

Double the excitement for 'twinning' twins

IF YOU THINK you're seeing double, you're right.

Identical twins Jessica and Penny Fon are among the first batch of Malaysian students to graduate under the University of Adelaide's successful twinning program with the Sepang Institute of Technology (S-I-T).

The Fon twins joined almost 140 other Malaysian students to receive their parchments at this year's Malaysian graduation celebration, which was held at the Hotel Nikko in Kuala Lumpur on Sunday 23 May.

It really was a case of twice the excitement, with the number of Malaysian graduates more than double that of previous years. The ceremony in the Grand Ballroom was also attended by around 1000 VIPs, guests, friends, family members and University staff.

This was the sixth University of Adelaide graduation ceremony to be held in Malaysia, reaffirming the University's commitment to and appreciation of Malaysian students, and giving them the chance to celebrate their academic achievements with friends and family.

The KL ceremony was a doubly special event because it marked the graduation of the first large group of students to come to the University from the Adelaide/S-I-T twinning program. Under the program, Malaysian students can

study for the first two years of their degree at S-I-T in Malaysia, then travel to Adelaide to complete their degree.

Of this year's graduating students, 89 finished their courses in Australia under the Adelaide/S-I-T twinning program, with the majority graduating in the School of Commerce.

Two of those students were Jessica and Penny Fon, known to some as "the twins from the twinning program".

They said they chose the Adelaide/S-I-T program for a number of reasons, but mainly because of the University's excellent reputation.

"We knew the University of Adelaide was very prestigious," said Penny. "When we first heard about the program we checked it out and found that it was a good university with quality courses."

"We also were attracted to S-I-T because of the Lion Group [the company which owns S-I-T]. We knew that S-I-T was a new college and we thought we would give them a try—they deserved a chance."

"So with the combination of the University and S-I-T, we were very confident that we were making the right decision," Jessica said.

The twins have absolutely no regrets about their decision.

"It was a great experience for us," said



Jessica and Penny Fon: "a lot of sweet memories that will always be with us".
Photo: David Ellis

Jessica. "We gained very good exposure to different people, different cultures, different places. We have a lot of sweet memories that will always be with us."

"We were treated very well in Australia. Australians really respect Asians, and we made a lot of friends. We could easily have spent more time

in Adelaide, and if I have the chance to study again in Australia I'd go back to the University of Adelaide," Penny added.

Being twins in the twinning program was certainly an unusual experience, but also a pleasant one, they said.

Continued Page 8

New senior manager appointed

DR NORMAN ASHTON, the Chair of the Academic Board at the University of Western Australia, has been appointed Pro Vice-Chancellor (Internationalisation & Development) of the University of Adelaide.

Dr Ashton, Senior Lecturer in UWA's Department of Classics and Ancient History, will be responsible to the Vice-Chancellor for the University's development and internationalisation activities, including major fundraising.

Dr Ashton has been involved in development activities at UWA, including helping to oversee alumni relations, community involvement and fundraising.

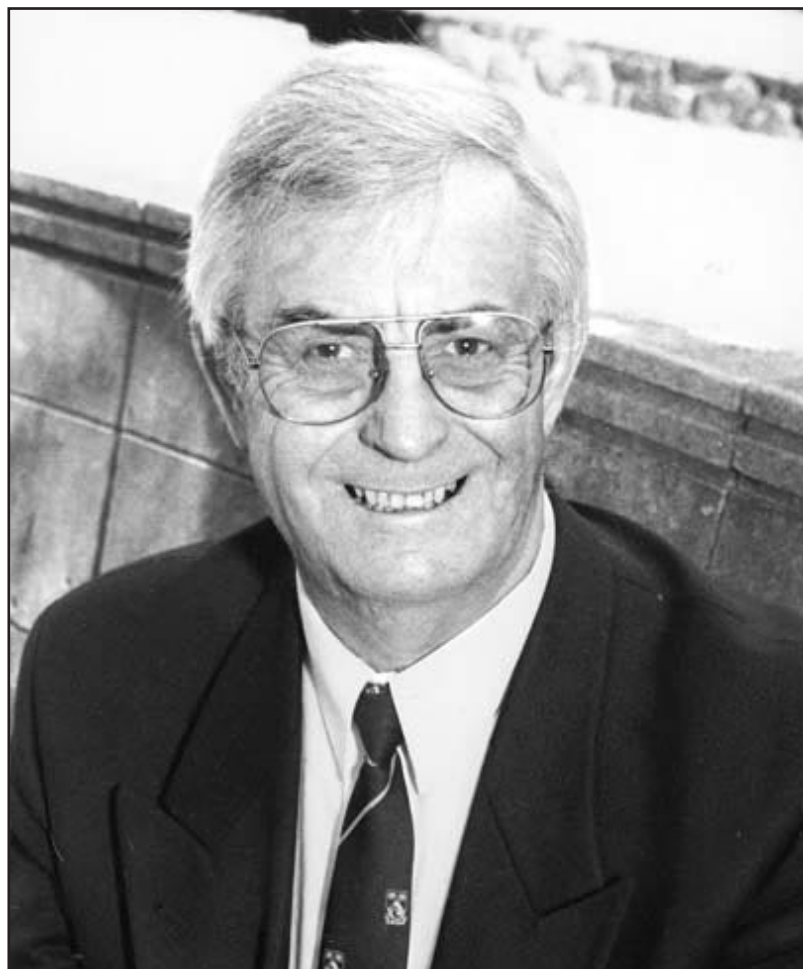
He has broad community experience and has served on the organising committees for the World Hockey Cup and the World Swimming Championships held in Perth. He has served on behalf of the Government of Western

Australian on a steering committee for the establishment of the Challenge Stadium, and as chair of the Board of Trustees of the Western Australian Sports Centre Trust.

Dr Ashton earned a Bachelor of Arts with First Class Honours in Classics and Ancient History in 1972 and a PhD in 1980, both from UWA.

He is very active outside the University, receiving awards from the Academy of Athens and the Government of Greece. He has undertaken entrepreneurial work, including raising and servicing sponsorships, for the Australian Cricket Board and the Australian Schools' Cricket Council.

The Vice-Chancellor, Professor Mary O'Kane, said this was a very strategic appointment to the University and would enhance the capacity of the University to diversify income and develop further its international profile.



Dr Norman Ashton: new Pro Vice-Chancellor.

Celebrating
125 years

FROM NEAR AND FAR

WILLIAM LAWRENCE BRAGG: THE EDUCATION OF A SCIENTIST

Patience Thomson is the younger daughter of WL Bragg and is married to David Thomson, whose grandfather the physicist, JJ Thomson, discovered the electron.

My father, William Lawrence Bragg, enrolled at the University of Adelaide in 1906 at the exceptionally early age of 15. He graduated with first class honours in mathematics in 1908. Shortly afterwards he left South Australia and moved to England with his family because his father, William Henry Bragg, who had been Professor of Mathematics and Physics at Adelaide for 22 years, had accepted a Chair at Leeds University in Yorkshire. My father went up to Cambridge University in 1909, graduating in 1912 and subsequently remained in Cambridge to do research at the Cavendish Laboratory under JJ Thomson.

In 1915, seven years after graduating from Adelaide University, my father, WLB, was awarded the Nobel Prize for Physics, jointly with his father, WHB, for their pioneering work in X-ray crystallography. At the age of 25 he was, and still remains, the youngest person ever to have become a Nobel Laureate. By the time he heard the news, the First World War had broken out and he was in France. Stationed close behind the front line, he was working out a method of establishing the position of the enemy guns through "sound ranging". It was a family legend that the local French curé bicycled through the mud to find him, clutching the telegram from Stockholm in his hand.

It would be easy to assume that such early distinction in Physics was only gained at the cost of my father's all-round education. He must, one would think, have specialised in the subject at an early age, his talent recognised and fast-tracked at St Peter's College and subsequently at Adelaide University.

This was not really the case. It is true that WLB's father's interest and support ensured that he received the best mathematics and science teaching available. At St Peter's it was the chemistry teacher who inspired him. Much of his tuition at Adelaide University was undertaken by WHB personally; he was even allowed to work in his father's room in the new university building. The extent of knowledge in Physics was of course also much more restricted then. There was simply less to learn. So the courses my father pursued could include mathematics, chemistry and physics, and were much more broadly based and comprehensive than would be possible these days when the frontiers of knowledge have been pushed far further forward. Early specialisation is essential now if the ground is to be covered which leads to original research. Later in his career WLB's awareness of the contribution of the different disciplines, in particular chemistry, would be of use to him in his study of the atomic structure of crystal molecules and later of proteins.

There were other factors in his upbringing and education which were less obvious but contributed, I would guess, to his originality of mind, breadth of knowledge in science and ability to think laterally and creatively. He was a keen natural historian, his interests covered zoology, ornithology and botany. In later life he was an avid bird watcher and a dedicated gardener.



A young Patience Thomson pictured with her father. Photo courtesy of Patience Thomson.

It was only on a recent visit to the botanical gardens of Sydney, Hobart and Melbourne that I realised that the glorious and confidently colourful planning in his various English gardens reflected his Australian origins. Even as a child he would spend hours fossicking on the beach at Glenelg and discovered a new shell which was named after him, 'sepia braggi'.

His grandfather, Charles Todd, Postmaster General, Government Astronomer and Superintendent of Telegraphs for South Australia, had given him an interest in astronomy, in maps and routes and physical geography. An elderly missionary had fired him with stories and examples of the Aboriginal culture long before the days of political correctness. He retained an interest in what would now be classed as social anthropology. This home background reinforced the academic education he received at St Peter's and at Adelaide University. I think this was important.

There is another element. There was a family tradition of the importance of being "good with one's hands". My grandfather had had to construct and improvise much of his scientific apparatus when he arrived in Adelaide in 1886. My great grandfather, Charles Todd, had needed a wide range of practical skills when he supervised the building of the Overland Telegraph Line from Adelaide to Darwin in the early 1870s. My father carved us boats that zoomed down the bath propelled by twisted rubber bands, perfectly crafted doll's furniture, and devised a telephone made of tin cans and string to link us with a neighbouring friend. He constructed a log cabin in the garden, complete with windows, a door, and an outside barbecue. What we would now call design technology was part of his heritage.

In many ways this stimulating home environment which supported and enhanced his academic education begins to explain how, scarcely out of university, my father had the originality and insight to determine

that the two-dimensional pattern of dots on an X-ray slide could reveal the truth about the three-dimensional arrangement of atoms within the molecule. Would it be fanciful to suggest that it was with the same cast of mind that Charles Todd had looked at Stuart's maps and transformed them into a feasible passage through desert and mountain range across Australia to carry the Overland Telegraph to Darwin? Or that my father's facility with carpentry tools represented an ability to translate the abstract idea into concrete knowledge, or that the breadth and scope of his South Australian education enabled his mind to be more flexible and open to new ideas and created a lateral thinker?

