

# Adelaidean

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News from Adelaide University

July 2001

I N S I D E



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## Refugee focus doesn't match the facts: expert

**AROUND 50,000 people—mainly Britons and Americans—purposely overstay their visas in Australia each year and become illegal immigrants.**

Some 4000 people arrived last year in Australia by boat—mainly people from non-English speaking countries—and have also become illegal immigrants.

But the Federal Government treats these two groups vastly differently, according to an Adelaide University researcher.

Dr Don McMaster, who has completed a PhD through the Department of Politics and published a book on Australia's treatment of asylum seekers, describes the Government's treatment as verging on "racist".

"When the 50,000 or so people overstay their visa, the Government doesn't put them in an isolated detention centre in the Australian Outback," he said.

"So why are the 4000 people who arrived by boat treated differently?"

"I think their place of origin has quite a bit to do with it: those arriving by boat are mostly from the Middle East and Asia, and they quite often can't speak English. This is compared to the vast majority of people who overstay their visas; these people are mostly Britons or Americans who do speak English and who often do have that

Anglo-Saxon heritage.

"I would argue that the Government tries to paint these boat people almost as invaders, it's like a return to the days of White Australia—these people are invading us from the North; if we let these people in too easily then whole hordes will try to come in, and so on. This perpetuates an unrealistic fear of invasion and allows right wing groups such as Pauline Hanson's One Nation Party to further demonise and discriminate against this small group of asylum seekers."

According to Dr McMaster, the label "illegal" also colours public attitude towards the asylum seekers; it denotes criminality and is a form of scare-mongering and fear. He argues that there is no middle ground where the public is getting correct and balanced information on the arrivals and conditions in the Detention Centres from both the government and the media.

"The reality is that over 80% of recently detained asylum seekers have been recognised as genuine refugees," he said.

"So why is Australia, as a so-called civilised country, treating these people so harshly when the majority of them are genuinely fleeing persecution, torture and even death?"

*Continued Page 6*

## Family stress a factor in asthma, says study

A NEW study, believed to be the first of its kind, has established an important link between the quality of life of children with asthma and the level of stress in their family environment.

The study, conducted by a team of researchers from Adelaide University and the Women's & Children's Hospital, shows that the family environment can influence the way children feel about their asthma.

Asthma is the most common chronic medical condition of Australian children, with as many as one in five suffering from it.

"Illnesses such as childhood asthma occur in the context of families in which children live," said the senior author of the paper, Adelaide University's Professor Michael Sawyer (Department of Psychiatry).

"The quality of their family environment affects children's experience of their illness and the extent to which they are upset and bothered by their symptoms.

"A child with asthma who lives in a family where there is often conflict and tension between family members may be more distressed by their asthma symptoms than a child who lives in a more stable family environment," he said.

The study used standard questionnaires to evaluate the experiences of 84 children aged between 7 and 12 years, and their parents, who attended the Specialist Respiratory Clinic at the Women's & Children's Hospital, the main paediatric hospital in South Australia.

It is thought to be the first such study in which reports from children themselves have been used to examine the relationship between their perceptions of their health-



related quality of life and the functioning of their families.

"The novel aspect of this study was the collection of information about their quality of life directly from children," said Professor Sawyer.

"Increasing emphasis is being placed on obtaining information directly from children with chronic illness about the quality of their lives. In the past this information has generally been obtained from parents or clinicians, but they often don't agree with children about the quality of children's lives."

The study found that children were less bothered by their asthma symptoms if they lived in families where members had more clearly defined roles, rules for behaviour, greater interest and concern for the welfare of each other, and provided more emotional support.

*Continued Page 6*

## Vineyard planned in Glenthorne Farm handover

**GLENTHORNE Farm—the former CSIRO property at O'Halloran Hill in Adelaide's southern suburbs—is being handed over to Adelaide University by the State Government for use as a vineyard and wine research facility.**

The 200 hectare property was bought by the State Government from the Commonwealth in 1998 after it had been vacated by the CSIRO's Division of Health and Human Nutrition.

Welcoming the decision, Adelaide University's Vice-Chancellor, Professor Mary O'Kane, said the University had agreed to establish a commercial vineyard at Glenthorne in partnership with BRL Hardy.

"The partnership agreement between the University and BRL Hardy—two of the icons of the South Australian wine industry—will strengthen South Australia's position as an international leader in wine research and education," she said.

"This is a strategic, long-term investment based on sound financial principles and an assessment of the future needs of the

Australian wine industry.

"In addition to state-of-the-art laboratories and equipment at the Waite campus, the University will now have access to a large commercial vineyard managed by one of the world's fastest-growing wine companies. This will be a tremendous advantage in ensuring that the University and the South Australian wine industry stay at the forefront of viticulture and oenology research and education."

Professor O'Kane said most of the land would be put under vines and some research facilities would also be located on the site. The commercial vineyard would contribute further money for research at the University.

