

ADELAIDEAN

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NEWS FROM THE UNIVERSITY OF ADELAIDE

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School study surprise: do teachers get it wrong?

AN ADELAIDE UNIVERSITY study of South Australian primary school teachers has suggested that a majority of teachers' judgements about the reading achievements of young reception and primary children may be substantially wrong.

The study indicated that more than one third of teachers' assessments were in error by 12 months when estimating actual reading age, as indicated by a widely used test for accuracy and comprehension.

The study also found the teachers had a highly significant tendency to overestimate the reading skills of low-achieving students.

The study's authors say that teachers' poor capacity to judge reading age may have serious implications for their ability to identify students who may need special assistance.

The study was carried out as part of an Honours thesis in Psychology by student Caroline Bates, and reported in a paper by Ms Bates and Psychology Associate Professor Ted Nettelbeck.

Dr Nettelbeck said he had had difficulty getting the paper published in Australian education journals. He said the study had "not been of particular interest" to the SA Department of Education, Training and Employment.

He said the reason for the lack of interest may reflect the contemporary approach to teaching young children to read.

While past teaching tradition had focused on assessment methods such as comparison and ranking of students, contemporary educators were more concerned with the accomplishments of individual students and what was needed for



Photo: David Washington.

their progress.

However, Dr Nettelbeck argues that measuring students' performance against normative standards is important, particularly when identifying children who are struggling.

"From a psychological point of view, in any other area of slower development the focus is on early intervention," he said. "I think it is important to detect any sign of delayed reading achievement at an early age."

The study casts doubt on teachers' ability to do this.

It says that if teachers are to be in a position to intervene effectively when

a child is falling behind age-level peers, they should be able to make "reasonably accurate assessments of reading achievement".

The study, conducted in 1997, involved 29 reception to Year 4 teachers in South Australia.

The teachers nominated students aged between six and eight years, and consent was received for 112 students to participate.

Teachers were provided with information about a widely-used test—the Neale Analysis of Reading Ability, Revised—which is used to measure reading accuracy and comprehension.

Teachers were then asked to estimate their children's reading accuracy and reading comprehension achievements scores, in terms of age peers.

Analysis of the actual achievements of the children, as measured by the Neale test, compared with the teachers' assessments, showed significant discrepancies.

Students' reading accuracy in a lower achievement group was appreciably overestimated.

Essentially the same outcome was found for reading comprehension.

About 32% of judgements for reading accuracy and 40% for reading comprehension were more than 12 months in error and these large errors were made at least once by about two-thirds of teachers.

In total, about 75% of teachers' judgements were inaccurate, to an extent thought by the authors to be likely to cause many parents concern.

"These teachers misjudged student reading age by more than six months for reading accuracy and seven months for reading comprehension," the paper says.

Dr Nettelbeck added: "We acknowledge that it's a small sample and that these children had been learning to read for from about one to two years. We recognise also that accuracy and comprehension constitute only a small part of what reading should involve. But accuracy and comprehension are nonetheless obviously important aspects of reading and, given the common assumption that any kind of achievement delay is better detected early, we are surprised that there is no particular interest in our findings."

—David Washington

Enterprise bargaining growth strategy proposal

A DETAILED Enterprise Bargaining proposal has been given to staff unions by Adelaide University.

If agreed to, the proposal would see the University's workforce and salaries increase and its income from non-government sources rise substantially, according to the Vice-Chancellor, Professor Mary O'Kane.

The proposed agreement "is designed to provide secure employment, safeguard against some of the more onerous Federal Government plans for industrial relations, and offer staff a

much-needed pay rise of 8.74%", Professor O'Kane said.

She said the University's proposed 8.74% (compounded) salary increase for staff over the next three years was predicated on realistic forecasts of revenue increases from fee income, consultancies and research.

The pay increase would be contingent on increases in net income. However, the rise in salary could be even larger than expected if revenue growth exceeded the University's targets, through the payment of bonuses to staff.

Under the plan, a 2% pay rise would be paid as soon as agreement is reached between the University and its staff. Further increases of 3% and 3.5% would be paid in 12-monthly instalments, dependent on meeting revenue targets. Compounded, the total increase would be 8.74%.

The University's plan includes the employment of talented postgraduate and honours students as teaching fellows. These students will gain valuable on-the-job training and improved financial security during

their senior years of study.

Additionally, the plan allows for an investment of nearly \$20 million on new staff and related costs to help earn the extra income needed to fund pay rises.

Professor O'Kane said that although base funding of universities by government had fallen, Adelaide University would resist the trend of downsizing and restricted horizons. Instead, the University would pursue growth and quality.

Continued Page 3



THE UNIVERSITY
OF ADELAIDE

1874-1999

Celebrating
125 years

INSIDE

The brilliant and eccentric Professor Archibald Watson was a legendary figure at the University of Adelaide.

A new biography by Melbourne-based author Jennifer Carter reveals a darker side to Watson's career—his involvement in "blackbirding", the kidnapping of Pacific Islanders for sale as slave labour.

John Drislane interviewed Jennifer Carter about the book during her recent visit to Adelaide. Story Page 6.

Celebrating
125 years

FROM NEAR AND FAR

Margaret Clunies Ross is McCaughey Professor of English Language and Early English Literature and Director of the Centre for Medieval Studies at the University of Sydney. She has also held a college lectureship at Lady Margaret Hall and St Hilda's College, Oxford (1965-68), and various travelling fellowships and visiting appointments at institutions in Europe and North America. She was a member of the Humanities sub-panel of the Australian Research Grants Committee (1987) and of the Australian Research Council (1988-90) and a member of the Australian Research Council from 1995-97. From 1995-98 she was President of the Australian Academy of the Humanities, to which she had been elected in 1990, and served as President of the National Academies' Forum in 1997-98.

Margaret Clunies Ross is the author of numerous articles and eight books in two separate research fields: Old Norse-Icelandic Studies (with Anglo-Saxon Studies) and Australian Aboriginal traditional songs and performing arts. Her most recent books are Prolonged Echoes. Old Norse myths in medieval Northern society. Vol. 2: The reception of Norse myths in medieval Iceland (Odense, 1998) and The Norse Muse in Britain, 1750-1820 (Trieste, 1988).

I was born Margaret Tidemann on 24 April 1942 in Adelaide, went to school at Walford Church of England Girls' Grammar School (still called Walford House when I first went there at the age of 4) from the ages of 4 to 16, and attended the University of Adelaide from 1959-62, where I enrolled in Arts and took a First Class Honours degree in English, graduating at the end of 1962 at the age of nearly 21. I was an Adelaide girl in every respect and my horizons at that time were wide in imagination and reading, but narrow in practice. I had once been outside South Australia—and then only to Melbourne on a brief visit with my parents and five younger siblings, which I remember vividly because I had to travel some of the way in a caravan and got terribly sick—and I'd never been overseas. Such an experience—or the lack of it—was, I think, common to young Australians of my generation, to whom the outside world was known largely from newspapers (and *The Advertiser* and *The News* were not the most cosmopolitan of daily fare), pop songs and American films. But there were also such things as the ABC (I used to love the Argonauts) and the occasional concert and visiting drama company.

When I was at school intelligent girls usually had to hide their brains under some cover or other. There were few bonus points to be gained among one's peers for cleverness or intellectual interests. It is true that I found one or two fellow students at school who had similar interests to mine, but for the most part I got my intellectual stimulation from my teachers (who were very good to me) and from books. Years later, one of my younger sisters, who went to the same school, told me she sometimes used to look up the names of previous borrowers of books in the school library, to find that mine was the last name listed—sometimes the only name. It was an excellent library, and I read voraciously and eclectically, both



Margaret Clunies Ross: "sad to see history repeat itself". Photo courtesy of Professor Clunies Ross.

“It is hard not to romanticise the past, but I still think of those early Adelaide days as the formative period of my own academic career...”

there and in the South Australian State Library, where I loved reading at the cool, dark desks in secluded recesses during the hot summer months.

My father wanted me to become a scientist and tried to steer me in that direction, becoming rather resistant when, in the last two years of school, I decided to study Humanities subjects (called Arts in those days of course). It was a near thing, though, and I have sometimes regretted not going into the hard sciences, where Genetics was the thing that turned me on. Probably because I resisted this path, my family required me to contribute something towards my financial keep at university, even though I had both a Commonwealth Scholarship and a State Bursary, and urged me into the Teachers' College and the system of bonded scholarships that I came to hate. I had no interest in being a secondary school teacher; I studied the required subjects alongside my Arts subjects (and actually found some of them rather interesting), but, when the moment of escape came in 1963, I took it, even though it meant paying back my bond while I was a postgraduate student at Oxford.

What, then, did the University of Adelaide mean to me? It meant so many things that I can only give a very brief account of them here. First, it meant the exhilaration of intellectual challenge and breadth of intellectual opportunity. Then I

started to meet other students (often older than I was) who had similar interests; we talked politics, philosophy, literature; we debated, acted in plays and generally had a marvellous time. I wrote poetry too in those days. And there were members of staff in all the Departments I studied in—and several others besides, because Adelaide University was quite small at that time—who accepted me as their equal and introduced me to the world of international scholarship and research. It is hard not to romanticise the past, but I still think of those early Adelaide days as the formative period of my own academic career when these generous scholars accepted me, and other serious students, as their equals and inducted us into academic life. I cannot speak too highly of the privilege of this experience and regret that, in the pressure of the contemporary university, it is simply not possible to replicate it.

In the late 50s and the early 60s money had started to flow again into the Australian university system as a consequence of the Murray Report and the Menzies Government's implementation of it. Although I did not fully understand the politics of the situation, I could see the benefits on the ground. I chose to do Honours in English (though a number of other subjects tempted me) and I entered a vibrant, expanding Department full of keen, mostly new staff. Some of the

older members, like the marvellously eccentric Bryn Davies, were still there, but most of the appointments, under the wise and humane guidance of Colin Horne, and later John Colmer, were fairly new and mostly young. It was a marvellous time and the Department was full of life: one of the best things about it was that it was not doctrinaire, it did not espouse a particular critical line (and this was a time when the Leavisite plague was afflicting many English Departments), nor did it separate the study of English Language and Medieval Literature from English Literature since 1500. Australian Literature was also fully integrated into our curriculum well before this happened in other Australian English Departments, thanks to the influence of Brian Elliott and Geoff Dutton.