There is one more vital ingredient of my father's Australian education which shaped his thought processes and influenced his academic development. I have already explained the breadth of his scientific interests. More surprising was the fact that he had a thorough grounding in the Classics and other Arts subjects. His confidence with words, with the structure of the language and the art of communication was to be a strength throughout his life as a lecturer and a writer.

My father remembered in adulthood the Greek he had learnt at St Peter's to a standard where he could still, in his sixties, read Homer's *Odyssey* in the original. I was disconcerted to discover, when studying such French writers as Gide, Maupassant and Loti, that my father had read all the texts. He had dissuaded me from reading English because he believed that literature should be read for pleasure as a matter of course. He himself was well acquainted with Shakespeare, Jane Austen, Trollope and Dickens and used to read Browning to us in the evenings. He introduced me to the Old Testament at an early age; quite apart from its religious significance he loved its sheer poetry. His boyhood books, which I inherited, include a wide range of adventure stories; he

obviously read for pleasure.

During my years of teaching, and latterly as a head teacher, I have concluded that facility with language contributes to clear thought processes as well as communication skills. "If you can't express what you're thinking, then you are not thinking clearly", my father told me. It was one of his regrets that so many latter-day science students did scant justice to themselves on paper.

What did my father miss out on in his education at the turn of the century? I have already stressed what he gained. To some extent the answer is a simple one. He missed out on the light-hearted socialising, on the companionship of other students (he was relatively much younger which isolated him), on long evenings spent arguing politics, discussing the campus issues of the day and generally setting the world to rights. As a student he did not have a girlfriend and he was not a party goer. It helped that he was a reasonable sportsman and athlete. He had a younger brother, Bob, who was a close companion. But he lived at home and compared with student life today, his was bound by a somewhat sober routine. Although this did not arrest his academic development, it created a somewhat shy and private personality. This was, however, almost entirely due to character and circumstance rather than any shortfall in the opportunities offered for socialising and personal friendships at St Peter's and at Adelaide University at the time.

For my father, satisfaction came from finding pattern and purpose in life, and his scientific discoveries undoubtedly gave him aesthetic pleasure. WLB was always truly proud of his origins. I believe it was his pioneering South Australian roots, and the education at St Peter's and at Adelaide University, of which he spoke so highly, that shaped the mind which was to be a major influence in the scientific development of the twentieth century.

Male-female pay gap still an issue

NEW STRATEGIES are needed to close the 16% pay gap between Australian men and women in equivalent full-time jobs, according to research presented to a seminar at the University of Adelaide.

The seminar—hosted by the Centre for Labour Research—brought together more than 20 labour market researchers and policy makers from across Australia to discuss pay equity policy options. The round table session marked the 30th anniversary of the 1969 Equal Pay Case which awarded equal pay for equal work.

Dr Barbara Pocock, Senior Lecturer at the Centre and the round table's convenor, said that despite 15 years of equal opportunity, anti-discrimination and affirmative action law, the gender pay gap in Australia remained persistent and unchanging. Women currently earned about 84% of equivalent men in full time work, she said.

"It is timely to consider the research evidence explaining the pay gap and consider afresh the options before Australian policy makers," she said. "The round table brought together scholars, government officials, women's and union organisations to reflect on new directions."

In a paper co-authored with Michael Alexander of Griffith University's School of Industrial Relations, Dr Pocock said the pay gap could be attributed to a range of factors. These

included human capital (such as education and experience); demographic factors (including sex, location, the presence of children); job characteristics (including occupation, industry, casual/contract etc) and workplace characteristics (including size of workplace, feminisation, nature of product market etc).

Dr Pocock said research indicated these factors explained about half of the pay gap. The reasons for the rest of the gap were "unexplained and perhaps attributable to the continuation of direct discrimination", she said.

Data from the 1995 Australian Workplace Industrial Relations Survey (AWIRS) enabled Dr Pocock and Mr Alexander to analyse in detail the reasons for the gender pay gap among a representative sample of 10,342 employees.

They found that women in highly feminised occupations received wages more than 15% lower than those in male-dominated occupations. They also found that the presence of children over-five was associated with lower pay for women, but the reverse was true for men.

Casual employment was associated with significantly lower pay for both sexes, particularly men. However, the penalty on women was severe because of their predominance among casual workers.

Dr Pocock and Mr Alexander said Australia's affirmative action laws were now being disarmed. As evidence, they pointed to the Coalition's plans to adopt a more "persuasive" approach on affirmative action, to move to biennial company reporting and to rename the Act and Agency as equal opportunity rather than affirmative action initiatives.

Their paper concluded: "Effective progress requires pay equity strategies that address casualisation, women's responsibility for the domestic and dependents, their concentration in female-dominated occupations and workplaces and the tenacious existence of direct discrimination."

Papers from the round table seminar will be published in a special issue of Labour & Industry later this year. These will include a paper by Professor Margaret Hallock, Director of the Labor Education and Research Centre at the University of Oregon, focusing on the North American experience of gender pay equity.

The Vice-Chancellor of the University of Adelaide, Professor Mary O'Kane, opened the seminar. She said the initiative was part of the University's continuing emphasis on social justice which included the establishment of the Don Dunstan Foundation.

—John Drislane



Graduation Celebration

One of the highlights of my year is attending our annual graduation celebration in Kuala Lumpur. My visit to South-East Asia last week also included alumni functions in Malaysia and Singapore, so I was able to enjoy the company of our newest alumni and some of our established alumni.

The University's alumni in these countries are strong supporters of their *alma mater*. The Malaysian alumni are wonderfully led by Sim See Kee, taking over from Chris Chong, who deserves a lot of credit for building alumni relations in Malaysia.

There was a sense of festivity and inclusiveness in all the events. In Malaysia, the celebrations had a satisfying new dimension with the graduation of the first large group to complete their studies in the University's twinning program with the Sepang Institute of Technology. Also graduating were students who had played an important role in the Overseas Students' Association, and its constructive participation in debate sparked by the early electoral success of Pauline Hanson and her party.

Which brings me, naturally, to the issue of multiculturalism. Since the establishment of the Colombo Plan, which began in 1951, Australia has been blessed in learning about multiculturalism. With the influx of students from Asia and other regions, we were able to learn about each other's lives and customs. Indeed, I've often wondered whether Adelaide's reputation as a creative food capital has something to do with the presence of Asian students over many years.

I was very pleased that the new Chair of the Alumni Association, the Honourable Greg Crafter, could join us in Kuala Lumpur and Singapore to meet alumni, talk about the future of the association, and carry greetings from the past Chair, Dr Harry Medlin.

At the time of publication, I am preparing to go to Hong Kong for the inauguration of a new chapter of the Alumni Association. This is a tangible reminder of the international nature of the University and the fact that we have a strong presence in the region.

These celebrations are always invigorating for me. Our alumni in South-East Asia are enthusiastic and proud supporters of the University of Adelaide and are an important part of the University community. Their continued involvement with the University is a tribute to the quality of education they received here, and the efforts of the Alumni Association.

MARY O'KANE

University Forum

THE RECENT University of Adelaide forum on the University's financial position has raised broad strategic issues about the institution's direction.

The forum, in the Kerr Grant Lecture Theatre about two weeks ago, included a detailed presentation on the finances—and a comparison with other universities—by the Director, Finance and Infrastructure, Mr Tony Siebert, and the Director, Student and Staff Services, Mr Ian Creagh.

The slides from the presentation will be available to staff on the Web at: <http://www.adelaide.edu.au/VC_office/enterprise_bargain/index.html>.

The Vice-Chancellor, Professor Mary O'Kane, opened the forum, saying that the University had to think hard about how to fund its future.

She said the University needed to diversify its income base so that researchers had the time and resources to do excellent work, and to ensure that the quality of staff life at the University was improved.

Mr Siebert and Mr Creagh presented detailed information about sources of revenue, how the University funding "pie" is sliced up, including the proportion spent on salaries, research and other items.

Professor O'Kane said another forum will be held to follow up issues raised.

Project endeavour launched

THE UNIVERSITY OF ADELAIDE has launched Project Endeavour—a project to rejuvenate its management information systems to provide students, staff and partners of the University with better services.

The University has reached an agreement with American software company PeopleSoft to provide the new system, which will integrate the University's student administration, research, human resource and finance systems.

The PeopleSoft system, already used by 200 universities across the United States, including several prestigious research universities, will allow speedier access to information, as well as more efficient delivery of services.

The new technology will enable the University to explore more flexible and innovative options for service delivery to staff and students, suppliers and partners, including better and broader online services.

The Vice-Chancellor, Professor Mary O'Kane, said PeopleSoft had been chosen to provide the system because of the competitiveness of the company's tender bid and its ability to provide an integrated suite of software products tailored specifically for universities.

"The system will not only improve services to staff and students, it should also help us to build better communication with the entire University community," she said.

"A single database will link every-one connected with the University—from

staff and students, to suppliers, commercial, research and government partners and alumni.

"Universities are, as we all know, very complex organisations. The new system will make it far easier for us to manage our many different kinds of relationships."

The new systems will progressively come on stream over the next two years, beginning with Payroll in November 1999 through to implementation of Student Administration in time for the 2001 academic year.

Project Endeavour involves a partnership between the University, Ernst & Young and PeopleSoft. The project team, led by Richard Arrowsmith as Project Director, combines staff from the three partners and brings to the project a strong blend of relevant skills, experience and technology.

Ernst & Young, which has extensive experience in implementing PeopleSoft systems, most recently at Auckland University, is assisting in the management of the project.

The project team will be conducting a comprehensive information and consultation program, commencing with a series of "road shows" to all faculties during and after the mid-year break.

The Project Endeavour Office can be contacted on ext 36252 or for more information go to the Web site at <<http://www.isb.adelaide.edu.au/mis2001/index.html>>.



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Aboriginal lands management workshop success

IN A FIRST for South Australia, Aboriginal land holders have met together to discuss land management and to develop priorities for on-ground works and improvements to Aboriginal owned and managed properties.

Run over two days, the Aboriginal Land Management workshop held at Roseworthy Campus attracted people from places such as the Point Pearce Community, the West Coast, Coober Pedy, the Nepabunna community, and the Coorong. Representatives from the three South Australian statutory Aboriginal land holding organisations Anangu Pitjantjatjara, Maralinga Tjarutja and the Aboriginal Lands Trust and from the Indigenous Land Corporation also took part.

The workshop was organised as part of the development of a Strategy for Aboriginal Managed Lands in South Australia (SAMLISA). This project is funded through a Natural Heritage Trust (NHT) grant and is directed by a steering committee with representatives from Aboriginal land holding organisations, PIRSA and the Indigenous Land Corporation.

SAMLISA will produce a report which identifies issues and priorities of Aboriginal land holders to assist in the consideration of future land management support programs and funding allocations for Aboriginal groups. This is particularly important as their circumstances and priorities are often different to those of other landowners.

According to the project leader, University of Adelaide Lecturer Dr Jocelyn Davies, the workshop was an important vehicle to raise ideas and form priorities for land and associated water management.