"We expect that the vineyard will begin to generate income for research from the third vintage," Professor O'Kane said.

"We have entered into a long-term contract with BRL Hardy for the management of the vineyard and sale of the fruit, more than 50% of which will be available to other winemakers."

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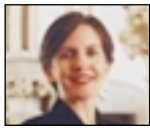


Vice-Chancellor Professor Mary O'Kane pictured at Glenthorne with the Chairman of the Friends of Glenthorne, Peter Smytheman. Photo: John Drislane.





## What good are our universities?



Why are universities important to South Australia? What do they contribute? We've not always been good at spelling out the benefits—economic and social—of universities to the community, so when an opportunity to do so arises, I'm more than pleased to seize it. One such opportunity came my way recently when, as Chair of the South Australian Vice-Chancellors Committee, I was invited to address the South Australian Business Vision 2010 Higher Education Workshop on behalf of the three universities in South Australia.

Over the past 20 years, the move to mass higher education has been part of a more general move to a knowledge-intensive community. Universities have taken on a greater importance not only for their role in imparting generic skills through a first degree but, increasingly, for their role in lifelong learning, enabling people to update their expertise or transfer their skills to new areas.

A second reason why universities are important to the economy is research and research training. In 1999, the combined research earnings of South Australia's three universities totalled \$103.8 million. Proportionately, this is well above South Australia's 8% share of the national population and underlines how the three universities punch above their weight in research terms, especially in the biosciences.

In the mid-1990s, the three South Australian universities carried out a study which showed that higher education accounted for 1% of the state's total workforce, employing more people than mining, metal manufacturing or clothing and textiles. The study showed that the three universities spent the equivalent of 1.7% of Gross State Product and that the direct and flow-on impact added more than \$1 billion to the state's economy and generated 19,000 jobs.

Universities contribute to the economy in other ways, too. They set up spin-off companies, attract conferences, generate overseas commercial exploitation of intellectual knowledge and contribute to the repositioning of the state's industries. They act as major international knowledge brokers and promote a culture of innovation that makes South Australia attractive to high-tech industries and investors. They are also major contributors to Australia's export earnings. In 1998/99, education in total was worth \$3.2 billion to the country, making it eighth on the export list behind coal, tourism, transportation services, gold, iron ore, aluminium and wheat.

South Australia's three universities also participate in a range of partnerships, both with each other and with business. They make a significant contribution to South Australia's cultural festivals (major tourist drawcards) and, through their role in attracting international students, play a valuable role in promoting multiculturalism.

The South Australian Business Vision 2010 workshop underlined the importance of winning community support for, and appreciation of, what our universities do. All three South Australian universities need that support to help deal with such challenges as the impending demographic crisis and the continuing withdrawal of public funding. Above all, we need it if we want our universities to make an even bigger impact, economically and socially, than they do at present.

MARY O'KANE

# Festival of Ideas takes the stage

THIS MONTH sees one of the most important of Adelaide's Festivals making a welcome return—the second biennial Adelaide Festival of Ideas (12-15 July).

Adelaide University is hosting most of the packed program of events, which includes a variety of speakers, local and international, on this year's themes of water, population, reconciliation, addiction/intoxication, and cosmology.

Speakers include Indian environmentalist Vandana Shiva, Australian philosopher and writer Raimond Gaita, physicist Paul Davies, US authority on artificial intelligence and robotics Rodney Brooks, former High Court Judge and President of the Human Rights and Equal Opportunity Commission Sir Ronald Wilson, award-winning and best-selling journalist Naomi Klein, Australian writer David Marr, former Prime Minister of Australia Malcolm Fraser, and TV and radio personality Julie McCrossin.

Four of the speakers hail from Adelaide University: Dr David Chittleborough (Soil & Water) and Dr Peter Gell (Geographical & Environmental Studies) will talk on "Salt of the Earth: Water, Salinity and the Limits of Growth"; Dr John Williams, senior lecturer at the Law School, will discuss "Nature's Waste: 200 years of water politics"; while the Director of the SA Museum, Affiliate Professor Tim Flannery, will chair and participate in a number of sessions, ranging from robotics to population, water resources,

culture, and West Papua's right to self determination.

The venues for the sessions will be Elder Hall, Bonython Hall, Brookman Hall, the Art Gallery Auditorium, and Adelaide Town Hall. Most of the sessions will be free.

At the launch of this year's program, Festival of Ideas founder and chair Mr Greg Mackie said the event served many purposes.

"The first is to foster a greater level of debate and discourse in Australia by providing an event which celebrates creativity, learning and the exchange of ideas in an accessible and friendly environment," Mr Mackie said.

"We also aim to bring together individuals recognised for their contributions within specific fields and to provide opportunities for greater public engagement with these speakers.

"Another aim is to recognise Adelaide as a place where creative thinking is welcomed and encouraged, and to strengthen our sense of identity as a thinking community.