It was my great good fortune that, at the beginning of my second year, just as I was entering the Honours stream, the Department chose to restore its coverage of Old and Middle English (relinquished in the lean years before 1958) by appointing a member of staff to teach in this area. Ralph Elliott arrived at the beginning of 1960 and I began to lap up what he had to offer: Old English, Middle English, Germanic Philology. In the following year another medievalist, Peter Meredith, now a Professor of English Medieval Drama at the University of Leeds, was appointed to the Department. Although Ralph Elliott, who was an inspiring teacher, was not an Old Norse-Icelandic specialist, he had had a sound philological training, and he decided to offer an off-the-curriculum Old Norse course in the lunch hours. It comprised him, a new Tutor, John Anderson (who later went to Manchester) and me. This is what set me off on the academic career I have since followed. I won a George Murray Travelling Scholarship from the University of Adelaide in 1963 and took it up at the University of Oxford, where I studied Old Norse under Gabriel Turville-Petre, then the senior Old Norse scholar in the English-speaking world. Since then, I have spent various periods of time in all the Scandinavian countries, including Iceland, as well as in the UK, the US and Germany. At the University of Sydney, I am one of a team of Old Norse-Icelandic researchers who have kept Australia on the international map in this subject, but my beginnings lie at the University of Adelaide.

There is a lesson to be drawn from this biographical recollection. It is now the case that the Australian university system continues to maintain the diversity of its teaching and research in the Humanities and in other disciplines with the greatest difficulty. A story such as mine is now very hard to replay. The funding is drying up again, and, though private resources may help, they can never be sufficient to support the range of generalist studies that a mature university system should have and which I enjoyed during my years at the University of Adelaide. Talented young Australian researchers are now again being lost to the Australian university system, just as they were in the years before I attended the University of Adelaide. It is sad to see history repeat itself in this way.

International grants success

ADELAIDE UNIVERSITY'S reputation as an Australian leader in research has been bolstered by the recent announcement of the International Researcher Exchange (IREX) grants.

The University has been awarded 14 of the latest IREX grants, the most of any university in Australia.

IREX grants are awarded by the Australian Research Council. They provide funds for collaboration between Australian and overseas researchers. The grants are also a strong measure of a university's international reputation in research.

Out of 20 applications, Adelaide University received 14 of the grants—a success rate of 70%. This compares with the national success rate of 36.6% (89 grants out of a total of 243 applications).

The total amount awarded to Adelaide University was \$534,500 over three years, which is more than 40% of the total amount of IREX grants (approximately \$1,274,000) awarded in Australia.

The IREX grants are spread over five of the University's six Faculties: Agricultural & Natural Resource Sciences; Engineering, Computer & Mathematical Sciences; Humanities & Social Sciences; PALACE; and Science.

The research projects begin in the year 2000. Projects funded under the IREX scheme include: investigating new materials for electronics, reducing aerodynamic sound, improving the quality of olive oil, detecting leaks in Australia's major water pipe systems, and installing a new multi-telescope system at Woomera to study high-energy phenomena in the universe.

Adelaide University researchers will collaborate on these and other projects with colleagues from the UK, France, Germany, Italy, Denmark, Sweden, Switzerland, Canada, the US, Mexico, Japan, Taiwan and India.

"Our success reflects our strong international research reputation, and is no real surprise," said the Vice-Chancellor, Professor Mary O'Kane.

"The fact that we have received grants for 70% of our applications and been awarded more than 40% of the total grant funds in Australia says a great deal about our expertise.

"This is another feather in the cap for Adelaide, proving yet again that we really are an Australian leader in research and research training."

—David Ellis

EB growth strategy proposal

From Page 1

"The future of Adelaide University is in the remarkable talents of our staff and the ability of the University as a whole to attract and educate the best students and produce the most innovative research," she said.

"We have the capacity to attract significant industry support, as was shown recently with the \$25 million sponsorship from Santos to establish the Santos School of Petroleum Engineering.

"Obviously, we want our staff to have the best possible wages and conditions. By linking salary increases to revenue increases we will ensure strong growth, without the need for big redundancy

programs. Axing large numbers of staff is a corrosive strategy that would only lead to a lowering of quality.

"Our plan will deliver real salary increases and the employment of more staff. I'm very hopeful that the staff and students will support our ideas."

Professor O'Kane said the proposal was "a responsible and positive plan for growth and security".

"I believe that the strength of this approach is that it makes explicit what has been implicit for much of the University's existence—that is, our existence has always been contingent on our ability to attract support for core activities, such as our research. We have always survived on our

abilities; recent government policy changes have made that much more obvious.

"This plan calls for a collective effort in which all staff benefit from all our successes. This can only be positive," she said.

A copy of the draft agreement provided to the unions, as well as a copy of a letter addressing a variety of questions asked by the unions can be viewed on the University's website at: <<http://www.adelaide.edu.au/CMU/docs/menu.htm>>.

Any comments about the draft plan should be forwarded to Marelle Smith at <marelle.smith@adelaide.edu.au>.

Vice-Chancellor offers Timor safe haven

ADELAIDE UNIVERSITY has pledged its humanitarian support for the people of East Timor in the form of accommodation—if required—for Timorese refugees.

Following widespread concern around the University about the crisis in East Timor, Vice-Chancellor Professor Mary O'Kane has written to the Minister for Foreign Affairs offering the University's assistance.

If evacuation of refugees becomes necessary, Professor O'Kane has offered accommodation for about 100 refugees at the Roseworthy Campus.

In addition, the University has offered to assist later-year refugee students by helping them to complete their studies at Adelaide. The University would also welcome refugee members of staff from the University of East Timor.

"We are extremely concerned about the plight of the East Timorese people," Professor O'Kane said.

"I dearly hope that these offers will not need to be taken up at all. However, the Australian Government

has been offered our assistance and we would be pleased to honour that commitment.

"Although our efforts may not amount to much in the grand scheme of things, we hope that in some small way we can provide the people of East Timor with a safe and welcoming haven."

Professor O'Kane said Adelaide University continued to value its long and developing relationship with Indonesia, "especially the valuable people-to-people contacts with our Indonesian students, academic colleagues in Indonesia, and our staff", she said.

"Our offer to help the people of East Timor is a simple one—an act of genuine concern for those who are going through intense suffering and hardship at this time."

Professor O'Kane said a long-term goal would be to establish on-going links with the University of East Timor, "to support the university as it adjusts to its new situation in an independent country".



Sustainable Growth

The spring weather and enterprise bargaining have both led me to think about growth.

Anyone who has worked in Australian universities over the last fifteen years or so will tell you that it has been a time of restriction and hardship. They will tell you about massive growth in student numbers at marginal funding rates, the clawback to create the ARC, increased administration and reporting, funding cuts since 1996 with consequent redundancies and job insecurity, the decline in research infrastructure, and enterprise bargaining that has produced much-needed salary increases but without government funding to cover them. It has all been extremely unpleasant!

However, if you scrutinise the annual Financial Statements of many Australian universities, in particular the Group of Eight, you will see that while operating grants (the government block grants to universities) have dropped in real dollar terms, total revenue has increased. So what's the problem?

In part the problem is that many universities still see the operating grant as the prime driver of teaching and research activities, although, in our case, it makes up less than half our total consolidated revenue. And we still continue to do all the activities in these areas that we have always done, in the ways we have always done them, so that we have "adjusted" to the declining unit rate by working harder. We have, along with other universities, been enrolling more fee-paying students both from overseas and from Australia in an attempt to offset declining government funding—but we have not always adequately integrated the income from this into the rest of our activities in a way that ensures we fully capture the benefits.

The University has now proposed an Enterprise Bargain Agreement which establishes a mechanism for explicit, sustainable growth. Explicit, because the growth will be planned, and based on understanding the full costs of generating it. Sustainable, because it will provide the mechanism for salary rises into the future (ie not just for this Enterprise Bargain). The University is proposing that salary increases be contingent on increases in a carefully selected set of funding sources (international and Australian student fees and contract research). In parallel with the proposed Enterprise Bargain Agreement, the University is also proposing that there be changed arrangements for work. We will need to be more flexible about allowing people to shine at what they do best. Some will prefer to spend more time on teaching, while others will be able to spend more on research. Many staff have been very supportive of a change to a trimester year, with academic staff teaching two of the three, and being able to use the third for research and scholarly activities.

Unless we take our future into our own hands, universities can expect to become increasingly miserable places. Our staff should have the conditions and pay appropriate to an institution aspiring to be one of the great universities of the world. Hopefully with this Enterprise Bargain proposal we will place ourselves firmly on the road to sustainable growth.

MARY O'KANE



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John Edge
Editor

Julie Ryke
Layout

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Writers
John Drislane
David Ellis
David Washington

Contributors
Sheila Bryce
Geoff Sauer

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Room G07 Mitchell Building, South Australia, 5005. Tel (08) 8303 5174; Fax (08) 8303 4838; Email: julie.ryke@adelaide.edu.au
WWW: <http://www.adelaide.edu.au/Adelaidean/home.html>
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Mongolian links for Adelaide economists

ECONOMISTS at the University of Adelaide are helping their Mongolian colleagues to meet the challenges of the country's new free-market economy.

Currently the world's biggest recipient of foreign aid (per capita), Mongolia has a transition economy which is adjusting to free market conditions after years of Soviet communism.

Last month, University of Adelaide economist Glyn Wittwer travelled to the capital, Ulaan Bataar, to address an economic seminar.

Participants included two members of the Mongolian parliament.

The visit was arranged by the Mongolian Development Research Centre which has had a close working relationship with the University for several years through the Dean of Economics, Professor Richard Pomfret.

Mr Wittwer, a Research Associate at the University's Centre for International Economics Studies, presented a paper on Modelling Mongolia's economy using a computable general equilibrium framework.

"The paper basically compared elements of the Australian economy with elements of the Mongolian economy, particularly the tyranny of distance," Mr Wittwer said.

"Australia was linked to the outside world in 1872 by the telegraph line.

"In recent years, the Internet has linked Mongolia to the outside world.

"The Internet is very important for the growth of the country's emerging industries such as tourism, for example."

Mr Wittwer said one of the analytical difficulties Mongolia faced was that, under

the Soviet system, the country's trained economists had never had to consider consumers when drawing up economic plans.

He said the biggest barriers to trade at present were not institutional but infrastructural.

"In a country the size of Queensland, there is only one rail line, running north to south, and most of the roads are cratered and unsealed.

"But Mongolia does have a high degree of social cohesion.

"It appears to be a peaceful society that tolerates minority groups.

"Unlike many other regions, the transition after the collapse of the Soviet Union was remarkably peaceful, and this could be important in helping the economy to move ahead more quickly."

—John Drislane



Glyn Wittwer. Mongolia's economists never had to consider consumers. Photo: John Drislane.

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Prize for parasitic wasp studies

THE 1999 Harold Woolhouse Prize has been awarded to Dr Markus Beck of the Department of Applied and Molecular Biology.

The Award, which is presented annually to the best PhD student in the Faculty of Agricultural and Natural Resource Sciences, honours Dr Beck's ground-breaking research into parasitic wasps.

His investigations centred on wasps that inject their eggs into other insects such as caterpillars.

Dr Beck, an Overseas Postgraduate Research Award student from Germany, examined the mechanisms the wasps use to protect their eggs inside "host" insects.

In particular, he sought to identify the genes used for immune protection of the eggs.

In cases where several eggs are injected, Dr Beck studied how interlarval competition decides which of the wasp's offspring lives to take over the host.