"South Australian Aboriginal community groups and land holders have been taking a proactive approach to addressing degradation of their lands. Strong support from key government agencies such as the NHT office of PIRSA is helping them get their fair share of assistance from NHT. We are confident the guidelines we are developing for facilitators, community groups and Government funding organisations will be a big step forward for future land and water management," Dr Davies said.

"The workshop was very successful and has helped us to identify what key objectives and issues Aboriginal land

holders have for the future management of their properties.

"About 20% of South Australia is freehold and leasehold land owned by Aboriginal people. Most Aboriginal land holders are in a different situation from other land holders. One reason is that they get little or no income from their land. This is because the land is either very arid, it was purchased in a badly degraded state, it is used as a community living area or it has conservation value which therefore limits agricultural and grazing use. The land also has strong cultural values which can rule out potential economic land uses.

"This means that many Aboriginal groups who own land have limited resources to access it and actively manage it, as well as a lack of infrastructure for management, including equipment and adequate information.

"There are also very many Aboriginal people who do not own any land. If they are able to acquire land, which will mainly be through purchases funded from the Indigenous Land Fund, they will also take on new land management responsibilities.

"However, the biggest hurdle for Aboriginal groups to get equity in the land management area is the limited understanding and awareness amongst the wider community and government agencies of the context, objectives and issues for sustainable management of Aboriginal lands. The report from the SAMLISA project will provide much needed public information about these things."

A key outcome from the workshop was the identification of objectives for 'on-the-ground' works. These included the preservation of cultural practices, revegetation and restoration of damaged lands, and protection of 'untouched' scrub and cultural sites from weeds, feral animals, livestock and unmanaged public access.

"Some important issues were discussed at the workshop. Sustainable agricultural and aquacultural practices were high on the priority list along with management of ecotourism, biodiversity conservation and management of culturally important species," Dr Davies added.

"However there are also critical resources which are required to support these on-ground works. These



L to R: Frank Young, Director of Anangu Pitjantjatjara Land Management; Dr Jocelyn Davies, University of Adelaide; SAMLISA Project Leader Joe Lennon, a committee member of Tjaliri Aboriginal Corporation which owns Mabel Creek Station near Coober Pedy.

include training, employment and professional development, information resource centres at community and state level, community and regionally based land management coordinators and facilitators and ongoing support for research, planning and implementation.

"There is high public benefit from Government funding which supports the active involvement of Aboriginal people in management of their own land. As well as improving the natural environment, it supports the retention of traditional knowledge, which is a key resource for sustainable development. It also contributes to Aboriginal employment, reducing

government expenditure in unemployment payments, and can help to improve Aboriginal health."

The SAMLISA project will produce a final report by the end of 1999 following further consultation with Aboriginal people and government agency staff and analysis of reports, plans and maps relevant to management of Aboriginal lands.

—Elizabeth Burns

For more information contact: Dr Jocelyn Davies at the University of Adelaide on (08) 8303 7889; Derek Walker and Peter Talbot-Male, Aboriginal Lands Trust on (08) 8226 4439.

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UPCOMING INAUGURAL LECTURES

- Friday 4 June**
Professor Chris Mortensen (Philosophy): "The Theory of Inconsistency".
- Friday 11 June**
Professor Ross Milbourne (Deputy Vice-Chancellor Research): "Engines for Economic Growth".

Lecture Theatre 102, Napier Building at 1.15pm.

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Elder series a compelling experience for concert-goers

The 1999 Elder Conservatorium Concert Series gets under way on Saturday 12 June when Nicholas Braithwaite conducts the grand opening concert of "Great Symphonies".

The concert is the first of three featuring the Elder Conservatorium Symphony Orchestra, with Mozart's Symphony No 40 in G minor and the stirring Symphony No 1 by Sibelius the masterpieces to be performed.

On Saturday 7 August Conservatorium graduate Timothy Sexton, well-known for his work with State Opera and in music theatre, will conduct soloists from the Elder Conservatorium Vocal School and the Pro Canto Choir in an evening of music for "Stage and Screen".

"All Jazz" on Thursday 16 September features an explosive jazz combination—the acclaimed vocal jazz ensemble, The Adelaide Connection, directed by Connaitre Miller, and the University of Adelaide Big Band directed by Hal Hall, making a rare appearance together on the same concert stage. Master of Ceremonies for this night of swing is Australia's leading jazz broadcaster, Jim McLeod from ABC Classic FM.

On 30 September the University of Adelaide Quartet-in-Residence, the Australian String Quartet, will present a



The Australian String Quartet—to present fourth concert in series.

stimulating survey in miniature of the development of the string quartet form, with works by Haydn, Dvorak and Britten.

Saturday 16 October sees the award-winning Elder Conservatorium Wind Ensemble under the direction of Robert Hower in an eclectic program of "Contemporary Classics", ranging from work by Percy Grainger to the 70s rock icon, Frank Zappa.

For the finale on 6 November, Nicholas Milton returns to the Conservatorium as Conductor-in-Residence for Shostakovich's moving Fifth Symphony.

Tickets and value subscription

packages are available now at BASS.

Alumni Special Offer

Members of the Alumni Association may purchase subscription packages for the Elder Hall Concert Series for concession prices.

Any six concerts: \$66 (\$96 full price); any four concerts: \$48 (\$68 full price); any two concerts: \$26 (\$36 full price)

Members should show their Alumni Membership Card at BASS when purchasing their concert package.



THE UNIVERSITY
OF ADELAIDE

THE JOSEPH FISHER LECTURE

will be given in

Lecture Room 102, First Floor
Napier Building, North Terrace

by

Professor Mark Gersovitz

Professor of Economics,
The Johns Hopkins University

Thursday, 3 June 1999

5.30 - 6.30 pm

*Human Behaviour and the
Transmission of Infectious
Disease: An Economist's
Perspective*

Professor Gersovitz is a distinguished economist recognised especially for his analysis of sovereign debt issues and for his work on economic development. He has travelled professionally to many African and Asian countries and has done projects for the Asian Development Bank, the UNDE, USAID and the World Bank among other organisations. His work on international capital mobility is widely cited and provided a basis for understanding the Debt Crisis of the mid-1980s. He has co-authored a study on AIDS and surveys of sexual behaviour recently published in the *Journal of American Statistical Association* and is continuing this research interest in infectious diseases and economics as well as working on rural transport, taxation and business legal structures in poor countries.

Enquiries 8303 5528

Whale fossil find

A RARE DISCOVERY of a 16-million-year-old whale fossil has been made by University of Adelaide student Brett Thomas.

Mr Thomas, an Honours student with the Department of Geology & Geophysics, made the unique find at the town of Morgan in South Australia's Riverland.

Four fossil vertebrae of a whale can be seen jutting out of a limestone cliff at a park right in the centre of town.

Researchers believe the whale was probably beached about 16 million years ago, when the area was part of the coastline of an ancient sea.

Mr Thomas's discovery was made with his two supervisors, Dr Yvonne Bone from the Department of Geology & Geophysics and Dr Jonathan Clark from the CRC for Landscape Evolution & Mineral Exploration, Canberra.

Further research of the whale fossil is to be undertaken by the University of Adelaide and the SA Museum, in conjunction with the Mid-Murray Council and the people of Morgan.



Mr Gerald Buttfield from Geology & Geophysics inspects the whale vertebrae fossils.

Parkinson's research

PSYCHOLOGY researchers are conducting a new study of the emotional and personality changes that occur as a result of Parkinson's Disease.

Parkinson's Disease is a degenerative neurological disorder which affects about one in every 100 people over the age of 50.

It can cause a wide range of physical and psychological symptoms that can result in a great deal of distress, not only for sufferers but also for their families and caregivers.

Very little is known about the emotional and personality changes that occur with Parkinson's Disease, but according to Dr Jane Mathias from the University of Adelaide's Department of Psychology, "many families and caregivers often

comment that these changes in personality and emotional functioning are one of the most distressing aspects of the disorder".

Dr Mathias is conducting a study to learn more about these changes so that clinicians will be better able to understand and treat them.

"Those who participate in the research are asked to complete a brief assessment which is designed to tap into different aspects of emotional and cognitive functioning," Dr Mathias said.

Both people with Parkinson's Disease and healthy people of a similar age will be assessed in order to compare the emotional functioning of each group.

The research project is due to be completed by the end of this year.

Recruitment review

THE UNIVERSITY OF ADELAIDE has completed a review of its Recruitment and Career Development Strategy for Aboriginal and Torres Strait Islander people.

The strategy—introduced four years ago to enhance indigenous people's access to full-time permanent jobs—has set a goal of 1.5% indigenous employment at the university by April 2000.

As a result of the review, the university has decided that traineeships/apprenticeships and academic positions should be the priority recruitment areas for the remainder of the strategy.

This has been agreed as part of a variation of contract negotiated with the Department of Employment, Workplace Relations and Small Business.

Achieving the indigenous employment target will require the cooperation and assistance of all sectors of the university. Funding available under the strategy includes wage subsidies, career development and mentoring fees. All employment opportunities and enquiries about the benefits of using the strategy should be referred to Victor Rigney, Human Resources, tel 8303 5891.

Medical Research Week

MEDICAL RESEARCH FUNDING is one of the main issues being discussed during this year's Medical Research Week (31 May - 4 June).

The week of events, organised by the Australian Society for Medical Research (ASMR), has the theme "The Renaissance of Australian Medical Research".

This follows the recent renaissance of medical research in the United States, which has seen significant government increases in research funding.

The South Australian Minister for Human Services, the Hon. Dean Brown, will officially open the ASMR Medical Research Week at the Radisson Playford in Adelaide on Tuesday, 1 June.

Also present at the opening will be Professor Ralph Bradshaw from the University of California. Professor Bradshaw has been intimately involved in the recent US renaissance in medical research.

Professor Bradshaw will give the keynote address at the ASMR Medical Research Week Dinner at the Radisson Playford, where he will share his concerns about the state of medical research funding in Australia.

The dinner will be attended by representatives from Australia's major political parties as well as a diverse group of Adelaide clinicians and research scientists.

As part of Medical Research Week's Scientific Meeting, Professor Rob Sutherland from the Garvan Medical Institute, Sydney, will discuss current theories of cell cycle progression and its implications for the treatment of cancer. Other presentations from Adelaide researchers include "The effect of cocaine-like drugs during pregnancy on brain development in offspring" and "Inflammation in arthritic joints".

A further highlight of Medical Research Week is a Schools' Career Day at The Investigator Science Centre. The day, which is aimed at informing Year 12 science students of their career options in science, will include displays from Adelaide and Flinders universities and the University of South Australia.

For more information about Medical Research Week contact Sarah Hudson, Tel (08) 8303 4100 or Email <shudson@medicine.adelaide.edu.au>.

Linking disease and economics

A DISTINGUISHED North American economist with a specialist interest in the economic aspects of infectious diseases will deliver the 47th Joseph Fisher Memorial Lecture at The University of Adelaide on 3 June.