"And the final aim of the Festival is to provide opportunities to challenge dominant mainstream media positions on topics of interest and relevance to the community," he said.

"In this Centenary of Federation year we draw attention to issues which were of importance to our federation founding fathers and mothers—especially water, population and Aboriginal affairs."

Mr Mackie said the Festival of Ideas was not intended to be the first, and last, word on any given topic. Instead, he hoped it would "encourage greater curiosity on part of the audience and to open the door on pathways to creative thinking".

"We may be a city on the edge of the desert, we may be in a regional and marginal economy, but we do know how to present great festivals, to embrace the new... and we do have excellent learning institutions.

"Without doubt Adelaide must become more outward focused to rise to the challenges of the future. Developing a culture which values the exchange of ideas will enhance our chances of future success, not only for our own sake, but to assert our place in the global democracy of ideas," he said.

For more information about the Festival of Ideas, phone (08) 8216 4444, or visit: [www.adelaidefestival.org.au](http://www.adelaidefestival.org.au).

The ideas don't stop at the bell.

For the sessions you missed—or those you want to hear again—tune into the Festival of Ideas on Air, on 5UV Radio Adelaide (531AM or live on the web at [www.adelaide.edu.au/5UV](http://www.adelaide.edu.au/5UV)).

Two weeks of festival highlights every lunchtime - 12 noon to 1pm. Starts Monday 16 July.

Call the station on (08) 8303 5000 for more details.

## New exhibition explores human presence

ARTIST and former scientist Annette Vincent has applied her visual art to elegantly express themes and ideas at the forefront of many current global concerns affecting humanity and its future.

An exhibition of her work, *Combinations and Permutations: the human presence in our environment*, is now on show at Adelaide University's Barr Smith Library.

This exhibition of works on paper is timely, as it ties in with the many themes of the Festival of Ideas, also being held in Adelaide this month. In fact, it was the announcement of this year's Festival that inspired Ms Vincent to seek a public display of her work.

A former research scientist with Adelaide University's Department of Surgery and the Electron Microscope Unit in the 1970s, Ms Vincent is currently a member and treasurer of the Adelaide University Women's Club.

Her chief motif in the exhibition is based on the power of the mandala, a circular form that symbolises the universe (in Hindu and Buddhist art).

"The Mandala shape can signify many things in our environment, the sun and moon, or even jellyfish and starfish," Ms Vincent said.

Another recognisable circular form is the umbrella, symbolic of its ability to "shade us from the rain or sun". The metaphor extends into the environmental and social themes Ms Vincent wishes to represent.

In tandem with the circular pattern of the mandala, Vincent's work employs the repeated images of hands, or more accurately, fingers.

"We use our hands and fingers in so many different ways; sometimes to our advantage but often to our disadvantage," she said, commenting that the impact of the human presence on our environment is a key theme of her works.

Hands, and more notably the fingers, not only act as a powerful signifier of human presence and activity in the environment,



Annette Vincent hangs one of her works at the Barr Smith Library. Photo: David Ellis.

but also evoke human social and intimate aspects, such as touching, joining, caressing, creating and subjugation.

A consummate illustrator, scientific artist and sketcher, Ms Vincent is also a master printmaker who savours the creative physicality of the process. Many of her works involved hand-printed black ink on plates, coloured with water and oil crayons. She has used this technique to explore the issue of deaths in custody, and her largest work in this series 'The DNA of Tolerance', was exhibited during the Adelaide Fringe Festival in 1996. Here the hand plates were arranged into the discernible double helix, signifying the genetic DNA all people share, despite their diversity.

A medley of influences and experiences underlie Vincent's captivating images: a housebreaking incident evoked the image of hands creeping around the door; the frustration of not being able to communicate in English with an overseas exchange student led to the use of hand signs; global warming and its associated effects are imaged in a number of her works.

These lively works have a raw yet gentle and accomplished quality that expresses Vincent's passionate vision of human life—and its creative, yet often destructive effects. But her imagery is an optimistic one: the light and colour shimmers forth, the fingers caress bright suns, sprout leaves, and support sea-dwelling life forms. Indeed, the radiant images of mandalas braided with hands seemingly promise redemption.

These striking works chart the landscape of the imagination, to portray ideas and compelling themes. It is apt, therefore, that this engaging exhibition is a visual representation of topical problems that will be discussed at the concurrent Festival of Ideas.

—edited from an article by Dr Noris Ioannou

Combinations and Permutations  
Ira Raymond Exhibition Room, Barr Smith Library until 20 July. Cost: free.

## Adelaidean



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# Drilling for oil, striking coal on campus

**IS THERE oil 150 metres below the ground in Adelaide?**

Well, no... but that hasn't stopped Adelaide University from drilling an experimental oil well on the University's North Terrace campus.