He discovered that, within the wasp species *Venturia canescens*, two sub-populations employ two genetically distinct reproduction strategies while using the same host insect as a food source.

The discovery is important for the development of practical biological control strategies, particularly wasp release programs targeting insect pests.

It has already resulted in a new collaboration between the Department's researchers and a research team in the Netherlands.

—John Drislane Dr Markus Beck



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Conference aims to revitalise manufacturing

A NEW conference in Adelaide is bringing together leading industry analysts from around the nation and overseas to develop a practical and innovative approach to revitalise South Australia's manufacturing sector.

The conference, called "Manufacturing Prosperity", will be launched by the South Australian Treasurer, Mr Rob Lucas, at the Adelaide Festival Centre on Wednesday, 21 September.

"Manufacturing Prosperity" will look at South Australia's competitive future in manufacturing from a realistic and positive point of view. Can we compete not only with other States, but also with the rest of the world? What are the strategies for growth which South Australian industry and the government need to act on to take us into the 21st century? These questions and more will be asked by

the conference speakers.

International keynote speaker for the conference is The Rt Hon Lord John Eatwell, an economist of world repute who has held professorial positions at the New School for Social Research, New York, Columbia University, the University of Massachusetts and the University of Amsterdam. He has taught economics at Cambridge University since 1970. In the British House of Lords he was principal spokesman on treasury and economic affairs.

Joining Lord Eatwell will be some of the most respected industry leaders, economic analysts and commentators in Australia, including representatives from the SA Centre for Manufacturing, Department of Industry and Trade, AusIndustry, business and academia.

"South Australia is leading the nation

in productivity and export growth, and manufacturing currently accounts for a major slice of all research and development in this State," said the conference organiser, Principal Industry Analyst with Adelaide University's Centre for Labour Research, Mr Rodin Genoff.

"The challenge for South Australia is to build on the strengths of our innovative manufacturing industries by developing practical strategies to grow these 'industries of the future'," said Mr Genoff, who is also a speaker at the conference.

"This conference is ideal for anyone involved in business, from manufacturing, product development, research development, engineering and scientific services, to the provision of legal and financial services, or in government dealing with day-to-day

issues of employment generation and industrial renewal.

"'Manufacturing Prosperity' will identify practical strategies and government programs to build the dynamics of future prosperity. A sophisticated manufacturing base is vital to a turn-around both in living standards and employment growth in this State."

The conference follows the launch last year of a book titled *Manufacturing Prosperity*, which was co-edited by Mr Genoff and Professor Roy Green, Director of the Employment Studies Centre, University of Newcastle.

For more information about the conference (including registrations) contact the Hartley Management Group on (08) 8363 4399 or email: mp@hartleymgt.com.au.

—David Ellis

Democratic movement leader visits

THE MAN widely regarded as the 'Father' of China's democracy movement, Mr Wei Jingsheng, has given a public talk to a packed lecture theatre at Adelaide University.

Mr Wei, an electrician at Beijing Zoo in the late 1970s, has spent all but six months of the last 17 years (nearly half his adult life) in prison for the peaceful expression of his views on Chinese politics, economic reform and foreign relations.

Currently a visiting professor at Columbia University in New York, Mr Wei has been described as the most important political prisoner of his time. In 1997 he published a book entitled *The Courage to Stand Alone*. He has been awarded a number of international prizes, including the

Olof Palme Award, The Robert F. Kennedy Human Rights Award and the European Parliament's Sakharov Prize for Freedom of Thought. He has also been nominated for the Nobel Peace Prize.

Organised jointly by Adelaide University's Centre for Asian Studies and the Department of Politics, Mr Wei's public talk on Friday, 3 September was delivered to a packed lecture theatre in the Napier building.

His talk covered a range of issues concerning democratisation and human rights in China, his own time in prison and his dealings with the Chinese leadership.

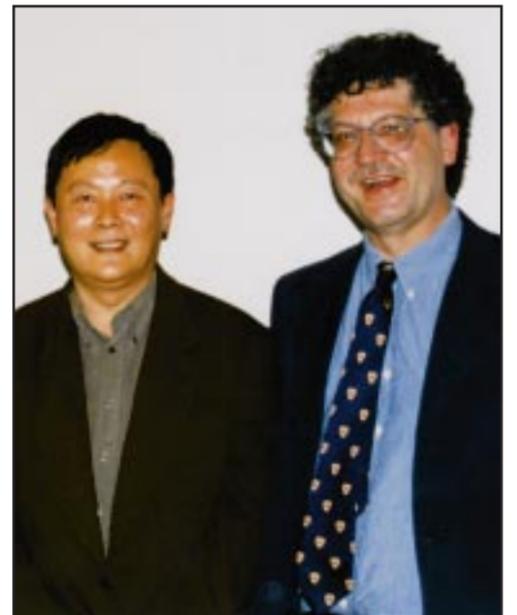
The discussion after his presentation touched upon a number of controversial areas, including China's

reunification with Taiwan, the future of Xinjiang Province and Tibet.

The audience was amused by Mr Wei's reference to his letter to the late Deng Xiaoping, which asked the paramount leader of China to resign. "A few days later," Mr Wei added with mock surprise, "he did!" (referring to Deng's anticipated decision to resign from a number of his formal roles in the Chinese government).

After a lengthy question-and-answer session, Mr Wei found himself at the centre of a large group of well-wishers eager to have photos taken with him, and to get his autograph. To these, and the many others listening to Mr Wei's delivery, it was a memorable talk, and an historic occasion.

—Dr Felix Patrikeeff, Politics



Dr Wei Jingsheng and Dr Felix Patrikeeff.
Photo courtesy of Dr Patrikeeff.

Adelaide rowers up with the best



AMBER HALLIDAY AND MARK SPARNON (above) are not the type to rest on their oars.

Ms Halliday, a third-year Psychology student, and Mr Sparnon, a first-year student of Medicine, are two of Australia's most promising young rowers.

Both represented their country at the recent Under-23 World Championships (Nations Cup Regatta) in Germany—and both returned with medals.

Ms Halliday, who received a \$1,000 grant from Vice-Chancellor Professor Mary O'Kane to compete in the championships, won gold in the women's lightweight double sculls with Victorian rower Hannah Every.

Mr Sparnon took bronze as part of the

men's lightweight quad sculls team.

For six weeks before the championships, both rowers participated in an intensive squad training session in Melbourne.

Unable to reschedule his studies in Adelaide, Mr Sparnon had to embark on a hectic schedule of weekly flights to and from Melbourne.

Ms Halliday, who has been rowing competitively for six years, puts her success down to good coaching and strong family support.

She says the standard of Australian rowing is so high that her immediate ambition is to be re-selected for the team competing in next year's Under-23 World Championships.

—John Drislane

German education leaders visit Adelaide

A DELEGATION of German university leaders has visited Adelaide to discuss a ground-breaking new Law course—one of the first offered jointly by an Australian university and an overseas institution.

Adelaide University has established a fully-integrated joint degree program, the Master of Comparative Laws, with the University of Mannheim.

The course enables students to study the different codes of law throughout the world. The course also helps

Australian students to gain a more detailed understanding of the legal framework in the European Union.

Students spend up to one semester in Adelaide and one semester at Mannheim, and undertake a dissertation at their home institution. The degree is awarded from both institutions.

Six German students are now in Adelaide under the program and two Australian students are in Germany.

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Biography reveals new slant on legendary Adelaide professor

NEARLY 60 years after his death, Professor Archibald Watson remains a legendary figure at the University of Adelaide.

The brilliant, eccentric surgeon and anatomist, who headed the School of Anatomy for 35 years (1885-1920), was renowned as an adventurer, a womaniser and flouter of convention.

Stories of his exploits are legion.

He once stole the head from a corpse at Adelaide Hospital morgue and replaced it with a cracked pot.

For recreation, he liked to ride his motorbike around the University's anatomy room.

When he retired from academic life he spoke just five words to assembled well-wishers: "You are all bloody hypocrites".

Watson is remembered as rogueish, inspirational, cantankerous and unorthodox.

But a new biography coinciding with the 150th anniversary of his birth argues that Watson's "loveable eccentricity" was in fact a carefully cultivated pose to divert attention from a shameful episode in his youth.

The book, by Melbourne-based author Jennifer Carter, reveals new details of Watson's involvement in "black-birding"—kidnapping Pacific Islanders for sale as slave labour.

In old age, Watson brushed off the episode as another amusing interlude in his action-packed life.

Ms Carter, however, provides convincing evidence that his involvement was more sinister.

Her book, *Painting the Islands Vermilion: Archibald Watson and the Brig Carl* (Melbourne University Press) publishes for the first time a log Watson kept of a blackbirding voyage in the South Seas.

Ms Carter found the log among a collection of Watson's papers lodged in the National Library of Australia by the late biochemist, Dr Hedley Ralph Marston.

(Marston had planned, but never completed, his own biography of the surgeon.)

"During Watson's lifetime, people had heard stories about his involvement in blackbirding," Ms Carter said.

"The medical community knew he had been engaged in dark deeds in the South Seas but no one pursued it.

"It was only after he retired and started cruising (as a ship's doctor) that Watson began to talk about it.

"He probably felt a need to unburden himself as he

got older, but he did it in such a way that he told only a vestige of the truth.

"The picture he presented of himself was of a buccaneering, romantic pirate."

Ms Carter's research has established that Watson, who was born the son of a wealthy pastoralist in Tarcutta, New South Wales, left Australia in 1869, aged 20, to supervise his father's land holdings in Fiji.

In December 1871 he joined the brig Carl at Levuka, supposedly as a passenger.

The Carl was on its second "recruitment" voyage in the South Seas, kidnapping islanders for sale in Peru, the Guianas or Queensland.

Four months earlier, 70 captured islanders had been massacred aboard the brig off the Solomon Islands.

Watson kept a journal of the second voyage from January to April 1872.

When the brig returned to Levuka it became the target of an official investigation.

Crew members were charged with kidnapping and murder, but Watson, although arrested, fled before he could be charged officially.

In an unsworn deposition before his escape, Watson admitted that the brig had kidnapped 101 men from different islands during its second voyage, but he denied any personal involvement.

Jennifer Carter argues that this is unlikely.

"He claimed he went on the cruise for his health, but it's very obvious from the log that he was well acquainted with sailing ships.

"He may not have been involved in the first terrible voyage of the Carl but it's highly likely he was involved in this kind of thing (blackbirding) before."

Even if Watson was not personally involved in murder and kidnapping, Ms Carter argues that he was still culpable.

She writes: "...a young, able-bodied passenger remained aloof from the kidnapping; he said and did nothing while fellow human beings ... were bullied, persecuted, frightened out of their wits and cast into the darkness of a hold when they had known nothing but fresh air and daylight all their lives..."

Watson fled to Europe and went on to study medicine in Germany, France and England.