The lecture—Human Behaviour and the Transmission of Infectious Disease: An Economist's Perspective—will be given by Professor Mark Gersovitz (Johns Hopkins University) at Lecture Room 102, 1st Floor, Napier Building, from 5.30-6.30pm.

Professor Gersovitz is recognised internationally as a leading authority on the economies of developing countries.

He has travelled professionally to many Asian and African countries and undertaken projects for the Asian Development Bank, the World Bank and other major financial institutions.

During the 1990s his primary interest has been in the economic aspects of infectious diseases, with particular reference to the AIDS epidemic.

His lecture will focus on the part that is played by economic conditions in the spread of infectious diseases, examining the relationship between health, public policy and economics.

As well as delivering the Fisher Lecture, Professor Gersovitz will conduct a staff seminar in the School of Economics on 4 June.

He will also address undergraduate international finance students on the subject of sovereign debt.

—John Drislane

Award winning novelist joins writing program

THE UNIVERSITY OF ADELAIDE'S creative writing program has received a major boost with the appointment of award-winning novelist Eva Sallis as Lecturer in English and Creative Writing.

Dr Sallis, currently a Visiting Research Fellow in the Department of English, was recently named winner of the 1999 Nita May Dobbie award for a first novel by a woman. Her novel *Hiam*—the tale of a traumatised Arab woman driving from Adelaide to Darwin—previously won The Australian/Vogel Literary Award for unpublished fiction in 1997.

Dr Sallis will assist Professor Tom Shapcott who has run the creative writing program since its establishment three years ago.

"I look on the appointment as an opportunity to do everything I really like doing," Dr Sallis said.

"It will enable me to pursue my twin interests of academic work and creative writing and to work with creative and analytical students."

Dr Sallis graduated from the University of Adelaide with a Bachelor of Arts (Honours) in 1987 and went on to complete her Masters and PhD at the University, specialising in comparative literature (Arabic and English). She wrote *Hiam* while completing her PhD thesis.

Her other published work includes a book of literary criticism, *Sheherazade through the Looking Glass: the Metamorphosis of the 1001 Nights* (forthcoming June 1999, published by Curzon, UK); and a number of short stories, academic and literary articles, and reviews.

—John Drislane



Dr Eva Sallis

ANNUAL GENERAL MEETING Change of Arrangements

The Alumni Association will hold its 1999 Annual General Meeting on Thursday 24 June in Napier Lecture Theatre 102.

Members are advised that the time of the meeting has been amended. The meeting will now commence at 6.00pm rather than 7.30pm as previously advised.

Following the meeting, members will be invited to stay for refreshments, and those who would like to join the Chair at dinner afterwards are invited to do so.

To assist with arrangements, members intending to go to dinner are asked to advise the Alumni Office, 8303 5800.

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For further information, phone (08) 8303 4828.

International Student Support Service - 'Dedicated to Internationalisation' - Level 6, Old Classics Wing via Wills Building, The University of Adelaide, tel: 8303 4828, fax: 8303 4352, email: <baldeep.kaur@adelaide.edu.au>

'Powerful Writing' course

THE DEPARTMENT OF ENGLISH is offering a four-week practical course for people wanting to improve their writing skills.

"Powerful Writing", convened by Dr Tom Burton, Reader in English, is aimed at anyone whose employment requires competence in written communication. Topics covered will include fixing grammatical errors, correct punctuation, editing, structured submissions and reports, Plain English, bloopers and super bloopers.

The course is being run in conjunction with the South Australian Public Administration Industry Training Advisory Body. It will consist of four two-hour sessions (5-7pm) on consecutive Tuesday evenings—27 July, 3 August, 10 August & 17 August. Cost is \$150.

For more details, contact the Department of English, tel. 8303 5130, fax 8303 4341, email <philip.butters@adelaide.edu.au>.

MALAYSIA GRADUATION 1999



Trying it on for size: the robing room



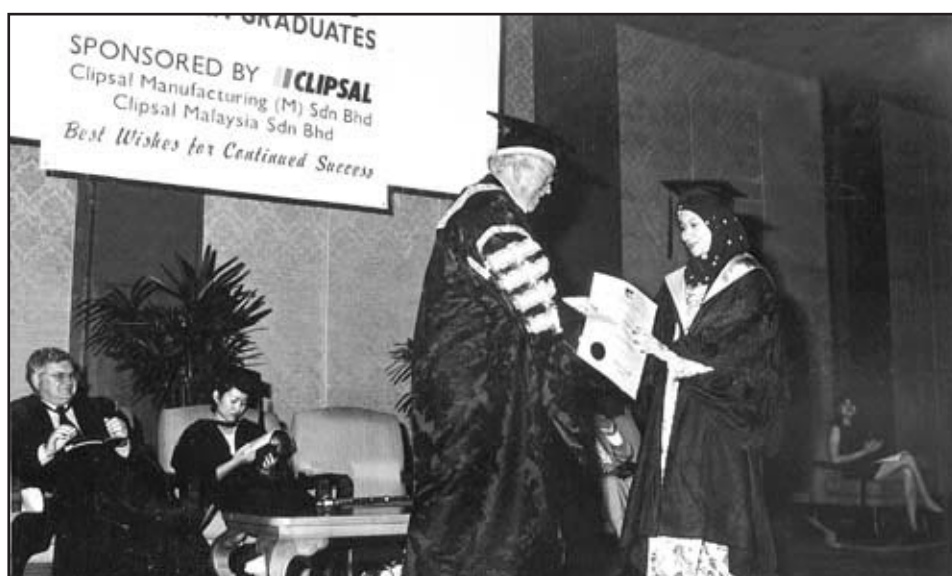
A family group before the ceremony



Adjusting the Chief Minister's hood as the academic procession forms



Guest speaker Professor Syed Jalaludin



Dentistry graduate Yeti Rosalina Muslim Tandjung receives her parchment



Chair of Alumni Association Greg Crafter and Silver Jubilant Khaw Eng Hock (BE 1970)



The graduates, Silver Jubilants and stage party gathered for the official photograph



Relaxing at the High Tea after the ceremony. All photographs: Charlie's Photography, Klang.

Advertisement

Double the excitement for twins

From Page 1

"We've always been very supportive of each other, and we spent a lot of time together, studying and working on assignments. If one of us missed something important, the other would pick up on it. I think in our case the saying is true that 'two heads are better than one'."

The graduation celebration in Kuala Lumpur, which was attended by a large contingent of staff from both S-I-T and the University's School of Commerce, was the 'icing on the cake' as far as the twins were concerned.

"It is a wonderful experience because we get to share this moment with our lecturers, our friends and families. It is very special to us," they said.

Meanwhile, the KL graduation celebration was special for another

reason—it was the first to be conducted under a generous five-year joint sponsorship by Clipsal Manufacturing (M) Sdn Bhd and Clipsal Malaysia Sdn Bhd.

Representatives from both companies were in attendance, as were a number of very special VIPs including His Excellency Mr Robert Cotton, Australian High Commissioner to Malaysia, and the Chief Minister of Sarawak, YAB Datuk Patinggi Tan Sri (Dr) Haji Abdul Taib bin Mahmud and YAB Datuk Amar Puan Sri (Dr) Hajjah Laila Taib.

The Vice-Chancellor of Universiti Putra Malaysia, Professor Dato' Dr Syed Jalaludin Bin Syed Salim, gave the Occasional Address.

Elder Conservatorium honours graduate Lee Swan Tang was chosen for the honour of bearing the

University's ceremonial Mace at the ceremony.

The occasion also saw the presentation of special 25 year silver jubilee certificates by the new Chair of the Alumni Association, the Hon. Greg Crafter.

Recipients were Chai Hon-Chan, Khaw Eng Hock, Tan Kheng Seng, Yam Seng Lam and Abdullah bin Sipat.

The graduation celebration was preceded by the annual Graduation Dinner, organised and sponsored by the Adelaide Uni Alumni (Malaysia) Bhd and held at the Royal Selangor Golf Club.

The patron of the Association, the Chief Minister of Sarawak, and University of Adelaide Vice-Chancellor Professor Mary O'Kane were guest speakers at the dinner.

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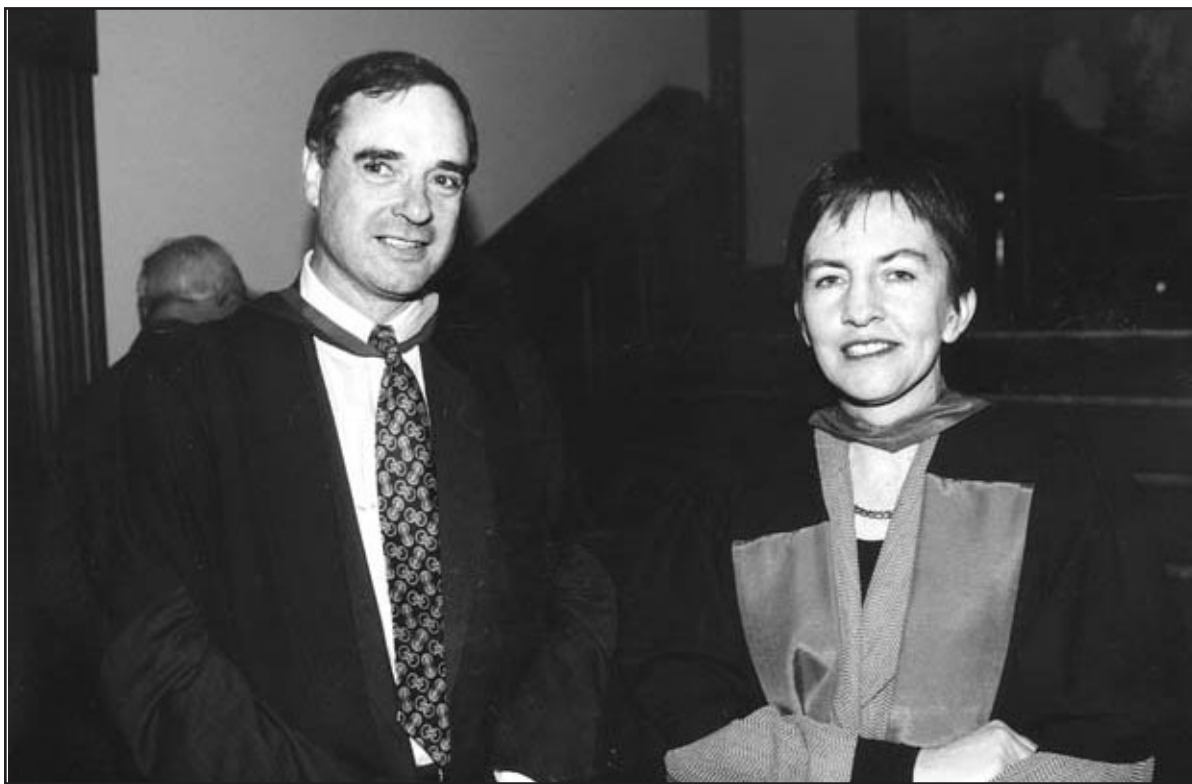
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The Vice Chancellor, Professor Mary O'Kane, delivered the 1999 AW Jones Lecture, at Elder Hall earlier this month. The lecture is organised by the SA Chapter of the Australian College of Education to honour the distinguished career of Dr Alby Jones, former Director-General of Education in SA.