The 150-metre-deep well will be an important teaching tool and a feature of the new Santos School of Petroleum Engineering and Management, which opens at Adelaide University next year.

The drilling operation marked the early phase of construction on the school's new building, near Frome Road. The well had to be in place before work on the new building could fully begin.

The well is the first for an Australian university and one of only a few purpose-built teaching wells anywhere in the world. Students who study petroleum engineering at the school will be able to use the well for real-world experience, giving them valuable skills for the workplace.

Santos is providing \$25 million over 10 years to Adelaide University to establish the school. This includes funding for the new building, provision for scholarships, specialised teaching equipment, and the appointment of a professorial chair, the Santos Chair. The Federal Government has also contributed \$1 million to establish an additional chair, the Reg Sprigg Chair, named in honour of the late Reg Sprigg who made a significant contribution to the oil and gas industry in Australia.

"From Santos' perspective we see this as an investment in youth and in education for the benefit of the entire Australian oil and gas industry," said Mr John Ellice-Flint, Managing Director of Santos.

"The school will provide vocational



Professor Mary O'Kane and Mr John Ellice-Flint, Managing Director of Santos. Photo: David Ellis.

opportunities for young Australians in a global industry. People who are already working in the industry will benefit through continuing their education at this school."

Mr Ellice-Flint added: "Adelaide has a growing reputation as a centre for excellence in the IT industry and the school complements this. It will be able to capitalise on the opportunities provided by new technology to build strong links with other schools of excellence around the world."

Professor Mary O'Kane, Vice-Chancellor of Adelaide University, said: "The Santos sponsorship is giving us the opportunity to create something unique in South Australia. And now we see something else that's unique: a drilling rig in operation on an Australian



An artist's impression of the new Santos Petroleum Engineering building at Adelaide University

university campus.

"Students at the school can expect to benefit not only from the best expertise available, but also from some of the best equipment and training facilities available. Having authentic working equipment at the laboratory door is a great advantage during the education process, and one that will hold our graduates in high esteem in the industry.

"It is the school's intention to form strong technical links with other leading petroleum engineering schools. Good relationships have already been established with the

Colorado School of Mines and the University of Texas and we are in the process of speaking to European universities."

Santos and the University of Texas, Austin (which has one of the best-known petroleum engineering schools in the world) both provided technical advice for the design of Adelaide's teaching well.

Although no oil was found during the drilling, the professional drilling rig did strike a deposit of coal, which is common throughout Adelaide.

—David Ellis

## PROSH efforts lead to fundraising record by Adelaide Uni students

**STUDENTS at Adelaide University have raised a record-breaking \$8500 for the St Vincent de Paul Society during PROSH Week 2001.**

The money raised by the Students Association was almost double the previous PROSH Week record.

In recent years, the Association has distributed funds raised at PROSH Week to a range of organisations, including the Don Dunstan Foundation and the Anti-Cancer Foundation.

Association President Tom Radzevicius said PROSH Week traditionally provided students with an opportunity to give something back to the community—as well as take a well-earned break from study.

"This year we decided that funds should go to the welfare sector, which has a more immediate impact on students. More and more students are working part time and living away from home and, due to the inability of most to access government assistance, this places greater demand on welfare and support services.

"The Association is always looking to see where it can provide assistance to disadvantaged groups. As well as serving the needs of students, the Association is also a social organisation which deals with real issues, such as welfare and discrimination affecting both students and our society at large."

The students celebrated their record-breaking achievement at a function hosted by Vice-Chancellor Professor Mary O'Kane,



(From left) Students Association President Tom Radzevicius with Association officers Brad Kitschke, Anais Chevalier and Mark Henderson; Anna Sennis (State Youth Coordinator, St Vincent de Paul Society) and Vice-Chancellor Professor Mary O'Kane. Photo: John Drislane.

along with representatives of the St Vincent De Paul Society.

Professor O'Kane commended the Students Association on its outstanding achievement.

"This has been an extraordinary fund-raising effort. PROSH Week is a proud tradition at Adelaide University and, over the years, has

raised many thousands of dollars for worthwhile causes.

"PROSH Week 2001 was supported by the entire University community, and the Student Association deserves great credit for the way in which it organised the week's activities."

—John Drislane

## New professors



From left: Roger Seymour and Alastair MacLennan, two of our new professors.

**FIVE new professors and one clinical professor have emerged from the latest round of promotions at Adelaide University.**

Each of these new professors has a strong track record in their particular fields of research and teaching, and many of them will already be known to regular readers of the *Adelaidean*. The new professors are:

- Professor Alastair MacLennan (Obstetrics & Gynaecology): reproductive endocrinology and foeto-maternal medicine
- Professor Timothy Miles (Physiology): neurophysiology
- Professor John Randles (Applied & Molecular Ecology): plant virology
- Professor Roger Seymour (Environmental Biology): environmental physiology and biochemistry
- Professor John Wallace (Molecular Biosciences): structure/function relationships in biotin-dependent carboxylases.

