing date: 4 January 2000

John Carter Brown Library - Research Fellowships 2000-2001: Internal closing date: 4 January 2000. Web site: <http://www.JCBL.org>.

National Heart, Lung, and Blood Institute, USA: Positional Candidate

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

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

Department of the Environment and Heritage - 1999-2000 Cultural Heritage Projects Program: Internal closing date: 7 January 2000. Web site: <http://www.environment.gov.au/heritage/awhg.html>.

National Institute of Environmental Health Sciences, USA / National Institute on Aging, USA / National Institute of Arthritis and Musculo-skeletal and Skin Diseases, USA / National Institute of Child Health and Human Development, USA / National Institute of Mental Health, USA / National Institute for Occupational Safety and Health, USA, / Office of Behavioural and Social Sciences Research, USA - Health Disparities: Linking Biological and Behavioural Mechanisms with Social and Physical Environments: Internal closing dates: 11 January 2000 (Letter of Intent), 12 April 2000 (Full Application). Web site: <http://www.grants.nih.gov/grants/guide/rfa-files/RFA-ES-00-004.html>.

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

National Centre for Research Resources (NCRR), USA

- **Novel Approaches to Enhance Stem Cell Research:** Internal closing dates: 16 January, 15 May & 15 September 2000. Web site: <http://www.nih.gov/grants/guide/pa-files/PA-99-086.html>.

- **Comparative Medicine - Various Awards and Programmes** (Visit web site for further details) <http://www.ncrr.nih.gov>.

National Institute of Arthritis & Musculoskeletal and Skin Diseases, USA - Grants for Research on the effects of Microgravity on the Musculoskeletal System: Internal closing dates: 16 January, 15 May & 15 September 2000.

Scholarships

Unless otherwise indicated, information and applications are available from the Student Information Office, Level 4, Wills Building. Lodge all applications with the Student Information Office unless otherwise stated.

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

Australian Federation of University Women 2000: Details are available for the following bursaries: Doreen McCarthy, Barbara Crase & Cathy Candler (\$2,500); Diamond Jubilee (\$2,000) for post-graduate coursework; Padnendadlu (\$2,500) for indigenous Australian women; Jean Gilmour and Thenie Baddams (up to \$6,000); AFUW-SA Inc Trust Fund Coursework (\$3,000); Winifred Preedy Postgraduate (\$5,000). Closing: 1 March 2000 (AFUW).

Cambridge University: Information leaflet on the Evan Lewis-Thomas Law Studentship and Research Studentships (tenable in any subject) are now available. Closing: 1 February/1 March (UK).

Constantine Asprougourgos Memorial Scholarship for Greek Studies 2000: Open to bachelors or masters graduates of Queensland University undertaking a post-graduate course involving studies in at least one area of Greek studies in language, culture, literature, history, archaeology, society, religion, economy, politics or geography; and are undertaking the course at another university. Details from Prizes Officer, University of Queensland tel: (07) 336 51984, email: l.munro@mailbox.uq.edu.au. Closing: 14 April 2000 (Qld).

Dairy Research and Development Corporation General Training & Development: Available for study tours, and attendance at conferences, seminars, workshops and short courses. Overseas travel applications should be built into specific DRDC-funded projects within the Farm and Manufacturing Portfolios. Closing: 31 March 2000 (Melbourne)

Huygens Scholarship Programme

(Netherlands): Open to students under 35 years of age who are in the final stage of their studies, who graduated not longer than two years previously, or who are completing a PhD and would like to continue to study at a university, an institute of higher learning or an eligible research institute in the Netherlands. Closing: 1 February (ACT).

Leukaemia Foundation Greg Johnson Memorial Travelling Fellowship: Open to young experimental cancer researchers to cover economy overseas airfare, conference registration and accommodation for a program at which the researcher is presenting. Closing: 10 February (Qld).

Research Abroad Scholarships: Open to full-time postgraduates who have completed their structured program; part-time postgraduates not in employment and who can demonstrate financial need; Lecturers Level A who need to travel overseas to conduct research essential to their postgraduate work. Previous awardees are ineligible. Closing: 31 January (SIO).

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

Sir Charles Bright Scholarship Fund: Value: \$1000, to support disabled persons undertaking post secondary education. At least two awards will be made to vision impaired students. Closing: 24 December.

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