Pictured with Professor O'Kane is Mr Gerry White, President of the SA Chapter of the Australian College of Education. Mr White is also Chief Executive Officer of Education Au, the company responsible to federal and state Ministers of Education and Training for managing Education Network Australia (EdNA).

ACCOMMODATION

AUBURN: 100kms from Adelaide. Do you need time out to write a thesis or your next novel? Delightful 2-3 bedroom home in isolated rural setting available June - August. \$150 pw. Ph 8362 5447 or 8303 5129.

CHARACTER COTTAGE: Recently renovated for short or long term lease. 2 br, lounge & dining, new kitchen & bathroom with garden. Furnished. \$230 pw. Avail. from 5 July. Ph 0419804440

PARKSIDE: Lovely villa with garden, 2 large br, including ensuite, 4km from city, to share with professional woman. \$120 p.w Ph 0411 874 856 or email <drowley@medicine.adelaide.edu.au>.

ROYSTON PARK: Comfortable 3 bedroom house available close to city from 12 June - 14 August. Low rent because of two cats to feed! \$200 per week. Ph

8362 5447 or 8303 5129.

SEACLIFF: House for rent. 3 br, 5 mins walk from beach & amenities, transport to city & Flinders, fully furn., non-smoking, no pets. Avail from 2 Aug 99 - 5 Jan 2000. \$185 pw, 4 weeks bond. Ph Sharyn 8377 0895(h), 8201 2122(w).

SWITZERLAND: Furnished flat 4 km from Interlake, on Lake with view of Alps, 2 bedrooms, large lounge, can sleep up to 6. Available for 1 week or more. Ph Liliane 8362 4243.

WANTED: 1-2 bedroom furnished unit close to University for visiting Professor, around October 1999 to March 2000. Ph 83037269 or email <ajohnsen@waite.adelaide.edu.au>

WANTED: 3 or 4 br. fully furnished house required by visiting Academic and family arriving 3 August 1999 for 12 months. Prefer close to schools east or south suburbs. Ph Dinah Ayers 8303 5475.

ADELAIDEAN CLASSIFIED

WANTED: Senior academic couple from the UK require furnished house or apartment, with off street parking, preferably between CBD and Flinders University, for 6 months from the beginning of July until the end of December 1999. Ph Dr GP Findlay on 8201 2450 (work) or 8276 8652 (home)

WANTED: Family of 3 seeks house sitting arrangement in Adelaide area 6mth-1yr. Moving to Adelaide from US for Orthopaedic Surgery fellowship 8/1/99. Email woolley@salus.med.uvm.edu, fax: 0115-1-802-656-4247

WANTED: Visiting academic seeks furnished house suitable for family of 4 from 1 Dec 99 to 15 Apr 00 (neg). Prefer cycling distance to Waite Campus. Ph. Peter Dry 8303 7374 or Tony Wolf

(USA) 1-540-436-3385 or <vitis@vt.edu>.

WEST BEACH: Townhouse on esplanade, fully furn & self-contained, 2 br, study. Avail now. Ph Anne 8400 8178 or 8377 0936.

FOR SALE

FORD FALCON: XF 1985, VRB 458, auto, gas, economical, v.good, \$ 2950 ono. Ph 8332 3863(ah) 8302 2368 (w)

MISC: TV, VCR, Double mattress, vacuum cleaner, pram, IBM 486, nail drier, bic, and more. Ph 83384152.

PEUGEOT 505: 1985 eight seater wagon, power steering, central locking, aircon, FZU391, 12 months SA rego included, exc cond, \$8990, Ph Jill 8303 7298 or 8272 1068.

TOYOTA CORONA: Sedan,

1985, white, manual, radio/cassette, very reliable car VWB-101 \$3,000 ono. Ph: 8303 5157 (w) or 8443 3034 (h), or email: <dzheng@medicine.adelaide.edu.au>.

TRIUMPH: 2500S manual with o/drive. V. good condition. Classy car - UEP 849. \$1800. Ph 8327 0761

TENDER

The Department of Rural Services operates a Holstein-Friesian dairy herd at the Roseworthy campus. Approximately 140 cows are milked twice per day throughout the year. The dairy is a valuable teaching resource and provides an integral component of training and education for students studying at Roseworthy. Students are involved in all aspects of the dairy from assisting with dairy operations to appraising the enterprise, providing management advice and

appraising the business elements.

The Department is currently calling tenders for the feeding and milking of these cows and reiterating that the core business includes teaching use and student involvement

Tender documents are available from the Director, Department of Rural Services, Roseworthy Campus, University of Adelaide, Roseworthy, 5371.

Tenders must detail the manner in which the operations will be carried out, the acceptability of production goals, the staff to be utilised and their experience and the tender price. Tenders are to be placed in a sealed envelope addressed to the Director, Rural Services, and marked confidential, dairy tender.

Tenders close Friday 18 June at 5.00 pm The University reserves the right not to accept any tender or the lowest tender.

MONDAY 31 MAY

12noon Plant Science Seminar: Alleleopathy - Keeping the Greenies at bay by Associate Professor Dr Max Tate (Plant Science). Charles Hawker Conference Centre, Waite.

1.10pm Law Seminar Series: The Business of Migration: Organised Crime and Illegal Migration in Australia and the Asia-Pacific Region by Andreas Schloenhardt. Room 216, Ligertwood.

1.10pm History Staff/Post-graduate Seminar: The Nobel Quadruped: historians should not forget the horse by Dr Roger Hainsworth (History). Common Room 420, 4th Floor, Napier Building.

1.10pm Geographical & Environmental Studies Seminar: Population geography: prospects and challenges by Professor Graeme Hugo. Room 104, Environmental Studies Bldg.

2.00pm English Seminar: The Turn of the Shrew: Domestic surveillance and the toxic nanny in the movies by Joy McEntee. Room 618, Napier.

4.00pm Applied & Molecular Ecology Seminar: Germination stimulants for parasitic weed - Are they involved in host recognition? by Dr Koichi Yoneyama (University of Utsunomiya, Japan). Charles Hawker Conference Centre, Waite Campus.

6.00pm Centre for Intercultural Studies & Multicultural Education Seminar: Refugees from Laos: The Case of Cultural Adaptation of the Hmong People in Australia by Dr Maria Wronska-Friend (James Cook University). Council Room, 7th Floor, Hughes Bldg. Refreshments 5.30pm.

TUESDAY 1 JUNE

1.10pm Anatomical Sciences Seminar: Human Growth Curve Fitting by Professor GA Harrison (Founder of the Institute of Biological Anthropology, University of Oxford). Room S127, Medical School South.

WEDNESDAY 2 JUNE

10.10am Electrical & Electronic Engineering Seminar: Developments in Electrical Machines and Drives by Dr Wen Soong. Rm S112, Engineering Sth.

1.00pm Friends of the State Library of SA Talk: Elizabeth Silsbury OAM (Visiting Scholar / Advertiser Music Critic). Institute Building, cnr Kintore Avenue (entrance) & North Tce.

1.10pm Genetics Seminar: A cytological attempt to characterise the function of Histone H3 phosphorylation during mitosis and meiosis of plant chromosomes by Dr Andreas Houben. Seminar Room, Ground Floor, Fisher.

1.10pm Horticulture, Viticulture & Oenology Seminar: Development of ornamental Eucalyptus by Ms Kate Delaporte. Plant Research Centre Auditorium, Waite Campus.

1.10pm Student Workshop: Managing Exam Stress by Sue Barnard. Counselling Centre, Horace Lamb.

1.10pm Geology & Geophysics Seminar: Marine Geoscience in the Next Millenium by Dr Yvonne Bone (Geology & Geophysics). Mawson Lecture Theatre, Mawson Laboratories.

COMING EVENTS

May 31st — June 11th

4.00pm Physiology Seminar: Expression, function and modulation of neuronal nicotinic receptors in mammalian autonomic ganglia by Prof D Adams (University of Queensland). Room N416-417, Medical School North. Sponsored by Powerlab/AD Instruments. Refreshments provided.

4.30pm Environmental Biology Seminar: Improvement of ornamental Eucalypts by Ms Kate Delaporte (HVO). The life history of the Giant Cuttlefish by Ms Karina Hall. Benham Lecture Theatre, Ground Flr, Benham Building.

5.00pm Psychiatry Scientific Meeting: Glucocorticoid Sensitivity in Health and Disease by Christopher Barton. Library, 5th Floor, S & T Building, RAH.

6.30pm Anatomical Sciences Special Seminar: The Anthropology of Well Being by Professor GA Harrison (Founder, Institute of Biological Anthropology, University of Oxford). Florey Lecture Theatre, Medical School.

THURSDAY 3 JUNE

12noon HCCR/IMVS Seminar: Regulation of ribosome gene transcription during growth and quiescence by the nucleolar specific transcription factor UBF by Dr Ross Hannan (Baker Medical Research Institute, Melbourne). Verco Theatre, IMVS.

12.30pm Academic Women's Forum: Empowerment of Staff in Modern Universities by Professor Mary O'Kane (Vice-Chancellor). Ira Raymond Room, Barr Smith Library. Refreshments served. RSVP: <Nalini.Joshi@adelaide.edu.au>.

12.30pm Psychology Seminar: Quality of life in a supported environment by Ms J Honnor. Rm 527, Hughes.

1.10pm Student Workshop: Manging Exam Stress by Sue Barnard. Discussion Room 1, Charles Hawker Conference Centre, Waite Campus. Bookings essential, tel: 8303 5663.

5.30pm The Joseph Fisher Lecture: Human Behaviour and the Transmission of Infectious Disease: An Economist's Perspective by Prof Mark Gersovitz (Johns Hopkins University). Lecture Room 102, Napier Building.

FRIDAY 4 JUNE

12.45pm Dentistry Seminar: Distraction osteogenesis by Dr Bob Jones. Lecture Theatre 1, 6th Floor, Adelaide Dental Hospital.

1.10pm Elder Conservatorium Lunch Hour Concert: Elder Conservatorium Wind Ensemble. Robert Hower - Conductor. Works by Cichy, Grainger & Wagner. Elder Hall. \$2.

1.15pm Inaugural Lecture Series: The Theory of Inconsistency by Prof Chris Mortensen (Philosophy). Lecture Theatre 102, Napier Building.

4.00pm Economics Seminar: The Economical Control of Infectious Diseases by Prof Mark Gersovitz (Johns Hopkins University). LG14, Napier.