In 1885, aged 35, he returned to Australia to become the first Elder Professor of Anatomy at the University of Adelaide.

He went to the Boer War as a service officer in 1900



Jennifer Carter—new slant on Archibald Watson.
Photo: John Drislane.

and was a consulting surgeon to Australian troops in Egypt during the First World War.

Throughout his life, Watson kept extensive diaries and "commonplace books".

Carter says these reveal a reflective man who was subject to bouts of depression—a picture at odds with the public clown.

"I know biographers are supposed to like their subjects, but most of the time I didn't like mine," she said.

"The only time I felt a real sympathy with Watson was when I read his notes about performing anatomy on young men of 20 and 21 during the First World War ...

"I could feel his anger then on behalf of his fellow man.

"Watson was an inspirational teacher but I think he was a very lonely, vulnerable person with no one to confide in. The diaries and commonplace books became very important to him.

"He seemed to always have a coterie of younger people around him, people more inclined to admire than to question him. I think that was a good indication of his vulnerability."

—John Drislane

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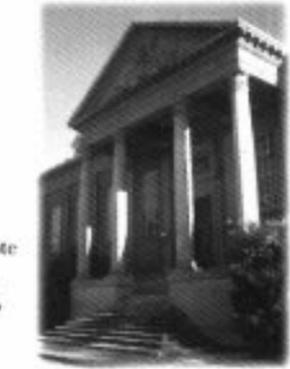
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European wasp expert appointed

EUROPEAN WASP research at Adelaide University has a new sting in its tail following the appointment of Dr Andy Reeson from the Institute for Virology, Oxford.

Dr Reeson has taken up a postdoctoral appointment at Adelaide as part of the University's three-year project into the control of European wasp.

The study is funded by the State Government through Luminis and is based in the Department of Applied & Molecular Ecology (Waite Campus).

Dr Reeson, an expert on the diseases of insects, will be using his knowledge to explore possible options for the biological control of European wasp.

One of the first priorities of Dr Reeson's research is to study queen wasps, which are active throughout the Spring.

At this time of year, queen wasps emerge from their winter hibernation sites and seek out new places in which to build nests. Dr Reeson needs live specimens of queens to initiate nests in the laboratory, which can later be used to assess potential control agents.

Queen wasps are slightly larger than the

more familiar worker wasps, and have similar markings.

Anyone can help with this research. If they see a hibernating or newly emerged queen, they can collect the live wasp in a jar. The specimen can then be collected by Dr Reeson.

However, Dr Reeson warns that members of the community who try to capture live wasp queens should be extremely careful.

"Individual wasps can sting and they should NOT be picked up by hand," Dr Reeson said.

"Using a jar and a lid is the best method, but anyone who is allergic to insect stings or not confident about collecting a specimen should not be involved.

"If nests are encountered—and this is unlikely at this time of year—they should NOT be disturbed as this can result in the wasps becoming aggressive," he said.

For more information about the European wasp research project, contact Dr Reeson on ext 37273 or Associate Professor Andrew Austin on ext 37265.

Obituary: Rodney Levinge 1922-1999

ROD LEVINGE, a well-known member of the engineering profession, died peacefully of a heart attack on Monday, 23 August 1999.

Rod was planning to submit his PhD thesis in the near future, in the Department of Electrical and Electronic Engineering at the University of Adelaide.

He had a long and fruitful career as an electronics engineer in England, and later, in DSTO in Australia. His career spanned more than two generations of electronic advances. At the end he was still making contributions to forward-looking innovations for industry.

With a Higher National Diploma (1951) he was appointed team leader at Vickers Armstrong Aircraft in Weybridge, England and was responsible for the design of navigation systems, radar and inertial, for guided weapons. Information gained in applied advanced control theory was passed on to engineering colleges to help reshape their courses. In 1961, in conjunction with GG Gouriet at Wayne Kerr Laboratories, he patented a new method for measuring transfer functions. Using analogue techniques, the method was later superseded (1968) by the fast fourier transfer transform.

As a team leader with Solartron and Marconi Space and Defence Systems he designed radar and navigation aid simulators. These were required for training and the study of tactical use of systems. For adequate realism second and third generation computers required extra

digital hardware to operate in real time. In particular, simulation of PPI radar displays had to include ground echoes, sea clutter, rain, height holes, as well as moving targets with or without FFI. Sonar had to simulate thermal layers, sea noises and the known signatures of various vessels.

At DSTO he made a study of modal analysis and of the best methods to extract high quality data. In addition the analysis of time series data from trials required the design of digital filters. The study of aircraft flutter required the design of an in-flight force generator.

Rod served the profession in many ways and notably through the IEE Overseas Committee in South Australia where he held several committee positions and led the Committee as its Chairman in the mid-1980s.

He was active as the international liaison member of the committee for the International Conference on Acoustics Speech and Signal Processing in the three years up to 1994, and he organised a home-stay system for delegates from less fortunate countries so that this ICASSP was the first in which zero-cost accommodation was available.

He is survived by his wife, Madeleine and daughter, Nicole. While we regret his passing it is with admiration and pleasure that we note he led a full and exemplary life until the end.

—Professor Robert Bogner
Electrical & Electronic Engineering



The search for quality: Rod Levinge experimenting in wine-quality modelling.
Photo courtesy of Professor Bogner.

Alumnus presents super science talk

ADELAIDE PHYSICS graduate Igor Bray, now Associate Professor in the School of Chemistry, Physics and Earth Sciences at Flinders University, recently presented a superb talk in the Rennie Theatre enigmatically titled: "The Reality of the Fictitious Forces, Atomic Collisions and Conflict Resolution".

The talk was the second in this year's series of evening talks organised by the Science and Mathematical Sciences Chapter of the Alumni Association.

In an exciting presentation which included some clever original animations, Dr Bray suggested that the key to understanding life, whether at the macroscopic or at the microscopic level, is to choose a frame of reference which simplifies the interactions of interest.

Depending upon the frame of reference, the forces which we feel and understand as centrifugal or coriolis forces might be pseudoforces. The talk discussed how these fundamental lessons of physics might be applied in everyday life as well as how they have led to immense progress in understanding atomic collision theory.

Dr Bray described diverse applications ranging from NASA's Hubble Space Telescope program through to how his team is building a better light bulb. Intelligent questions came from the school students present, and there was some spirited discussion on the alternative approach to understanding the "fictitious" forces.

Igor Bray was the joint winner, with Yuri Kivshar, of the 1998 Pawsey medal, awarded by the Australian Academy of Science for outstanding research in physics by scientists not over the age of 40 years for work carried out mainly in Australia.

The Chapter thanks him for freely giving his time and making such a valuable contribution to its program. Two further lectures are planned by the Chapter in 1999.

—Robert Perrin
Chair, Science & Mathematical Sciences Chapter

Philosophy Club camp

THE QUAINLY NAMED 'Old House', located in picturesque surroundings at Piccadilly in the Adelaide Hills, was the venue for the annual Philosophy Club Camp during the first weekend of Spring.

Those who attended were treated to a veritable feast of stimulating ideas for the mind, as well as fine food for the body, courtesy of the remarkable gastronomic skills of philosopher/chef Mr Vlad Popescu!

The weekend was highlighted by talks on a wide variety of subjects ranging from Love to the relevance of Madhyamika Buddhism to fundamental debates within contemporary western philosophy; and from the difficulties of imputing responsibility for the actions of collectivities, to whether there are fundamental differences in the thinking patterns characteristic of different cultures.

Perhaps the most provocative talk was Associate Professor Ian Hunt's "A Modest Proposal for the new Millenium" in which he 'advocated' the reintroduction of slavery as a means of providing for the needs of the

growing economic underclass in advanced western societies! The title is, of course, a deliberate allusion to Jonathon Swift's famous original "A Modest Proposal", in which he sarcastically urged that Irish babies be killed, sold and eaten, for they would surely be as well off as those Irish destined to destitution under British rule. The serious point behind Professor Hunt's talk was that the arguments espoused by many 'economic rationalists' could equally well be used to justify slavery, 'voluntarily' entered into, of course!

As well as organising the annual camp, the Philosophy Club also presents regular talks throughout the year to which all are cordially invited. Our next talk will be given by Dr George Djukic on the topic "Death: What is it, and should the atheist fear it?" on Thursday, 14 October at 7.30pm, Room 525, Hughes Building.

For more information about the Club's activities, please contact Justine Lera on (08) 8303 3816.

—Chris Walsh
Postgraduate Student, Philosophy

Opera supremo to speak at chapter dinner

RETIRING Artistic Director of Opera Australia, Moffatt Oxenbould, will be the guest speaker at a special Cornell Chapter Dinner to be held at Ayers House on Friday 8 October.

Music will be provided by lutanist Simon Martyn-Ellis.

The dinner will be held in the elegant Henry Ayers Room, 6:30pm for 7:00pm. \$50 per person. Please make your booking at the Alumni Office: tel 8303 5800, fax 8303 5808, or call in person at Alumni House, 44 Kintore Avenue in the city.

Grants for Doctoral Students

Doctoral candidates wishing to apply for the AUGU/RC Heddle Award or the Mutual Community Postgraduate Travel Grant are reminded that application forms are available from the Alumni Office.

These two grants, of \$1250 and \$2500 respectively, are available to support doctoral students who wish to travel to a conference at which they will present work, or to another institution at which they will learn a technique or method essential to their work that cannot be learned here.

Enquiries: Alumni Association, 8303 5800.



Barr Smith Library Tours

The Barr Smith Library is offering free 30 minute guided tours on the first Thursday of every month. These tours are ideal for those alumni who use the library, and particularly those who are new Services Subscribers. Familiarise yourself with the layout, collections, resources and services of the Barr Smith Library. Your guide will give you a Library Information Kit to keep for future reference. Tel: Jennifer Osborne, Reference Services Librarian, 8303 3706 or email <josborn@library.adelaide.edu.au> to make arrangements. Maximum of 12 per group.

Visit the Alumni Association web site to find out about activities during October:

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

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Percussionist is pre-eminent

IT'S turning out to be a great year for Elder Conservatorium Honours percussionist Nick Parnell.

First he was one of only two South Australian finalists in the Australian Young Performers Award in Perth where he played with the Western Australian Symphony Orchestra. He then went on to win the Elder Conservatorium's Concerto Competition and now he's landed first prize at the 1999 Adelaide Eisteddfod in the Percussion, Woodwind and Brass category.

For his winning performance at the Eisteddfod Nick Parnell played Rhapsody by Ney Rosauro, a 30-minute concerto. This piece involved playing several multi-percussion instruments including vibraphone and some unusual Brazilian instruments: the Shekere, a type of gourd and a Repineque drum. He was accompanied in the competition by pianist Leigh Harold, who was the other South Australian finalist in the Young Performers Award.