In addition, Dr Leslie Cleland has been promoted from Clinical Associate Professor to Clinical Professor.



# Fulbright scholar makes it two for two

ADELAIDE University's burgeoning reputation as a world leader in the relatively new field of T-ray research has received a further boost with its two main T-ray researchers each being granted prestigious Fulbright scholarships.

Brad Ferguson has joined Sam Mickan as the only South Australians to be granted the scholarships in the last two years, with Mr Ferguson receiving his last month and Mr Mickan—who was featured for his Fulbright scholarship last year in the *Adelaidean*—receiving his in March 2000.

Both are Engineering PhD students researching different components of T-rays and their future applications, under the supervision of Director of the Centre for Biomedical Engineering Dr Derek Abbott.

T-rays—as opposed to X-rays—are light which have a frequency in the TeraHertz range (hence the 'T'), and they can be used to detect different substances with great sensitivity in ways X-rays, MRI and infrared lasers cannot.

The Fulbright exchange program was established in 1946 by US Senator J. William Fulbright as a way of promoting educational and cultural exchange between America and more than 140 countries throughout the world, with recipients able to study, research and travel in America. About 25 awards are offered in Australia each year.

Mr Mickan has already been in the US for

some months, while Mr Ferguson left for the US last month.

Both are spending their time at the Rensselaer Polytechnic Institute in New York State, which is acknowledged as having the world's best T-ray research facilities.

Mr Ferguson spoke to the *Adelaidean* before he left and said he was quite excited about furthering his research overseas.

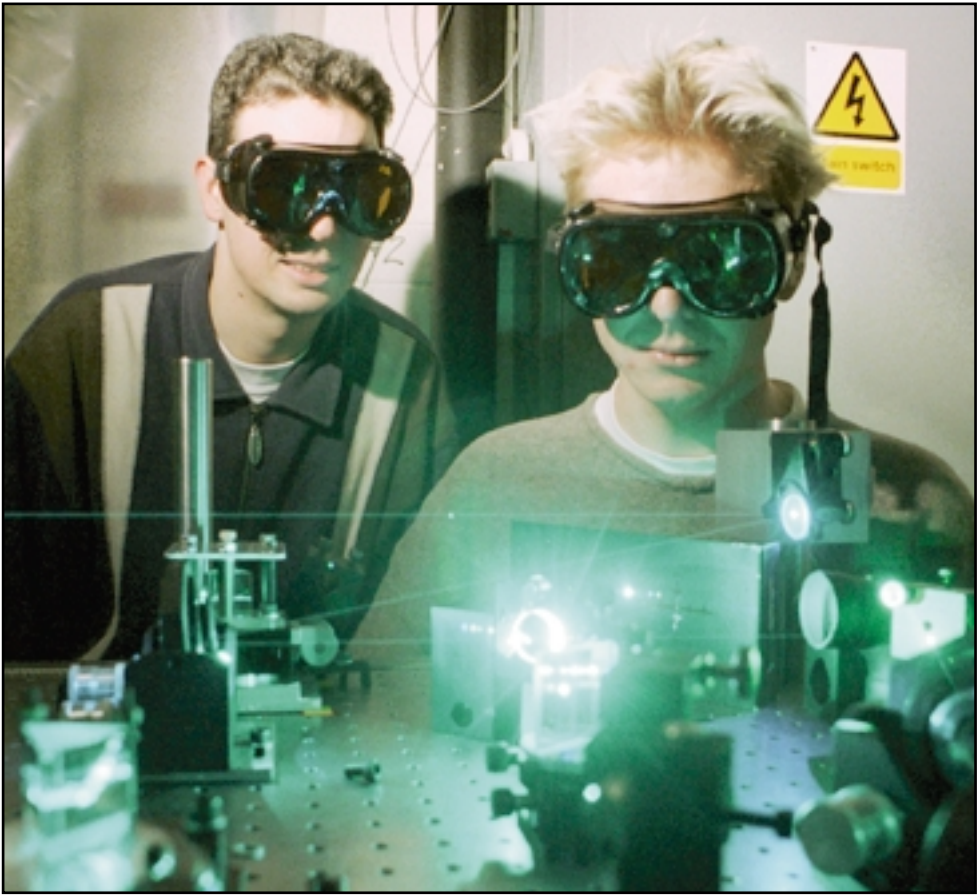
"I'll be able to do things over there that I just can't do here, but I'm looking to come back in about April next year and incorporate the things I've learnt into getting Adelaide University's T-ray lab more established," he said.

"I'm particularly interested in the bio-medical applications that T-rays could provide; we think T-rays will be excellent for detecting things like cancers that are close to the surface of the skin, and we're in the process of working out the best way of doing this."

Mr Ferguson said the Cooperative Research Centre for Sensor Signal and Information Processing, and in particular its Deputy Director, Professor Doug Gray, had also provided useful help and assistance with his research.