SUNDAY 6 JUNE

10.00am Volunteers Needed for Mt Lofty Ranges Southern Emu-wren Recovery Program: Habitat restoration work/swamp planting day. Trees for Life and the Ceccato family (property owners) will provide plants. Private property, Tooperang (near Mt Compass). Tel: Eva Squire 8223 5155.

MONDAY 7 JUNE

12noon Plant Science Seminars: Faba bean in the Mediterranean climate of southern Australia: response to water and temperature stress by Shambhu Bhat; Development of copper efficient wheats with economic quality by Richard Leach (PhD students). PS Seminar Room, Waite Campus.

1.00pm Microbiology & Immunology Seminar: Characterisation of O-antigen biosynthesis in *Shigella flexneri* by Mr Craig Daniels (Microbiology & Immunology). Departmental Library, 5th Floor, Medical School Sth.

1.10pm Geographical & Environmental Studies Seminar: The coming anarchy: the collapse of civilisation and the coming of hell on earth by Dr J Smith (Geographical & Environmental Studies). Room 104, Environmental Studies Building.

1.10pm Law Seminar: Intention and agency by Professor Grant Gillett (Bioethics, University of Otago). Room 216, Ligertwood Building.

4.00pm Applied & Molecular Ecology PhD Final Seminar: Biological control of crown gall disease in grapevine nurseries by Alexandra Keegan. Charles Hawker Conference Centre, Waite Campus.

TUESDAY 8 JUNE

12.30pm General Practice Seminar: Premenstrual syndrome - Carbohydrate cravings or just increased appetite? by Giordana Cross. Room 27, Level 2, Eleanor Harrauld Building, RAH. Bring your lunch.

1.10pm Anatomical Sciences PhD Thesis Proposal: Detection and Recovery of Skeletal Remains in the Australian Environment by Kathryn Powell (Anatomical Sciences). Room S127, Medical School South.

3.15pm Anthropology Seminar: The Development of Models and Methods for Indigenous Heritage Protection by Local Government Councils: A case from Port Adelaide-Enfield by Deane Fergie and the Luminis Indigenous Heritage Consultants. Rm 722, Level 7, Napier.

7.30pm Musicological Society of Australia / Elder Conservatorium School of Performing Arts: Jazz and the Eureka Youth League: An Uneasy Alliance by Dr Craig De Wilde. Room 1116, Schulz Building. Refreshments provided - gold coin donation please.

WEDNESDAY 9 JUNE

10.10am Electrical & Electronic Engineering Seminar: Paradoxes in Noise Problems by Dr B Davis. Room S112, Engineering Sth.

1.10pm Genetics Seminar: Title to be advised, by Dr Caroline McMillen. Seminar Room, Ground Floor, Fisher Building.

1.10pm Geology & Geophysics Seminar: The Quarternary Evolution of Streaky Bay by Ric Daniel (PhD student); Anamalous Dolines in the Calcarenes of Western Eyre Peninsula by Dr Jennie Bourne (Visiting Research Fellow). Mawson Lecture Theatre, Mawson Labs.

4.00pm Physiology Seminar: The cause of neuronal pathology in Alzheimer's disease by Dr James Vickers (Uni of Tasmania). Rm N416-417, Med School Nth. Sponsored by Powerlab/AD Instruments. Refreshments provided.

4.30pm Environmental Biology Seminar: Viral infection of farmed barramundi by Dr Andrew Donnelly (Genetics). Benham Lecture Theatre, Ground Floor, Benham Building.

7.30pm Public Lecture: Environmental Research Resolves a Conflict: Ecological Modelling for Saving Threatened Species by Prof Hugh Possingham (1999 Eureka Prize Winner). Rennie Lecture Theatre. RSVP 8303 7263. See page 4 of bulletinboard.

THURSDAY 10 JUNE

12noon HCCR/IMVS Seminar: Chemokines in inflammation by Dr Shaun McColl (Microbiology & Immunology). Verco Theatre, IMVS.

12.05pm Psychology Seminar: Do not resuscitate decisions: Discourse analysis of cancer patients by Ms Jaklin Elliott. Room 527, Level 5, Hughes.

7.45pm Field Geology Club Lecture: Fossils of the Naracoorte Cave by Dr Rod Wells. Mawson Lecture Theatre, Mawson Laboratories.

FRIDAY 11 JUNE

12.45pm Dentistry Seminar: Self-assessment by Drs Robert Hirsch, Gerry Mullins & John Wetherell. L/Theatre 1, 6th Flr, Adelaide Dental Hospital.

1.10pm Asian Studies Seminar: Contemporary Chinese Fiction by Songping Jin (Asian Studies). Room 518, Ligertwood.

1.10pm Elder Conservatorium Lunch Hour Concert: Tessa Miller - Soprano, Louise Dellit - Flute, Semyon Kobets - Violin, Jonathan Webb - Cello, Lucinda Collins - Piano. Elder Hall. Admission \$2.

1.15pm Inaugural Lecture Series: Engines for Economic Growth by Professor Ross Milbourne (Deputy Vice-Chancellor [Research]). Lecture Theatre 102, Napier Building.

4.00pm Economics Seminar: Decomposing the Output Gap: An Index Number Approach by Dr Kevin Fox (University of NSW). LG14, Napier.

4.00pm Obstetrics & Gynaecology Seminar: Molecular genetics of epilepsy by Assoc Prof John Mullay (Cytogenetics & Molecular Genetics, WCH). Seminar Room, 6th Floor, Medical School Nth.

SITUATIONS
VACANT

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

DIRECTOR, EXECUTIVE SERVICES
(Ref: 4787)

As a result of the consolidation of the University's central management structures, a new position of Director, Executive Services, has been created within the Office of the Vice-Chancellor. Applications are now called for this exciting new position. The successful person will lead a busy team that provides high level policy, planning executive support, secretariat and legal counsel services.

You should have:

- high-level management and business skills, in particular in providing high level executive services in a large organisation;
- high-level strategic skills;
- a results orientation;
- excellent communication, representation, negotiation and interpersonal skills;
- demonstrated ability to lead a team, communicate an organisational vision, generate loyalty and enthusiasm in the workplace, and manage individuals and a team's performance;
- high-level conceptual and analytical skills;
- personal characteristics of honesty, integrity, probity and adaptability;
- demonstrated capacity to plan, develop and coordinate the provision of written and oral advice on strategic policy and planning issues; and
- demonstrated ability to implement University strategic goals with sensitivity to the organisational culture and within pre-determined time-frames.

This continuing position is available immediately. Further information including the duty statement and selection criteria can be obtained from Carol Greenwood, Office of the Vice-Chancellor, tel: 8303 5201.

*APPLICATIONS, to the General Manager, Human Resources, The University of Adelaide, Australia 5005, no later than 11 June 1999.

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

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

LECTURER B IN ECONOMIC GEOLOGY
(Ref: 1678) (Tenurable)

Dept of Geology & Geophysics
Salary: \$48,435 - \$57,518

An exciting opportunity exists for a dynamic economic geologist to join the Department. We are seeking an outstanding individual to develop new teaching and research programs in the fields of ore deposits and exploration geoscience.

The Department is one of the leading geoscience departments in Australia with a proud tradition of education and research in economic geology. We also have strong teaching and research programs in geochemistry and isotope geology, structural geology and tectonics, exploration geophysics, stratigraphy and palaeontology, sedimentology and marine geology, and geodynamics.

There are currently 11 academic, 10 postdoctoral and 10 technical/general staff positions within the Department. The Faculty of Science is home also to the National Centre for Petroleum Geology & Geophysics which is involved in collaborative teaching and research arrangements with the Department.

The successful candidate will have a PhD or equivalent in geoscience, and a research interest and publication record in one or more areas of ore deposit geology. While assuming a key role within the specialised area of economic geology, the appointee will also teach basic geology courses (including fieldwork). He or she will develop links with the exploration and mining industry and will also have the opportunity to engage in professional activity outside the University.

The successful candidate will have access to excellent analytical and computing facilities (including stable isotope and radiogenic mass spectrometers, and XRD, XRF and

electron microscopy equipment) at the University. The Department is a member of the Co-operative Research Centre for Landscape Evolution and Mineral Exploration and interacts closely with government and industry, providing opportunity for collaborative activity.

The position is available from 1 November 1999. Academic staff are entitled to undertake a limited amount of outside consultancy work. Further details from Prof Stewart Greenhalgh, Head of Department, tel: 8303 4960, fax: 8303 4347, or email: <sgreenhalgh@geology.adelaide.edu.au>.

Requests for general information should be addressed to the Departmental Manager, Gerald Buttfeld, tel: 8303 5844, email: <gbuttfeld@geology.adelaide.edu.au> or visit the web site <http://www.geology.adelaide.edu.au>.

*APPLICATIONS to the General Manager, Human Resources, University of Adelaide, Australia 5005, by 28 June 1999.

INFORMATION TECHNOLOGY MANAGER
(Ref: 4783)

The Faculty of Humanities and Social Sciences

Salary HEO8: \$48,105 - \$54,119

As the largest Faculty in the University with approximately 3,500 students and 160 academic staff, the users and needs of Information Technology encompass a highly diverse and expanding range, including an integrated network of Macintosh, Windows NT workstations, and NetPCs; high performance Unix and Windows NT file servers; multi-media applications including video on demand; GIS and other teaching laboratories, and specialist language teaching facilities.

You should have:

- a relevant tertiary qualification
- demonstrated experience in web-site development
- ability to manage and develop a small unit, including the application of supervisor and budgeting skills
- demonstrated experience in supporting a range of network operating systems
- highly developed interpersonal, intercultural communication skills
- an appreciation of how IT can

facilitate better outcomes in teaching and research.

This continuing position is available immediately. The selection criteria and duty statement may be obtained from the Faculty of Humanities and Social Sciences Office, tel: 8303 5801. For further enquiries, tel: Professor Andrew Watson, Acting Executive Dean 8303 5186, email: <andrew.watson@adelaide.edu.au>.

*APPLICATIONS to the Acting Faculty Registrar, Mr R Ewers, Faculty of Humanities and Social Sciences, University of Adelaide, Australia 5005, by 8 June, 1999.

WILTO YERLO

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

Wilto Yerlo is the Teaching, Support and Access Centre for Aboriginal and Torres Strait Islander (ATSI) people studying at the University of Adelaide and we are seeking two suitably experienced and qualified people to fill the positions of Project Officer and Student Support Officer. Both positions are located at the North Terrace Campus.

PROJECT OFFICER
(Ref: 2279)

You should have:

- knowledge and understanding of ATSI culture and issues relating to tertiary education for ATSI people
- demonstrated ability to communicate effectively with a wide range of people, including ATSI people and the ability to confidently consult and liaise with all levels of management and staff within and outside the University
- demonstrated experience in coordinating programs and events, including experience in the supervision of support staff and the ability to cope with high volumes of work
- high level of computer literacy with demonstrated experience in the use of database and /or statistical computer packages.