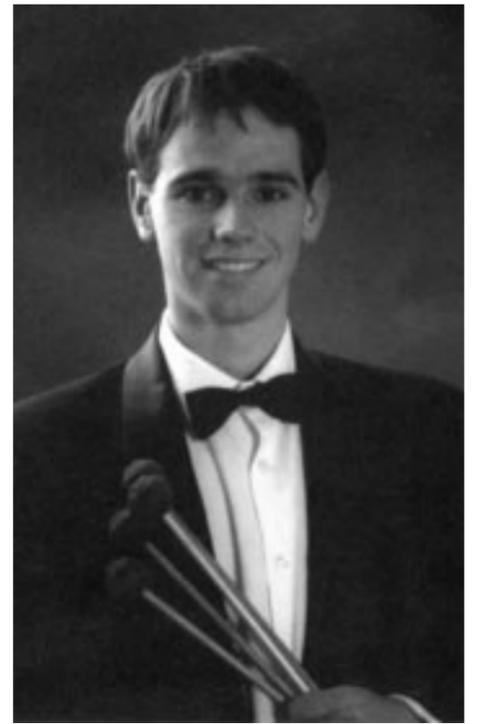
Nick Parnell recently gave a highly successful free concert in August and

will next perform in the Elder Conservatorium's Classic Composers concert on Saturday 6 November with The Elder Conservatorium Symphony, conducted by Nicholas Milton. As winner of the Concerto Competition he may perform a concerto of his choice—and has chosen to again perform Rhapsody by Ney Rosauro.

His final Honours recital will be held at 8pm on 24 November in Scott Theatre. The richly varied program for this free concert will demonstrate the many varieties of percussion instruments and music styles.

On the recital program are: Prisms by Keiko Abe (Marimba); Rudimental Clave by Wooton (Snare Drum); Ben-Vindo by Ney Rosauro (Vibraphone); Effugonetro by Max Leth (a duet for marimba and vibraphone, accompanied by Matt Davis); and Concerto for Percussion and Orchestra by Schuamner, a multiple percussion work in which Nick Parnell will be accompanied by Leigh Harold on piano.

—Sheila Bryce
Helmppann Academy



Nick Parnell pictured at the Enchanted Evening concert. Photo courtesy of Sheila Bryce.

Left Directions conference

A THREE-DAY conference focusing on left-of-centre politics will take place at the University of Adelaide from 22-24 September.

The event, Left Directions, will feature broad-ranging discussions on issues including socialist basics, social justice and welfare, class, gender, education and aboriginal rights.

Speakers will include Rev Nic Francis of the Brotherhood of St Lawrence; Neal Blewett, Geoff Gallop, Gael Fraser, Carol Bacchi, Hugh Stretton, Mark Latham MP, Aileen Moreton-Robinson and Pat Thomson.

The conference is free and has been organised by the Politics Department in conjunction with the Don Dunstan Foundation.

The venue for discussions is LG 29, Napier Building (Wednesday and Thursday) and the Ira Raymond Room, Barr Smith Library (Friday).

The Vice-Chancellor, Professor Mary O'Kane, will open the conference officially and chair the first session—featuring Rev Nic Francis and Gael Fraser—on Wednesday at 2.00pm.

For full conference details, contact the Politics Department, telephone 8303 5699 or email <christine.mcelhinney@adelaide.edu.au>.

Rare offering from Theatre Guild

THE UNIVERSITY OF ADELAIDE Theatre Guild will present the second in its "Classic Curiosities" season of moved playreadings on Sunday 26 September.

This month's offering is *The Cenci* (1819) by leading Romantic poet, Percy Bysshe Shelley.

The Cenci was Shelley's first attempt at writing drama, a form of composition for which he thought he had no talent.

The play was offered to the management of Covent Garden and Drury Lane, but declined because of its subject, which dealt with the incestuous passion of Count Francesco Cenci for his daughter Beatrice.

There is aptness in the Theatre Guild's choice of *The Cenci*.

Four hundred years ago this month the historical Lady Beatrice Cenci, her elder brother Giacomo and stepmother Countess Lucretia were executed by order of Pope Clement VIII for their part in the murder of Count Cenci.

The play has rarely been performed—the last production by an Adelaide company was by the

Adelaide University Dramatic Society (AUDS) in 1953.

The Theatre Guild's moved reading offers the chance for audiences to decide whether the play has life, or is just a curiosity of theatrical history.

Director Alex Kirk has no doubt of the play's suitability for performance.

"Lovers of Shelley's verse will be delighted at the restraint and skill used in the preparation of the text for performance," he says.

"Shelley's detractors will find themselves pleasantly surprised at the play's flow and those not familiar with the poet, or familiar only with his verse, will find this reading a fascinating eye-opener."

The Cenci plays for one performance only on Sunday 26 September at The Chapel, Theatre 62, Burbridge Rd, Hilton. The performance is at 2.00pm, with an expected duration (including interval) of two hours. There will be an opportunity for discussion afterwards. Admission \$5.

A moment of light



In the whole appalling saga of East Timor over past weeks, the Vice-Chancellor's offer of accommodation on Roseworthy Campus for East Timorese refugees is one of the few small moments of light in a week of depression, anger and distraction. History might have something different to say about the "best efforts of our leaders" (past and present) which she referred to on ABC radio, but that's another matter. A small gesture, in the context of the enormity of the fate of the people, as the Vice-Chancellor said, but I totally support her action, and applaud her concern.

More than any other number of repetitions of the self-congratulatory mantra of "excellence in research and training" which trips off the lips (and pens) of members of staff at every opportunity, THIS is the sort of thing which will make the University great, at least in the eyes of the rest of the world. Perhaps when things settle down, the University might prevail on the Government to consider following this example, with an offer of assistance to students from East Timor, or even secondment of staff to the University in Dili (if it still exists).

In the unthinkable event that the killing in East Timor continues, I hope that Roseworthy can accommodate some of those who survive, so that at least a few people from East Timor will know that ordinary people here don't subscribe to the sentiment expressed by Samuel Clemens when he facetiously wrote, "In statesmanship get the formalities right, never mind about the moralities".

Dr D Coleman
Roseworthy Campus

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GRANGE: 1 br flat in divided old house. Close to beach, transport, no pets, suit student. Ph Alex 8356 9774 or email: <alyxmac@senet.com.au>.

HOUSE SITTERS: Married couple, reliable, non-smokers will care for pets, maintain house and garden. Available end Nov - end Jan 2000. References available. Ph 8298 1130.

KENSINGTON PARK: Tudor house suit visiting academic family. 3 br with robes, sep lounge, sep dining, 2 bathrooms, modernised

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kitchen. Avail now. \$260 pw. Ph 8332 2503.

ST GEORGES: Fully renovated, 3 br courtyard home, b-in robes, 2 bathrooms, heating/cooling, security, double garage. \$350 pw. Ph 0411 188 850.

WANTED: 2 visiting academics from Edinburgh require furn accomm from 20 Sept - end Nov. Prefer near city. Ph 8303 5475.

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HONDA CITY: 5 speed sedan or van, air cond, new duco and tyres, all books, carefully maintained. UXD 785. \$3,000. Ph 8267 3515.

HOUSE: Coromandel Valley - solid brick home, 4 br &

studio, in-ground pool, lge low maintenance block, peaceful setting near creek. Private sale. Ph 8270 3050.

MISC: Pine wooden desk, \$180. Simpson chest freezer, \$100. Exercise bike, \$50. 1930s mirrored sideboard, \$600. Stech 52" piano, black, \$2,500. Piano chair, Rosewood \$80. Sanyo microwave, \$50. Table, drop side, old, \$320. English 3/4 size violin, bow & case, \$300. Ph Ron 8303 5227 or 8344 8641 (ah).

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Project Endeavour update

Project Endeavour is moving positively towards its initial milestones of:

- defining the new business processes and information systems to support Human Resources, Finance, Student Administration; and
- implementing the Payroll, General Ledger, Accounts Payable and Purchasing modules of PeopleSoft and the Research Master system.

The Project Teams are now focused on establishing the appropriate mechanisms to support staff across the University after the implementation of the new systems. To this end, two roles have been identified to perform critical communications and support functions within a Faculty—those of Change Facilitator and Super User.

Change Facilitators will be responsible for the ongoing communication of change objectives associated with Project Endeavour and for obtaining feedback from colleagues to ensure issues and concerns are addressed by Project Team Leaders and/or members before and after implementation of each system.

Super Users will support the day-to-day users of the new systems and processes following implementation. They will be the first point of contact for staff for any problems and will provide a critical coaching/mentoring role.

Change Facilitators and Super Users have been identified in consultation with

Faculty heads and will undergo initial training during September and October.

The specific milestones for each of the Project Teams for the period September - January 2000 are:

HR/Payroll:

6 September 1999: Parallel Test No. 1 Commenced

30 September 1999: Parallel Test No. 2 Commences

8 November 1999: Payroll System Goes Live

Financial Systems:

8-24 September 1999: Conference Room Pilot No. 1

19-25 October 1999: Conference Room Pilot No. 2

November 1999: User Training Commences

January 2000: General Ledger, Accounts Payable, Purchasing Go Live

Student Administration:

30 June 1999 - 19 October 1999: Institutional Setup

5 November 1999: Campus Community Goes Live

Research:

September 1999: Conference Room Pilots

16-22 November 1999: User Acceptance Testing

9 December 1999: Go Live

RECENT ACHIEVEMENTS

A briefing on Project Endeavour was given to the VCC by the Project Director on 18 August, outlining Project progress and the roles of Super Users. Briefings have been given to Faculty Deans and Divisions by the Project Director and team members.

Data conversion/migration for HRMS is complete.

The Financial systems team has started to present to the Super Users and Reference Group an overview of the PeopleSoft Purchasing module.

The Research team has started negotiations for the purchase of Research Master software.

The Student Administration team is currently defining how it will undertake future business processes using the PeopleSoft software.

The Organisational Change Management team has developed Training and Communications plans to support all of the systems implementations occurring October 1999 to March 2000.

If you'd like to know more about Project Endeavour please visit the Web site at: <<http://www.isb.adelaide.edu.au/mis2001/>> or email: <project.endeavour@adelaide.edu.au>.

University to host international conference in applied computer science

Dr Friedrich Recknagel, Department of Soil and Water, has been appointed as chair of the International Scientific and Organising Committee for the 2nd International Conference on Applications of Machine Learning to Ecological Modelling (AMLEM) to be held in Adelaide from 27 November - 1 December 2000. The decision was made at the first AMLEM Conference in Toulouse, France in November 1998, where Dr Recknagel was invited as a keynote speaker. The successful bid to host this conference in Adelaide is in recognition of the pioneering work of Dr. Recknagel's Aquatic Ecology Research Group in the area of predictive modelling of freshwater ecosystems by fuzzy logic, artificial neural networks and genetic algorithms.

The conference will focus on innovative research areas such as ecological data mining and hybrid ecological modelling by state-of-the-art machine learning techniques.