The next round of Fulbright scholarships is now on offer. For more information, contact Adelaide University's Scholarships Branch or visit the official Fulbright website: [www.fulbright.com.au](http://www.fulbright.com.au).

—Ben Osborne



Fulbright scholarship winners Brad Ferguson (left) and Sam Mickan, both from the Department of Electrical and Electronic Engineering, working with laser equipment at Adelaide University. Photo courtesy of *The Advertiser*.

# Robots in the home: 25 years behind computers, but catching up fast

ROBOTICS expert Professor Rodney Brooks will give a free public lecture at Adelaide University on Thursday, 12 July.

His paper is called *Robots in the Home, Short Term and Long Term*.

Professor Brooks is Director of the 230-person MIT Artificial Intelligence Laboratory in the United States, and is the Fujitsu Professor of Computer Science. He is also Chairman and Chief Technical Officer of iRobot Corp.

He received degrees in pure mathematics from Flinders University and his PhD in Computer Science from Stanford.

Professor Brooks developed the behaviour—based approach to mobile robots which iRobot Corp is now commercialising. During the last decade he has concentrated at MIT on humanoid robots and social interactions. His new research projects are aimed at building "living machines",



machines whose natural description will be that they are alive in the same sense as animals or plants.

In Adelaide for the Festival of Ideas, Professor Brooks will be giving a free public lecture at a special seminar for Adelaide's

University's Centre for Biomedical Engineering.

"During the last 25 years, computers have gone from being locked up in special rooms to mass market acceptance—most of the computers in our homes are now invisible in appliances," he says.

"Robots are 25 years behind, but are starting to break into the commercial market place.

"I will discuss the technical challenges, the ways in which robots might be used, how we will interact with them, and the impact it will have on our society."

His talk includes pictures and videos of robotic systems under development.

Thursday, 12 July, 10.10am, Room S112, Engineering South Building, Adelaide University, North Terrace Campus.

## AI skills honed for robot race

A ROBOTIC race is being staged this month by Adelaide's Department of Mechatronic Engineering and the Ngapartji Cooperative Multimedia Centre.

The race, to be held on 14 July, is aimed at sharpening Australian students' skills in artificial intelligence and microelectronics, ahead of the coming "Micro-Mouse" Asia-Pacific championships.

Micro-Mouse is the name given to a small, computer-controlled robotic vehicle. The challenge is to navigate it through a maze in the shortest possible time. That requires skills in programming, giving the mouse the right AI (artificial intelligence) to complete the job.

The winning team at this month's national "mouse meet" in Adelaide will be sponsored by the Australian Computer Society to compete in the major championship in New Zealand, up against teams from Japan, the United States and the host nation.

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## Human rights forum



The SA Chapter of the Don Dunstan Foundation presents a series of Sunday lunch seminars on the theme *Investing in our future*. Join our speakers for discussion and debate upon the values of the Foundation.

**Sunday lunch seminar—Forum, 5 August: *Human rights for people with disabilities. There's still work to be done.*** Governor Hindmarsh Hotel (The Gov), 59 Port Road, Hindmarsh (opposite the Entertainment Centre), 11.30am until 2.30pm. Price: \$20 per session (includes a light lunch). Bookings: Alison Galbreath (08) 8303 3364.

Are people with disabilities what they (we) seem to be? Is there a line between 'the able-bodied' and 'the disabled'? How can understanding of both, by each other, be improved?

At the lunch you will hear from people who live the life tell their stories and their views of 'the story'.

David Morrell will survey human rights for people with disabilities

based on 12 years of experience as an advocate. He will raise critical, but largely unknown, human rights issues affecting people with disabilities. Many of these issues are of similar magnitude to those already discussed in the public arena, such as mandatory sentencing, mandatory detention of refugees and deaths in custody.

Sandi Seymour will look more closely at upholding human rights for people with disabilities in schools. She will draw on 'big picture' experiences such as her work on a national legal standard for non-discriminatory education, and as the parent of a child who has a disability. Sandi believes passionately that education systems which include and welcome the full range of diversity in communities contribute to the making of better communities.

The speakers will allow ample time for discussion. Bring your ideas and questions about ways forward for (dis)ability.

The *Adelaidean* has two copies of Don Dunstan's *Politics and Passion* to give away! This book of Don's essays, selected from the *Adelaide Review*, was edited by John Spoehr and includes a foreword by Gough Whitlam. Published by Bookend Books, *Politics and Passion* also contains unique photos of Don rarely seen anywhere else. The first two people to call (08) 8303 5174 will win a copy of this excellent book. Just answer the question: where is the forum on human rights for people with disabilities being held?



# Ancient Greek influence just a step away

THE MAGISTRATES Court, the Art Gallery of South Australia and the Mitchell Building at Adelaide University all have something in common—they're all examples of how ancient Greek architecture has influenced the city of Adelaide.