STUDENT SUPPORT OFFICER
(Ref: 1166)

You should have:

- demonstrated ability to work cooperatively and productively with ATSI people
- demonstrated ability to develop strong networks with local ATSI communities
- knowledge of and a commitment to the principles of Social Justice, particularly as they affect Aboriginal and Torres Strait Islanders
- knowledge of the broad range of social issues likely to impact on ATSI students
- demonstrated ability to work effectively as a member of a team.

Both positions are available immediately on a 44.1 hours per fortnight basis.

Further details, including the Selection Criteria and Duty Statement from Tricia White, tel: 8303 3558.

ABORIGINAL AND TORRES STRAIT ISLANDER PEOPLE ARE PARTICULARLY ENCOURAGED TO APPLY.

*APPLICATIONS (four copies) to the Director, Wilto Yerlo, University of Adelaide, Australia 5005, by 2 June 1999.

LIBRARIAN (CATALOGUING)
(Ref: 4988)

Barr Smith Library

Salary HEO5/6: \$31,803 - \$41,959

To undertake routine cataloguing duties under the direction of the Bibliographic Services Librarian.

You should have:

- knowledge of cataloguing principles, including an understanding of AACR2, DDC & USMARC
- an understanding of the principles and practice of authority control
- familiarity with types of bibliographic records that may be found on the National Bibliographic Database
- experience with a local online cataloguing module
- a university degree and qualification in Librarianship.

Although some training is provided, this position is not suitable for new graduates without any cataloguing experience due to the limited term of the appointment.

The position is available immediately until December 1999.

Further details are available from Patricia Scott, tel: 8303 5373. The selection criteria and duty statement may be obtained from Toni Luppino, tel: 8303 5370.

*APPLICATIONS to the University Librarian, Barr Smith Library, University of Adelaide, Australia 5005, by 7 June 1999.

MINUTE SECRETARY
(Ref: 9878)

Office of the Vice-Chancellor

Salary HEO5: \$34,610 - \$38,619

To coordinate and manage support for the University's governing body and senior management advisory committee and other committees as required. Duties will include the development of agendas, drafting of papers, taking and preparation of minutes, and administrative organisation.

You should have:

- good interpersonal skills at all levels
- ability to translate concepts/principles into appropriate procedures
- excellent command of English language including competence in précis writing
- demonstrated proficiency in the use of IBM compatible computers with Microsoft Office software.

This replacement position is available until 31 May 2000.

Further details, including the Selection Criteria and Duty Statement from Rosalyn Chardon, tel: 8303 5780, fax 8303 4407 or email: <rosalyn.chardon@adelaide.edu.au>.

*APPLICATIONS to Ms Susan Graebner, Acting Director, Executive Services, Office of the Vice-Chancellor, University of Adelaide, Australia 5005, by 7 June 1999.

EMPLOYMENT INFORMATION

*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 statement may be obtained from the contact officer named in the advertisement.

NOTICE TO APPLICANTS: Applicants for all positions should retain the relevant reference number and watch the "Notice to Applicants" column in the *Adelaidean* for advice about the filling of the position.

NOTICE TO APPLICANTS: The University notifies applicants that the following vacancies for Higher Education Officers (HEO) with the reference numbers as stated have been filled and thanks them for their interest: 3945, HEO3,

Geology & Geophysics; 8925, HEO2, AMEB; 3991, HEO6, Faculty of PALACE; 3959, HEO2, Graduate School of Management; 2079, HEO5, Faculty of Humanities & Social Sciences; 3997, Research Assistant, Physiology; 3463, HEO4, Faculty of Humanities & Social Sciences.

HUMAN RESOURCES DEADLINES
FOR ADELAIDEAN

For the *Adelaidean* of 28 June, advertising paper work must be to Human Resources by 11 June.

For the *Adelaidean* of 12 July, advertising paper work must be to Human Resources by 25 June.

HR WEB PAGE for advertised positions:

<<http://www.adelaide.edu.au/HR/advpos.htm>>.

HUMAN RESOURCES OFFICER
(Ref: 9882)
Human Resources
Salary HEO4: \$30,736 - \$33,808
You will work as a member of the Human Resources Employee Services Team, that provides a range of human resources related services including recruitment and advice on employment conditions and practices. Duties include responding to client requests and inquiries, drafting routine correspondence and assisting other team members with a range of administrative tasks.
You should have:

- a demonstrated commitment to client focussed service delivery
- a demonstrated ability to work effectively as part of a team
- proficiency in the use of IBM compatible personal computers and Microsoft Office software
- the ability to communicate effectively with a wide range of clients.

Knowledge of Human Resource practices, including recruitment policies and procedures would be an advantage.
The position is available immediately to 30 June 2000, to replace an employee on leave. Further information about the position can be obtained from Kathie Hurst, Human Resources Manager, tel: 8303 4520. The selection criteria and duty statement may be obtained from Reception, tel: 8303 5666.
***APPLICATIONS**, to the General Manager, Human Resources, The University of Adelaide, Australia 5005, by 7 June 1999.

GENERAL

NOTICES

Revenue Office: Change of Hours

From 1 June 1999, the Revenue Office cashiers located on the 4th floor at 230 North Terrace will be available to receive payments from 9.00am - 4.00pm, Monday - Friday. The office was previously open until 5.00pm.
The earlier closing time will enable the cashiers to close off and prepare receipts for banking earlier.

DEBBIE CLARKE
Manager - Treasury

OH&S Unit - Farewell to Chris Miller

Chris Miller, Manager OH&S, will be leaving the University on 4 June to take up a position with CSIRO. The interim management arrangement for the OH&S Unit will see Tony Mitchell, Rehabilitation Coordinator, as Acting Manager, OH&S with Kathie Hurst, HR Manager, involved in overseeing the OH&S function within Human Resources and specifically supporting the OH&S Unit with development of strategic and operational plans. Tony, ext 34641 and Kathie, ext 34520.
Jane Knipe has recently joined the OH&S Unit on a half-time basis as OH&S Adviser to the end of the year. Jane will continue to provide

half-time support to the Faculty of Science as the Faculty Safety Compliance Officer, ext 34638 on Monday, Tuesday and Wednesday morning and in the Faculty of Science on 36123 on Wednesday afternoon, Thursday and Friday.
Kerrie Barrett and Donna Grinham will continue to provide support to the University's Occupational Health Services at Roseworthy and Waite respectively. Pina Cardone is the Workers' Compensation Officer and David Burford provides administrative support in the area of radiation safety.

A farewell for Chris will be held on Friday 4 June from 4-6pm in the Staff Development Centre, Level 2, 10 Pulteney St. RSVP by 2 June to Kerrie Barrett (35904) or email: <kerrie.barrett@adelaide.edu.au>.

STEVE DAYSH
General Manager, Human Resource

Special Event

Valmai Hankel PSM, well-known wine judge and Rare Books Librarian at the State Library, will present a special South Australian wine tasting at the Hilton Adelaide on 9 June, 6.00pm - 8.15pm. Presented by the SA Centre for Australian Studies. For tickets (\$25 members / \$35 non members) call Karen Gordon 8201 3200.



Business Enterprise Program 1999

Enterprise Education Group
Department of Mechanical Engineering

- **Focusing on new enterprise creation and management, entrepreneurship and innovation;**
- **Programs designed at professional and graduate level.**

A (free) seminar titled "How to Deliver Your IT&T Innovation to Market" will be held at the Thebarton campus of The University of Adelaide on Wednesday 2 June commencing at 9.30 am sharp and concluding at approx. 11.00 am. Open to anyone interested in this topic. Venue : building 16, lecture theatre.
The seminar will be given by Grant Warnes, Business Development Manager for the Playford Centre, which: "offers the resources to accelerate the growth of your IT&T business."
"Providing working capital and business guidance, Playford Centre assists ventures ranging from "seed" entities to well-established "growth" companies. South Australian innovators that have benefited from Playford assistance include warehouse software developer PULSE Logistics, website tools pioneer Maxamine International and documentation management software leader Practical Programs." (quote from Grant Warnes, seminar presenter.)
For more information on Playford Centre, please call (08) 8226 7395 or view its website at <www.playford.com.au>.
For further details regarding this seminar and our Business Enterprise programs (relevant to the new business starter & to those running their own enterprises) please contact Joanne Pimlott, Director, Enterprise Education Group on ph. 8303 3098; fax 8303 4844; Email: <jpimlott@il.adelaide.edu.au>.
The University of Adelaide Thebarton Campus, 35 - 37 Stirling Street, Thebarton SA 5031.

LUMINIS

SNAPSHOTS

Biotechnica 99

Luminis Pty Ltd on behalf of the Waite Institute Partners has been successful in obtaining funding to attend the Biotechnica Trade Show in Hanover, Germany, October 1999.
Biotechnica is Europe's leading Biotech Industry Trade Fair and attracts representatives from all key scientific and industrial sectors including:

- Chemical;
- Environmental management;
- Agriculture;
- Medical;
- Plant engineering and;
- Research Institutes.

Ernst and Young are currently managing an AusIndustry funded Networking Grant for Australian Institutes to attend and display at the Biotechnica Trade Show and subsequent networking visits to European based biotechnical companies. Mr Cecil will be representing Luminis, the University of Adelaide and the Waite Campus Partners at Biotechnica.
Typically Universities have strong collaborative scientific links with international R&D organisations and multinational companies. This strong link, however, is not always reflected into the commercialisation of the intellectual property generated. Both Biotechnica and the networking opportunity will provide the necessary contacts within the European biotechnology industry to greatly strengthen the ability of Luminis Pty Ltd to take University of Adelaide science through the commercialisation process into the business community.

Strategy for Aboriginal managed Lands in South Australia, Jocelyn Davies, Applied and Molecular Ecology

Dr Davies in conjunction with Ian Overton, Mapping and Beyond have been awarded a contract by The Aboriginal Lands Trust for the development of a spatial database of aboriginal freehold land and leasehold ownership and a draft report which identifies strategies, priorities and evaluation criteria for effective environmental management of Aboriginal lands in South Australia. For further details see separate story about land holders workshop in this *Adelaidean*.

Pilot Indigenous Heritage Survey, Deane Fergie, Anthropology and Rob Foster, History

Port Adelaide and Enfield Council have contracted the services of Dr Fergie and Dr Foster to carry out an indigenous heritage survey of their council area and present recommendations to the council in respect of:

- sites for listing in its plan under the Development Act 1993;
- sites for further research.

Phylloxera Awareness Project, Dr Larry Lockshin

Peter Fuller and Associates have contracted the services of Dr Lockshin to undertake a survey of the general public and wine industry representatives to determine the awareness of the pest Phylloxera and its potential to damage the South Australian grape industry.

GILBERT & SULLIVAN SOCIETY OF SA INC

Treasurer

The Gilbert and Sullivan Society of SA Inc wishes to locate a person who has the necessary time and skills to carry out the duties of its Treasurer.
Routine tasks include the collection and receipt of all Society monies, the payment of all accounts and the recording of all monetary transactions in a form that is meaningful to the Board members.
Accounting experience and a command of either computer spreadsheet operation or an accounting package is essential.
For further information to be sent out to you please direct your inquiry to the Secretary, Gilbert & Sullivan Society of S.A. Inc. Email: <pauline.olsson@unisa.edu.au> or telephone: (08) 8289 7292 (ah).