The conference will be organised in close collaboration with the National Research Centre for Aquatic Ecology at University Paul Sabatier in Toulouse and is sponsored by the International Society for Ecological Modelling (ISEM).

Professor Sven-Erik Jorgensen, ISEM President and Editor-in-Chief of the prestigious journal "Ecological Modelling" and Professor Peter Angeline, President of the International Society for Evolutionary Computation will be keynote speakers at the conference.

Detailed information on this conference can be found at: <http://www.waite.adelaide.edu.au/Soil_Water/Machine_Learning_Conference.html>.

MONDAY 20 SEPTEMBER

1.00pm Microbiology & Immunology Seminar: An Adelaide innocent in the world of Silicone Valley biotech by Dr C Juttner (Medical Director, MedVet Science). Library, 5th Floor, Medical School South.

1.00pm Clinical & Experimental Pharmacology Seminar: Synergistic effects of anti-oxidants by Dr Dale Gerke (Private dental practitioner). Seminar Room, 6th Floor, Medical School North.

1.10pm History Staff/Postgraduate Seminar: They Didn't Have Much to be Happy About: How Australian Soldiers saw Korea in the Korean War by Mr Richard Trembath (Uni of Melbourne). Common Room 420, 4th Flr, Napier Bldg.

4.00pm Applied & Molecular Ecology Seminar: Genetics of *Bacillus thuringiensis* in cotton bollworm, *Helicoverpa armigera*, and diamondback moth, *Plutella xylostella* by Mr Mahmood Ahmad (Final PhD Seminar). Charles Hakwer Conference Centre, Waite Campus.

4.00pm Soil & Water Seminar: Restoration of floodplain wetlands at the Lower River Murray: From the ecosystem to the landscape scale by Friedrich Recknagel. Rm 301, Prescott Bldg, Waite.

TUESDAY 21 SEPTEMBER

12noon Child Health Research Institute Seminar: Epithelial Pathophysiology and Barrier Function by Dr Ross Butler (Gastroenterology, WCH). Child Health Research Institute, Seminar Room, 7th Floor, Rieger Building, WCH. Light refreshments.

2.00pm ARCHSS Seminar: Queer Sovereignities: Indigenous and Sexual Identity Politics in Australia by Dr F Nicoll (ARC Postdoc Fellow). Room G08, Napier.

6.30pm AIIA Seminar: For Whom are the Weapons? Revisiting the Work of

COMING EVENTS

September 20th — October 1st

Reinhold Niebuhr by Dr Mary Maxwell (Former President, AIIA [SA Branch]). Union Cinema, Union House.

WEDNESDAY 22 SEPTEMBER

12.30pm General Practice Teaching Unit Seminar: Make the Patient Your Partner by Dr Bob Moorhead. South Wing Seminar Rooms, Modbury Public Hospital.

1.10pm Horticulture, Viticulture & Oenology Seminar: Interactions of phylloxera with resistant and susceptible grapevines by Ms Alison Kellow (HVO). Plant Research Centre Auditorium, Waite.

1.10pm Genetics Seminar: Title to be announced, by Dr G Goodall. Seminar Room, Ground Floor, Fisher Building.

2.00pm ARCHSS/English Seminar: How to Turn your Thesis into a book by Ms Marion Halligan and Eva Sallis. Council Room, Level 7, Wills Building.

3.00pm Biochemistry Seminar: Earlier Cardiovascular Development by Dr Paul Krieg (Developmental & Cellular Biology, University of Texas). Seminar Room, 2nd Floor, Darling Building.

4.00pm Physiology Seminar: Oxidation and atherogenesis by Professor Roger Dean (Heart Research Centre, Sydney). Seminar Room N416-417, Medical School North. Refreshments served afterwards.

THURSDAY 23 SEPTEMBER

12noon HCCR/IMVS Seminar: Early Development of Heart and Blood Vessels by Prof P Krieg (University of Arizona). Verco Theatre, IMVS.

1.00pm Chemical Pathology Seminar: Flinders Uni Biomedical Engineering support for research activities at WCH by Dr Homer Nazeran (Flinders University). Seminar Room 1, 4th Floor, Clarence Rieger Building, WCH.

6.00pm CISME Seminar: Education in a United Europe by Prof W Mitter (President, World Association for Education Research). Council Rm, Level 7, Wills.

FRIDAY 24 SEPTEMBER

1.00pm Asian Studies Seminar: Ecology and Development in North China by Prof Martin Williams. Room 518, Ligertwood Building.

1.10pm Elder Conservatorium Lunch Hour Concert: Peter Handsworth - clarinet, Stefan Ammer - piano. Works by Schumann, Berg, Francaix and Rossini. Admission \$2 at the door. Elder Hall.

4.00pm Obstetrics & Gynaecology Seminar: Pest animals: is fertility control the answer? by Dr Bob Seamark (Vertebrate Biocontrol CRC). Seminar Room, 6th Floor, Medical School North.

MONDAY 27 SEPTEMBER

1.00pm Microbiology & Immunology PhD Report: Mutation studies on murine leukaemia virus pre-integration complex to promote nuclear importation in non-dividing cells by Budiman Bela. Library, 5th Floor, Medical School South.

2.00pm Social Inquiry Seminar: The changing employment relationship in the UK: work roles, skills, management

strategy, unionism and ideology by Michael Rose. Seminar Rm, 3rd Flr, 10 Pulteney St.

TUESDAY 28 SEPTEMBER

6.30pm AIIA Seminar: Australian Trade Policy and APEC by Trevor Peacock (Regional Director, Foreign Affairs & Trade Dept). Union Cinema, Union House.

WEDNESDAY 29 SEPTEMBER

1.10pm Horticulture, Viticulture & Oenology Seminar: Report on study tour of viticultural regions of Oregon, USA by Mr Bob Barrett (HVO). Plant Research Centre Auditorium, Waite Campus.

1.10pm Genetics Seminar: Title to be announced, by Dr Tony Brumby. Seminar Room, Ground Floor, Fisher Bldg.

4.00pm Physiology Seminar: Career Skills in Science by Drs M Nordstrom & P Buckley. Room N416-417, Med School Nth. Refreshments afterwards.

THURSDAY 30 SEPTEMBER

12noon HCCR/IMVS Seminar: Macrophages, cytokines and skeletal pathology by Dr D Haynes. Verco Th., IMVS.

1.00pm Chemical Pathology Seminar: Medicine in India by Dr PJ Kuruvilla (GP). Seminar Room, 4th Floor, Clarence Rieger Building, WCH.

1.10pm Physics & Mathematical Physics Seminar: How do the copper oxides superconduct? by Dr Mukunda P Das (ANU). Kerr Grant Lecture Theatre.

FRIDAY 1 OCTOBER

1.10pm Elder Conservatorium Lunch Hour Concert: Elder New Music Ensemble, Grahame Dudley - Director. Admission \$2 at the door. Elder Hall.

SITUATIONS VACANT

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

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

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

DIRECTOR, TECHNOLOGY MANAGEMENT

Master of Science and Technology Commercialisation

Institute for Information Technology and

Telecommunications (IITT) and Faculty of Engineering, Computer and Mathematical Sciences

(Ref: 7135)

Salary \$71,442 - \$78,706

The position is available immediately for a period of three years. Further details from Professor R Coutts, tel (08) 8303 5075 or 0414 477 766. The selection criteria from Joanne Groat, tel (08) 8303 3329. Applications close by 1 October 1999.

LECTURER/SENIOR LECTURER

(Ref: 7131) (Tenurable)

Dental School

Salary: \$48,435 - \$57,518/\$59,332 - \$68,415 + Clinical Loading \$7,976

The position is available from 1 January 2000. Further details from Professor A John Spencer, Dental School, tel (08) 8303 5438, fax (08) 8303 4858. Applications close by 30 October 1999.

RESEARCH ASSOCIATE

(Ref: 7134)

Dental School

Full-time salary: \$37,779 - \$46,013 + Clinical Loading \$7,976

The position is available from 1 November 1999 on a 0.6 FTE basis until 30 June 2000, in the first instance with the possibility of further renewal. Further details may be obtained from Professor AJ Spencer, tel 8303 5438. Applications close by 5 October 1999.

TRAINING OFFICER

(Ref: 6601)

Information Technology Services

Salary: HEO7 \$42,760 - \$47,973

This continuing position is available immediately. Further details about the duties of the position, including a duty statement and selection criteria may be obtained from Ms Ky Jackson, tel 8303 5716. Applications close by 27 September 1999.

RADIO PRODUCER, 5UV SA FEDERATION PROJECT

(Ref: 7151)

University Radio 5UV

Full-time salary: HEO4 \$30,736 - \$33,808

This fixed-term position is available from mid October for a period of six months on a 58.8 hours per fortnight basis. Further details may be obtained from Deborah Welch, tel 8303 5000. Applications close by 1 October 1999.

COMPUTER SYSTEMS CO-ORDINATOR

(Ref: 7140)

University Radio 5UV

Full-time salary: HEO4 \$30,736 - \$33,808

This fixed-term position is available from 11 October 1999 for a period of twelve months on a 36.75 hours per fortnight basis. Further details from Deborah Welch, tel 8303 5000. Applications close by 29 September 1999.

GENERAL NOTICES

Bank Account for Salary Payments

The University is in the process of implementing a new Human Resource/Payroll System which will become effective later this year.

Direct credit of net salaries into bank accounts has been available for over 10 years and is a more efficient and secure method of payment than issuing cheques. Salary deposits can be accessed prior to 9am on the pay day, whereby financial institutions require a three day clearance on cheques. Provided correct bank/building society/credit union account details are supplied to the Payroll Office the salary payments cannot be lost or deposited incorrectly.

In order to facilitate effective change over to the new system, the University has adopted a new policy that all employees will require an account with a Bank/Credit Union/Building Society for direct credits of salary.

Departmental Managers and Finance Officers are asked to ensure that new staff (especially casual staff) complete a BANK CREDIT AUTHORITY form, available on the Web at: <<http://www.adelaide.edu.au/HR/forms.htm>>, when they commence duty to ensure that there are no delays in salary payments to staff in their area.

Should you have any queries contact Doris Riffel phone 8303 6378) or Karen Jenkins (8303 6256), Project Endeavour Office.

STEVE DAYSH
General Manager,
Human Resources

DAVID CARVER
Financial Controller

Special Studies Program

Special Studies commencing in the period July - December 2000.

Applications are now invited for Special Studies commencing in the **second half of 2000**. Applications from Human Resources (ext 35666 or 35177) or via our Web Page: <<http://www.adelaide.edu.au/HR/services/fsspapp.htm>> and should be returned through the Head of the Department **no later than 30 September 1999**. The supporting statement on page 4 of the application must be completed by the Head of the Department and Heads are reminded that in accordance with Paragraph 2.1.6 of the Special Studies Program Policy they are asked to comment specifically on both the academic justification for the program and itinerary, and the implications in terms of the teaching, examining and administrative needs of the Department. All applications should be considered by the Departmental Committee before submission.