At a recent seminar celebrating 25 Years of Greek studies at the University, classicist Dr Anne Geddes took the seminar audience on a "tour" of Adelaide, comparing it with ancient Greek sites.

She said the influence of Greek architecture on the appearance of Adelaide was "just as obvious and pervasive" as the study of Greek language and literature.

"Classical architecture has been likened to baroque music, which introduces a good theme and then varies it," Dr Geddes said.

Traditionally, there are three types of columns which hold up a Greek roof—Doric, Ionic and Corinthian—and they are all well represented in Adelaide.

"The Magistrates Court in Victoria Square has Doric columns like the Parthenon. The simple, sober manner, the impression of strength and restraint, makes it entirely suitable for the administration of justice," Dr Geddes said.

"There is Doric again on the sides of the porch of the Art Gallery."

The Erechtheum, an Ionic temple on the Athenian acropolis, not far from the Parthenon, has also influenced Adelaide architecture.

Ionic columns are "less serious than Doric columns, more elegant and feminine". It is somewhat ironic, then, that Adelaide's Freemasons have copied this more "feminine" style of architecture at the front of the Freemasons Hall on North Terrace. An Ionic style was also used at Ayer's House.

South Australia's Parliament House follows a

Corinthian tradition, "with the stone enriched with foliage". This form is also used in the foyer of Adelaide University's Mitchell Building, and again in the Pilgrim Church in Flinders Street.

The Romans were also influenced by Greek architecture, and the emperor Hadrian often employed Greek architects, Dr Geddes said.

"Hellenistic architects continued to recognise the power of classical columns and pediments, and not only for doorways. This later style of building is known as Hellenistic baroque, and one of the places where it is particularly well-preserved is in the wealthy cities along the western coast of Asia Minor, such as Ephesus.

"The baroque style attracted the 19th century architects of Adelaide. Edmund Wright House is done in the manner of the grand public buildings in, especially, the Greek half of the Roman empire. It too has the rhythmical step forward of a pair of columns followed by recession, and inside it is luxuriously decorated with columns and capitals like a Hellenistic palace."

Architects began to vary the shapes and uses of columns. One form—rows of columns linked together with arches—was used effectively around inner courtyards. Dr Geddes said this classical manner was enthusiastically revived in the Renaissance, such as at the ducal palace at Urbino.

"At Adelaide University we too, like the dukes, have a kind of cloister between the student union building and the river. It is a compromise between indoors and outdoors, providing the pleasure of the fresh air and tree, together with shade from the sun and rain."

Dr Geddes said the influence of Greek architecture on Adelaide had added to the city's distinctiveness.



Above: Adelaide University's Cloisters. Right: Art Gallery of South Australia. Photos: Ben Osborne.

"There are modern cities that are untouched by the influence of the classical architects and of those later architects who have maintained the tradition. There are modern cities where behind the noise and pollution of the traffic there is only shoddy building.

"But in the modern city of Adelaide the classical tradition is with us on every street, thanks to our predecessors' careful thought for the repose of the spirit and the delight of the eye," she said.

—David Ellis



## Racecar students take chequered flag

A NEW design for a Formula Vee racecar has earned a team of young tertiary students, including seven from Adelaide University, a national prize of \$100,000.

The students were awarded the inaugural prize for the National Engineering Innovation Competition.

The team has spent the past two years designing and building a Formula Vee racing car with vastly improved safety features.

Included in the winning design are a crushable front panel and re-arranged cockpit to increase driver safety in a front-on collision, crushable sidepods to enhance protection from side impact, as well as engine modifications and main roll bar refinements to increase safety in a rear collision.

Seven students from Adelaide University's Department of Mechanical Engineering worked on the project as part of their final-year studies. In 1999, Andrew Paltridge, Luke Sanders and Isaac Mathwin worked on the suspension and cooling systems. In 2000, Michael Freegard and Philip Degenhardt worked on chassis design and general performance changes, while Lynette Pearson and Kim Hill concentrated on aspects of aerodynamics.

Other students involved in the project were from Regency Institute of TAFE, Reynella Enterprise and Youth Centre, Spencer TAFE and the University of SA. Students from the other institutions worked on general body shape, logo design, side absorbing structures and some general body work and engine rebuilding.

While the car itself is not a competitive



Photo: Mechanical Engineering student Luke Sanders in an earlier incarnation of the Formula Vee racecar. Photo: David Ellis.

vehicle, the innovations in design and development could be taken up by the Confederation of Australian Motor Sport to improve driver safety.

The National Engineering Innovation Competition aims to promote innovation and teamwork, and computer-aided design skills. The \$100,000 prize money includes a study tour for 10 of the winning students to some of the world's most innovative and advanced engineering organizations, such as Boeing, Daimler Chrysler, Dassault Systemes, Prost Grand

Prix Racing and British Aerospace. In a gesture of goodwill, the Adelaide team has offered some of its places to other students who did not win the competition.