VINESCAPE MANAGEMENT SERVICES

Vinescape Management Services manages the Kayinga Vineyard at Langhome Creek, which is one of the largest single planted vineyards in Australia

Viticulturist

The Vicitulturist will report to and assist both the Vineyard Manger and the Viticultural Director.
Key Responsibilities:

- to provide constant technical information on all viticultural aspects of the company's operations
- to develop and implement the research program
- to provide some extension and training to Supervising staff.

You will therefore:

- be providing support for decision making in technical matters by management
- be developing and implementing an extensive vineyard monitoring program.

Qualifications
Tertiary qualifications in viticulture or a related discipline are necessary. Industry experience would also be an advantage.
Further information
Contact Peter Pargeter, Managing Director, on 419 866 992.
Applications should be addressed to: Peter Pargeter, Vinescape Management Pty Ltd, PO Box 805, Blackwood, SA 5051.

PUBLIC LECTURE

Environmental Research Resolves a Conflict: Ecological Modelling for Saving Threatened Species presented by 1999 Eureka Prize Winner **Professor Hugh Possingham** on Wednesday 9 June at 7.30pm in the Rennie Lecture Theatre, Johnson Building.

* * *

Wildlife conservation and logging are often seen as conflicting activities, but this does not have to be the case. Professor Hugh Possingham from the University of Adelaide has collaborated with Dr David Lindenmayer from the Australian National University to develop a management plan to conserve the endangered Leadbeater's possum. The possum nests in the hollows of 100m tall trees that are highly valued by loggers. Information from Dr Lindenmayer's extensive field research was used to construct a model that indicates the viability of wild possum populations. The predictions of the model and a decision theory framework were

combined to formulate the conservation plan. It enables forest managers to protect populations of Leadbeater's possum while allowing logging in a more environmentally sensitive manner. A series of separate reserves plus a core national park were proposed to protect the possum species which would be vulnerable to extinction if a single large reserve were destroyed by a natural disaster like fire. Professor Possingham and Dr Lindenmayer were awarded the 1999 Pol Eureka Prize for environmental research leading to the resolution of an environmental problem.

* * *

All are welcome. Admission is free. This lecture is especially directed at year 10-12 high school students and their teachers. Refreshments will be served after the lecture. RSVP: Mike Keller, tel 8303 7263, fax 8379 4095, email: <michael.keller@adelaide.edu.au>.

Research Branch Update

ARC SMALL GRANTS SCHEME 2000

Applications are invited for initial funding under the ARC Small Grants Scheme for 2000. This scheme aims to support, on a competitive basis, high quality research projects and pilot research projects of modest cost conducted by researchers of proven excellence; and to support new researchers who show clear evidence of high research capacity.

All disciplines are supported except clinical medicine and dentistry.

The minimum grant size is \$5,000; and the maximum is \$20,000 in Mathematics, Theoretical Physics and Humanities and Social Sciences and \$30,000 in all other disciplines.

The Application Form, the University's guidelines and other information are available on the Research Branch web site at: <<http://www.adelaide.edu.au/RB/formslst.html>>.

Prospective applicants should note that the closing date for applications is 16 August and that **late applications will not be accepted.**

ARC INDIGENOUS RESEARCHERS DEVELOPMENT SCHEME

The key objective of this scheme is to develop the research expertise of Indigenous researchers to a level at which they can compete in open competition for mainstream research funding. Applications are accepted only from Indigenous researchers and all Chief Investigators must meet this criterion. However, as the scheme aims to develop the research expertise of successful applicants, it is strongly recommended that a mentor (who does not need to be an Indigenous person) is associated with the proposal to provide specific expert advice on the subject of the research.

Application forms and guidelines are available on the Research Branch website and further information may from Vada Osborn on extension 33387. Applications close with the Research Branch on Friday 18 June.

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

Australian Chemical Trauma Alliance Inc Conference

13-15 August at the University of New England, Armidale NSW. Enquiries: Tracy Brown, President/National Coordinator, The Australian Chemical Trauma Alliance Inc., Tel & fax: (02) 6772 0066. Email: <acespade@northnet.com.au> Web: <<http://www.ozemail.com.au/~actall>>. A full notice about the conference will appear in the 14 June issue of the *Adelaidean*.

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 any of the funding schemes listed below, please contact the Research Branch, ext 35137; or email <louise.moore@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.

Industry, Science & Resources; Dept of (DISR) - Technology Diffusion Program (TDP): This Program has three integrated components: Technology Alliances; Technology Transfer; and Online Business. Further information about the TDP is available from the AusIndustry web site: <<http://www.ausindustry.gov.au/tdp>>. U19/98

National Centre for Research Resources (NCRR), USA: Novel Approaches to Enhance Stem Cell Research: Internal closing dates: 18 May, 17 September 1999 and 18 January 2000. U8/99. Further information: <<http://www.nih.gov/grants/guide/pa-files/PA-99-086.html>>. Grant application form (PHS 398): <<http://www.nih.gov/grants/forms.htm>>.

Juvenile Diabetes Foundation Australia - Innovative Grants: Internal closing dates: 1 June, 1 September and 1 December 1999 and 1 March 2000 (Copy of first two pages of application). 17 June & 17 September and 17 December 1999 and 17 March 2000 (Completed full applications). U7/99

National Institute of Dental and Craniofacial Research - Collaborative Oral Health Research Planning Grant: Internal closing date: 2 June 1999. U7/99

Further details are available from: <<http://www.nih.gov/grants/guide/rfa-files/RFA-DE-99-002.html>>. Grant application form (PHS 398) is available from: <<http://www.nih.gov/grants/forms.htm>>.

Criminology Research Council - Research Grants: Internal closing dates: 11 June & 8 October 1999. U1/99

Brain Foundation (SA) - Elizabeth Penfold Simpson Prize: Internal closing date: 11 June 1999. U8/99

AZA Research - 2000 Research Grant Programme: Internal closing date: 11 June 1999. U8/99

Arthritis Foundation of Australia: Domestic Fellowships, Overseas Fellowships, Specific Purpose Grants & Grants-In-Aid for 2000. Internal closing date: 11 June 1999. U8/99

Royal Geographical Society of Queensland Inc and the Australian Geographic Society Pty Ltd: White Mountain Scientific Study: Internal closing date: 11 June 1999. U9/99

Australian Spinal Research Foundation - Research Grants: Internal closing date: 11 June 1999. U9/99. Web site: <<http://www.qut.edu.au/bus/ponc/asrf.html>>.

University of Cambridge - Smuts Visiting Fellowship in Commonwealth Studies 2000-2001: Internal closing date: 16 June 1999. U1/99

New South Wales Police Service: Policing Research Grants - Sir Maurice Byers Fellowships: Internal closing date: 18 June 1999. U8/99

Natural Heritage Trust - Threatened Species Network (TSN): Community Grants: Internal closing date: 22 June 1999. U8/99. Web site: <<http://www.nccnsw.com.au/member/tsn>>.

Natural Heritage Trust: Coastcare - Funding for Environmental Projects 1999-2000: Internal closing date: 23 June 1999. U6/99. Web site: <<http://www.environment.gov.au/marine/coastcare/>>.

Australian Kidney Foundation: Medical Research Project Grants, Medical Research Equipment Grants & Medical Research Seeding Grants. Internal closing date: 23 June 1999. U6/99

Australian Academy of the Humanities - Travelling Fellowships: Internal closing date: 23 June 1999. U3/99. Web site: <<http://www.asap.unimelb.edu.au/aah/>>.

Australian Academy of the Humanities / Royal Academy of Letters, History & Antiquities, Sweden: Overseas Program: Sweden: Internal closing date: 23 June 1999 (visit the following year). U3/99

Creswick Foundation - Fellowship in Family Relations and Child Development: Internal closing date: 23 June 1999. U7/99

Scholarships

Unless otherwise stated, information and application forms for the following scholarships are available from the Registrar, Scholarships, or the Scholarships Officer, Graduate Studies and Scholarships Branch, Level 7, Wills Building, ext 35697/33044. Please lodge all applications with the Scholarships Office unless otherwise stated.

AFUW-ACT Bursary: Free board and lodging for up to four weeks at Ursula College, ANU to a woman graduate or final year honours student who wishes to carry out some short project, in any field, that necessitates a short stay in Canberra. Closing: 31 July (Canberra)

Australian Kidney Foundation Biomedical Research Scholarships and Summer Vacation Scholarships: Biomedical Research Scholarships are open to Australian applicants enrolled in a PhD or MD at an Australian university. Vacation scholarships are open to undergraduates currently enrolled in the Faculty of Medicine or other faculties offering courses in the biological sciences. Applicants should have completed, or expect to complete, at least one full year of their course by the scholarships commencement. Closing: 8 September - Vacation Scholarships; 23 June - Biomedical Scholarships (Scholarships Section)

Eastern Mediterranean University of The Turkish Republic of North Cypus: Tenable for four years. Value: tuition fees, living allowance, accommodation, books. A

list of graduate degree programs offered is available on request. Preliminary applications must be submitted by 15 June 1999. Closing: 15 August (ACT)

Japanese Government Research Awards for Foreign Specialists, Science Awards 2000-2001: Open to Australian citizens or permanent residents wishing to undertake research for up to six months in Japanese government national laboratories. Applicants must have been engaged in scientific or technological research for more than three years after obtaining a university degree in the field related to their proposed Japanese study. Forms available via internet: <<http://www/science.org.au/internat/exchange.japfel.htm>> Closing: 2 August (Canberra)

Merrill Lynch Forum: Grants will be awarded to PhD students who best explain the commercial application of their dissertation topic. Applications via the Forum's Web Site: <www.ml.com/innovation/>. Closing: 15 September (USA)

Monbusho Scholarships to Japan: Available at undergraduate and postgraduate level. Details available on request, however, applications only available from the Japanese Embassy (02) 6273 3244. Closing: 24 June (Canberra)

National Heart Foundation Postgraduate Scholarships: Postgraduate scholarships, medical and non-medical, for full-time research leading to a PhD at an Australian university. Closing: 25 October - Non-medical (Scholarships)

Research Abroad Scholarships: Open to full-time higher degree research students who have completed their structured program; part-time students not in employment; Lecturers Level A. Students who have previously held a Research Abroad Scholarship are ineligible. Applicants must be able to show that travel overseas is essential for the pursuit of his/her postgraduate work. Closing: 31 July (Scholarships)

Sir Edward 'Weary' Dunlop Asian Fellowships: Open to Australian citizens to undertake individually devised projects in an Asian country, in such fields as social service, local community development, peace-keeping, public health/welfare, technology, environment/resource management, arts/culture, sport. Closing: 30 August (Victoria)