Under the terms of Paragraph 2.1 of the Policy all applicants will be required to justify the period of Special Studies sought, irrespective of the length of the period involved.

Enquiries to Julie Raeck Human Resources, ext 35177.

STEVE DAYSH
General Manager, Human Resources

Australian Skeptics Eureka Prize for Critical Thinking

The Australian Museum has invited the University to nominate candidates for the Australian Skeptics Eureka Prize for Critical Thinking to be awarded in 2000.

This Prize, which has a value of \$10000, is awarded for work by a scholar under the age of 35 that "investigates beliefs/values/ understandings that owe little or nothing to the scientific method".

Past winners and finalists have been drawn from a range of disciplines and have submitted work spanning hypnosis, commercial forecasting, evidence-based medicine, media influence, risk perception, the course of evolution and challenges to scientific method itself.

Contact Peter Franklin, Office of the Deputy Vice-Chancellor (Research), ext 33242 or their Faculty Office by 31 October.

Coloured campus maps

Campus maps are due for their annual update.

Please check your department's listing on the relevant North Terrace, Waite, Roseworthy or Thebarton Campus maps.

Provide a photocopy of the appropriate portion of the map and index, clearly highlighting the proposed corrections and alterations.

Please forward this information to Brenton Kalz, Property Services Branch.

The deadline for correction submissions is Friday 12 November 1999.

Dental treatment for staff and students

Emergency and routine treatment is available at the University's Colgate Australian Clinical Dental Research Centre. Concessions are available for holders of University Cards. Set fee first appointments. For appointments ring - 8303 3436. Address: 2nd Floor, Adelaide Dental Hospital, Frome Road, Adelaide 5000 (next to Medical School).

Missed the deadline?

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

University Staff Card

Some staff have experienced problems with their Staff Card. In particular, the University Crest and other printed elements are rubbing off.

New, high quality cards printed by Schlumberger in France have now arrived in the Card Centre.

If you wish to exchange your card for one with a much more durable finish, just bring the original to the Card Centre, Hughes Plaza (next to Security) and we will give you a new one - free of charge.

Any funds you have placed on the electronic purse of the card should be used before you come and collect your replacement card.

Enquiries to Allison at the Card Centre, ext 33363 or email: <cards@cardcentre.adelaide.edu.au>.

Impact Resistant Badge Holders - Perfect for Your University ID Card

Credit card size. Made of impact resistant plastic to protect the card from occasional damage due to impact, shocks etc. Transparent material. Comes with alligator clip which holds ID firmly to shirt or coat pocket. Can also be used with ID neck cord or chain. ID card can be removed from holder easily for inspection into any access control equipment without bending or damaging card.

Cost: \$3.50 each. Bulk orders - Price on application. Can be purchased from the Card Centre, Hughes Plaza, ext 33363.

Counselling Centre

WORKSHOPS

Improving Sleep; Developing a Lifestyle That Reduces Stress and Worry; Learn Deep Relaxation; The Perfect Procrastinator; Overcoming Shyness; Effortless Exams.

Lunchtimes - free. Booking on 8303 5663 or call in.

DAILY DROP IN SERVICE

1.00pm - 2.30pm. Brief consultations only. No appointment required.

Ground Floor, Horace Lamb Building

URRBRAE HOUSE

EXHIBITION

Until 17 October
AN EXHIBITION OF
BRONZE SCULPTURE

Liquid Metal Studios

Open Tuesday - Sunday,
10.00am - 4.00pm

Enter from Fullarton Rd,
follow 800 metre driveway to
carpark

EMPLOYMENT INFORMATION

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.

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: 1081 HEO8, Information Technology Services; 3887 HEO8, Professional & Continuing Education; 4074 HEO7, University Radio 5UV; 3659 HEO6, Road Accident Research Unit; 9897 HEO6, Research Branch; 6867 HEO4, Student Administration Branch; 1985 HEO3, Medical Education Unit; 3382 HEO3, SATAC.

HUMAN RESOURCES DEADLINES FOR ADELAIDEAN

For the *Adelaidean* of 4 October 1999, advertising paper work must be received in Human Resources by 17 September 1999.

For the *Adelaidean* of 18 October 1999, advertising paper work must be received in Human Resources by 1 October 1999.

FACULTY OF HEALTH SCIENCES MEDICAL SCHOOL

Call for Nominations

The Alice Davey Award

The Alice Davey Award has been established for the purpose of fostering the development of research in the field of Sudden Infant Death Syndrome in memory of Alice Grace Davey who died of Sudden Infant Death Syndrome in 1994.

- The Award consists of a medal and a monetary award, the annual value of which is subject to the availability of funds as determined by the Medical School, Faculty of Health Sciences.
- The successful recipient shall be the individual who has contributed the most meritorious recognised scholarly work relevant to SIDS research or who is deemed to have the potential to make a significant contribution to the field of SIDS research.
- Individuals who are, or who were at the time of undertaking the research, a student, staff member or title holder of the University of Adelaide, shall be eligible to apply.
- Nominations are called for annually by the Medical School, Faculty of Health Sciences and the closing date for the Award is 8 October.
- Nominees will be required to provide a brief statement outlining the significance of the research contribution, or potential contribution, to the advancement of knowledge in the field of Sudden Infant Death Syndrome.

Please forward Nominations and supporting documentation to: Mrs Stella Richards, Committee Secretary (Medicine), Medical School Office, University of Adelaide, Australia 5005 by 8 October 1999.

A copy of the rules is available on request.

Council Election: 30 November 1999

As the result of the retirement of Mr David Williams, nominations for election to fill a casual vacancy on the University Council, for a member elected by the General Staff of the University to serve for the period 1 January 2000 to 5 March 2001, are now being called.

Council members elected by the General Staff are themselves required to be members of the General Staff.

A nomination must be made on the prescribed form, and must reach the Returning Officer at the University before 12 noon Friday 22 October 1999. For nomination forms and further information call 830 35871.

All continuing/contract General Staff of the University are eligible to vote in elections of Council members by the General Staff.

REX HANNEY
Returning Officer

Observer places available at UN conference

Observer places will be available at a major United Nations conference which will help set the future of world food trade and standards: 11 - 15 October, Sofitel Hotel, Melbourne.

The events would be relevant to those with an interest in international trade, law, aid and development as well as food technology, agricultural research and related UN issues.

Details: <<http://www.fao.org/events/default.htm>>. All observers/visits are required to pre-register for the conference: <codex.contact@affa.gov.au>.

RESIDENTIAL TUTORS and SCHOLARSHIPS

Applications are invited for eight Residential Tutor positions and for Scholarships at St Ann's College in 2000.

Residential Tutors are expected to offer academic and social leadership and pastoral care to 150 male and female students from all three universities. Tutors also provide some administrative services outside office hours.

Scholarships for remission of up to half fees are available for outstanding undergraduate and graduate students resident in the College.

Applications for the above should be sent to the Principal by 5 October 1999.

Details: Principal's Secretary, St Ann's College Inc, 187 Brougham Place, North Adelaide, SA 5006. Tel: (08) 8267 1478, fax (08) 8267 1903, email: <stanns@senet.com.au>, web site: <http://www.adelaide.edu.au/St_Anns/>.

PUBLIC HEALTH - 2000

- GRADUATE DIPLOMA IN PUBLIC HEALTH
- MASTER OF PUBLIC HEALTH
- DOCTOR OF PHILOSOPHY

The Department of Public Health at the University of Adelaide offers a multi-disciplinary postgraduate program in Public Health to prepare graduates for careers in public health or to broaden the public health orientation of the current work of those with established careers.

The teaching aims to stimulate students to think creatively about the distribution and causes of health and illness in populations, and about policies and practices which support and improve the health of the public.

- The Graduate Diploma in Public Health consists of course work and can be completed in one year of full-time study or two years of part-time study.
- The Master of Public Health consists of course work and a substantial thesis or a dissertation and can be completed in two years of full-time study or four years of part-time study.

Applicants to these two courses may have a degree in any discipline relevant to public health. In exceptional circumstances, persons without degrees but with significant experience may be considered.

Within each award, it is possible to specialise in policy, health promotion, ethics and law, environmental health, or epidemiology and biostatistics.

- The Doctor of Philosophy is available to students who have qualified, at a high level, for an honours degree or equivalent at an Australian University, and who satisfy the department's expectations. Exemptions to the usual academic requirements may sometimes be made on the basis of appropriate experience.

NB: An Information Evening about these programs will be held Friday October 15 1999 from 5.30pm to 7.00pm in the Seminar Room, Level 6, Bice Building, Royal Adelaide Hospital. Intending applicants are encouraged to attend.

For further details and application forms, please contact Ms Peggie Chu-Clark, Department of Public Health, University of Adelaide, Australia 5005, telephone (08) 8303 3572, or facsimile (08) 8223 4075 or e-mail <pchuclark@medicine.adelaide.edu.au>. Applications for the 2000 courses close on Friday November 12 1999.

World Wide Web URL: <<http://www.health.adelaide.edu.au/PublicHealth/>>.

STUDIES IN OCCUPATIONAL HEALTH & SAFETY

The Department also offers a graduate program in Occupational Health & Safety Management, on-campus and in distance mode. Enquires should be directed to Dr Richie Gun on (08) 8303 3561 or Dr Dino Pisaniello on (08) 8303 3571.

FACULTY OF HEALTH SCIENCES RESEARCH COMMITTEE

Undergraduate Medical Research Vacation Scholarships for 1999-2000

The University of Adelaide offers Vacation Scholarships to provide undergraduate students with an opportunity to participate in medical research projects. These projects are to be carried out during the summer vacation. The Scholarships are tenable up to a maximum of eight weeks during the vacation. The stipend will be \$150 per week. The final 2 weeks payment will be made only after the receipt of a satisfactory report in the form of a short, scientific communication (including an abstract). In addition, awardees would be expected to give a verbal presentation within the Department or on a Faculty-organised basis.*

Projects can be carried out in University Departments, the IMVS and affiliated hospitals which provide appropriate facilities. They are to be supervised by an appropriate research worker or clinician who is required to supply a written agreement regarding his/her ability and willingness to provide the necessary supervision.

ELIGIBILITY

The Scholarships are open to undergraduate students of the University of Adelaide. Applicants should have successfully completed at least two years of their course at the time the scholarship commences.

All arrangements for acceptance and supervision by a University department must be made by the applicant who may only hold one scholarship at any one time. As a rule, the project will be undertaken individually; however, consideration will be given to applicants who may elect to work in pairs on a particular project if such an arrangement has the approval of the relevant Head of Department.

PARTICIPATING DEPARTMENTS

The Vacation Scholarships may support Medical Research in the following Departments: Anaesthesia & Intensive Care, Anatomical Sciences, Biochemistry, Clinical & Experimental Pharmacology, Clinical Nursing, Dental School, General Practice, Genetics, Medicine, Microbiology & Immunology, Obstetrics & Gynaecology, Orthopaedics & Trauma, Paediatrics, Pathology, Physiology, Psychiatry, Psychology, Public Health and Surgery and any other departments undertaking biomedical research.

For further information and application procedures contact Mrs Stella Richards, 8303 5274. Completed applications should be addressed to: Mrs Stella Richards, Committee Secretary (Medicine), Faculty of Health Sciences Research Committee, Medical School, University of Adelaide, Australia 5005

CLOSING DATE

Applications will close at the Medical School Office on Thursday 14 October at 4 pm.

* It is the supervisor's responsibility to affirm that the student has given or will give this presentation.

**C O U N C I L
N E W S**

This new column is to inform the University community about Council's business and will be published in the *Adelaidean* after each Council meeting.

Council met on 13 September and:

- approved arrangements for an election by the General Staff to fill a casual vacancy on Council that will follow from the retirement of David Williams in December
- noted various matters reported for information by the Vice-Chancellor, in particular regarding
 - DETYA's Profile Team's recent visit to the University for annual discussions and its assurance that our medical student intake will not be cut as a result of the new medical school in North Queensland
 - developments concerning the Santos School of Petroleum Engineering, including overseas interest
 - the University's recent success in this year's round of ARC IREX grants
- endorsed, for the guidance of Council members, and subject to further refinement, guidelines for dealing with conflicts of interest
- approved University Budget Preliminary Estimates for 2000, and a general Budget policy for 2000-2002 (the Budget will be released to the University community shortly)
- endorsed an outline of themes and broad strategies for the University's activities over the next five years, as a basis for developing the Operational Plan for 2000-2004
- received a presentation on a proposed new visual identity to assist in the building of an excellent local, national and international profile.

The Council agenda, non-confidential minutes and reports to Council from senior managers are available to staff at <<http://www.adelaide.edu.au/secretariat/council/1999/meetings.htm>>.

LUMINIS SNAPSHOTS



Luminis Pty Ltd is the Commercial Company for the University of Adelaide

What Almost Every Student Dreams About !

A Stint of Industry Experience in a Brewery

Recently the Department of Chemical Engineering approached Luminis for assistance in finding an industry partner to assist with some filtration experiments.

An approach was made to Dr Tim Cooper at the Coopers Brewery.

It is not possible at this time to detail the specific technology, however the net result was an offer of space in the brewing cellar for the apparatus, the provision of 1000 litres of un-filtered beer, and the assignment of two fourth year students and one post grad for a four week stint to conduct the tests.

Concerned about the students' "well-being", Business Development Manager Paul Szuster paid a visit to the Kensington establishment earlier this month. The three students were found in the depths of the brewing cellar busy taking samples and putting them to the test.

The Production Manager, Mr Nick Sterenberg (pictured with, from left to right, postgraduate, Maria Marquez, and students Simon Hunt and Morgan



Hutt) reported that the students were diligent, focused, self-motivated—and sober.

Glowing compliments are very satisfying, and the three representatives of the Chemical Engineering Department are to be congratulated for

being such good ambassadors.

In conclusion we must thank the management of Coopers Brewery for their support of this particular project.

PAUL SZUSTER

Business Development Manager
Luminis

Research Branch Update

Notice to holders of Australian Research Council (ARC)

Large Research Grants 1998 funding

Advice has now been received in Research Branch that requests to carry unspent funds forward from 1998 to 1999 has been approved.

Should you have any queries please contact Vada Osborn on extension 33387 or email <vada.osborn@adelaide.edu.au>.

CSIRO DIVISION OF HUMAN NUTRITION AND THE UNIVERSITY OF ADELAIDE Collaborative Grants Program 2000

The University of Adelaide and CSIRO Division of Human Nutrition are offering \$100,000 between them, to encourage collaborative research projects between members of the two agencies as well as industry or international collaboration. Links with international research institutes in food, nutrition and health are strongly encouraged, particularly in the Asia Pacific region. Projects with the potential to lead to more significant research programs that would have the capacity to attract external funding and support from the food industry are also strongly encouraged.

An amount of up to \$20,000 for one year will be awarded to successful applicants.

The application proforma is available on the Research Branch web site: <<http://www.adelaide.edu.au/RB/>>.

Closing Date: 11 October 1999. Enquiries: Daniela De Nichilo, tel 8303 5051; fax 8303 3700, email: <daniela.denichilo@adelaide.edu.au>.

RESEARCH AND SCHOLARSHIPS AND OTHER FUNDING SCHEMES

Research Grants & Fellowships

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

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

Australian Greenhouse Office - Expressions of Interest: Household Greenhouse Action Grants: Internal closing date: 20 Sept 1999. Web site: <<http://www.greenhouse.gov.au>>.

National Human Genome Research Institute, USA: NIGMS - Evolutionary Mechanisms in Infectious Diseases - Grants: Internal closing date: 20 Sept 1999. Web site: <<http://www.grants.nih.gov/grants/guide/pa-files/PA-99-147.html>>.

Rural Industries Research & Development Corp - Research Grants (various): Internal closing date: 20 Sept 1999. Web site: <<http://www.rirdc.gov.au>>.

Alzheimer's Disease and Related Disorders Association of Australia - 1999 Dementia Research Grants: Internal closing date: 23 Sept 1999.

Aust Academy of Science - Maxwell Ralph Jacobs Fund 2000: Internal closing date: 23 Sept 1999. Web: <<http://www.science.org.au/awards/awards.htm>>.

Australian Institute of Nuclear Science and Engineering Inc - 2000 Series AINSE Grants : Internal closing date: 23 Sept 1999. Web site: <<http://www.ansto.gov.au/ainse/ainse1.html>>.

Canadian High Commission
• Canada-Asia-Pacific Award in Canadian Studies (CAPA)
• Faculty Enrichment Program (FEP)
• Faculty Research Program (FRP)

Internal closing date: 23 Sept 1999. Web site: <<http://www.uq.edu.au/~entkoo/index.html>>.

Dried Fruits Research & Development Council - Call for R&D Project Applications: Internal closing date: 23 Sept 1999.

Grains Research & Development Corp - Conference Support 1999-2000: Closing date: 23 Sept 1999. Web: <<http://www.grdc.com.au/info-paper/grinfo.htm>>.

Grains Research & Development Corp - Travel/Conference Attendance 1999-2000: Internal closing date: 23 Sept 1999 (for the 6 months January 2000 to June 2000). Web site: <<http://www.grdc.com.au>>.

Practical Experiences in Professional Education Inc - Seeding Grants: Internal closing date: 23 Sept 1999.

Clive & Vera Ramaciotti Foundations - Travel Awards: Internal closing dates: 23 Sept & 17 Dec 1999.

Royal Society of NSW - 1999 Edgeworth David Medal & Clarke Medal: Internal closing date: 23 Sept 1999.

Prostate Cancer Foundation of Australia - Travel Grants: Internal closing dates: 24 Sept 1999 & 23 March 2000

Sugar Research & Development Corporation - Preliminary Project Proposals: Internal closing date: 24 Sept 1999

The Commonwealth Fund - Harkness Fellowships in Health Care Policy 2000/2001: Internal closing date: 24 Sept 1999. Web site: <<http://www.cmf.org>>.

Australian Academy of Science - Scientific Visits to Europe in 2000-2001: Internal closing date: 24 Sept 1999. Web site: <<http://www.science.org.au/internat/exchange/eurovis.htm>>.

Pig Research & Development Corp - Postdoctoral Research Scholarships: Internal closing date: 24 September 1999.
Training & Development Awards: Internal closing dates: 24 Sept 1999.

Scholarships

Unless otherwise stated, information and applications are available from the Student Information Office, Level 4, Wills Building, or call ext 33044/35697/35271. Please lodge all applications with the Student Information Office unless otherwise stated.

Anti-Cancer Foundation SA Vacation Scholarship 1999/2000: Open to undergraduates who have completed at least two years of their course and who are interested in participating in research projects directly related to cancer. Tenable for 6-8 weeks at universities, teaching hospitals or research institutes during summer vacation. Value: \$150 pw. Further details available. Closing: 24 September (ACF)

Adelaide Summer Research Scholarships: Available for students to undertake a research project for six weeks during the 1999/2000 summer vacation at the University of Adelaide. They are to encourage advanced undergraduate students to consider undertaking postgraduate study leading to a career involving research. Value: \$900 + allowance for interstate students. Applications available on request or from the website at <<http://www.adelaide.edu.au/GSSO>>. Closing: 15 October (SIO)

Canadian Travel Grants: Value: \$A2,800 for Masters or Doctoral candidates enrolled at an Australian university engaged in research into Canadian studies to undertake research trips to Canada. Closing: 30 September (ACT)

Coral Sea Scholarship 2000: Open to Australian citizens with relevant business experience wishing to visit the USA to investigate a problem or development relevant to Australian business or industry; and contribute to Australian-American relations. Value: \$A3,000p/m for up to three months plus travel allowance. Information & applications only from Fulbright website: <<http://sunsite.anu.edu.au/education/fulbright>>. Closing: 30 September (Canberra)

Dairy Research and Development Corporation Postgraduate Scholarships

2000: Applications available for Postgraduate Awards for research degrees leading to a PhD in a wide range of disciplines, including dairy manufacturing, farm research, industry analysis and agricultural extension. Priority is given to research degrees relevant to areas of major DRDC programs where there are shortages of trained people. Closing: 25 October (SIO)

Fulbright Awards 2000 to study in the USA: Postgraduate awards available to undertake an American higher degree or engage in research towards an Australian higher degree in any field of study. Postdoctoral Awards to undertake study/research for 3 to 12 months. Senior Scholars Awards for senior scholars and professionals of academically based professions to visit the USA for 3 to 6 months. Professional Awards for practitioners in any field who have a record of achievement and are poised for advancement to a senior management or policy roles. Information & application forms available only from Fulbright website: <<http://sunsite.anu.edu.au/education/fulbright>>.

Gastroenterological Society of Australia - Postgraduate Research Scholarships: Open to medical or science graduates under 35 years of age, wishing to gain full-time research training in clinical or basic sciences related to gastroenterology and hepatology, while enrolled in MD or PhD. Forms available from GESA, tel: (02) 9256 5417, fax: (02) 9241 4586, email: RI@racp.edu.au Closing: 1 October (NSW)

Maxwell Ralph Jacobs Fund: Available to support projects in or related to Australasia in any field of forestry science, including overseas travel. Enquiries to Janice Warren (02) 6281 3992 or Faye Nicholas (02) 6247 5777. Applications may be downloaded from <www.science.org.au/awards/awards/htm>. Closing: 30 September (ACT)

Royal Society of NSW: The Society is willing to publish abstracts (max 500 words) of MSc, MA or PhD theses in its bi-annual Journal. Fee: \$25 per abstract. Further details from Mrs M Krysko v. Tryst, Royal Society of NSW, PO Box 1525, Macquarie Centre, NSW 2113.