Adelaide University team member Lynette Pearson said the real benefit to students was their participation in the project.

"The Competition has helped me see the importance of working in a team and communicating with other people in a multi-disciplinary group, which will hopefully make me more valuable to an employer."

### TOUR THE CAMPUS

IF YOU think our grounds look lovely, why not try a tour?

Learn about the history and heritage of Adelaide University on a free tour conducted by trained guides from the University's Alumni Association.

Tours depart each Tuesday morning at 10.30am from University Gate 20, next to the Art Gallery of South Australia on North Terrace.

Groups may make arrangements for tours at other times by calling the Alumni, Community Relations and Development office on (08) 8303 3234.

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# Family stress factor in asthma

*From Page 1*

In contrast, children who lived in poorly organised families appeared more upset by symptoms, such as coughing, tightness in their chest, irritability and feeling frightened.

So, does family friction make asthma worse, or just make it seem worse?

“The study didn’t address this issue specifically,” said Professor Sawyer. “Because all the information for this study was collected at one time, we can’t determine whether the children’s distress caused the family problems or whether the family problems caused the children’s distress,” he said.

“It would only be possible to learn what causes what by following children and families over time to learn which occurs first.”

While Professor Sawyer stresses the need for good medical care to reduce the severity of children’s asthma symptoms, he believes that approaches designed to improve the family environment may also help to reduce the extent to which children who are asthma sufferers are troubled by their complaint.

“Asthma management programs will be most effective if they provide relevant help for families as well as children,” he said.

—Rob Morrison

# Heroin users’ mystery a hope for chronic back pain sufferers

**A WORLD-FIRST study of acute pain in former heroin users could also benefit thousands of people who suffer from chronic back pain.**

The three-year, \$US1.6m study is being conducted at Adelaide University in collaboration with the University of California, Los Angeles (UCLA).

Adelaide’s Department of Clinical & Experimental Pharmacology is heading the study, which highlights a little-known and mysterious, often permanent side effect of heroin and other opiate drug use.

The side effect is extreme sensitivity to pain. Former users of heroin, methadone, even long-term morphine users can develop a “hypersensitivity” to pain, causing enormous problems for their quality of life.

Those who suffer from this condition are often not helped by any available treatment for acute and chronic pain. And in another mystery, not all kinds of pain have the same response in sufferers.

“The problem is, there are no real guidelines on how to assess and manage pain for these people,” said Adelaide’s Professor of Addiction Studies, Jason White.

“The aim of the study is to gather the best possible information about people’s responses to pain, and to various current treatments of pain.

“Hopefully the results of our study will go some way towards solving a few of the main



The advantage of such a study being conducted in Adelaide is that all aspects of research can be integrated: basic research, clinical research, and access to patients at the hospitals and treatment centres.

The department’s approach to studying aspects of treatment for drug users has also been hailed internationally as being more scientifically accurate than many other such research efforts.

“This study will focus on small numbers of people, but studying them intensively to gain a much better understanding of each individuals’ response to pain and treatment,” said Professor White.

“We will be looking at former heroin users who are now on methadone treatment, and comparing them with people on a new drug, buprenorphine.”

The study is funded by the National Institute on Drug Abuse, part of the National Institutes on Health (NIH) in the United States, which is the key medical research body in that country.

Other senior researchers involved in the project are the head and deputy head of the Department of Clinical & Experimental Pharmacology, Professor Felix Bochner and Associate Professor Andrew Somogyi respectively, and Professor Walter Ling from the Psychiatry Department at UCLA, who is also a Visiting Professor at Adelaide University.

—David Ellis

# Refugee focus doesn’t match the facts

*From Page 1*

“It is impossible for these people to safely obtain the necessary travel documents, either because no office exists or it simply is too dangerous. But to treat them as criminals when they arrive in Australia is inhumane and the prolonged detention of asylum seekers has violated the international human rights treaties that Australia has signed and obliged to uphold.”

Dr McMaster, who is regarded as one of Australia’s leading independent commentators on this complex and often controversial subject, said the problem of poorly treating asylum seekers who arrive by boat will only get worse before it gets better.

“The recent outbreaks and protests at detention centres have exposed a system that is mismanaged and in crisis,” he said.

“It doesn’t matter that there’s an election this year and there could be a change of Government.

“From the research I’ve done, the two major



Dr Don McMaster. Photo: Ben Osborne.

parties adopt a very similar position to the treatment of boat people and I don’t see that changing in the foreseeable future.”

Dr McMaster is also concerned with the way the Government’s mixed messages about its treatment of various types of

illegal immigrants and asylum seekers is being interpreted by the Australian public.

“Virtually the only way the public at large hears about how the Government treats asylum seekers is through the mainstream media,” he said.

“They hear very little about the 50,000 people who purposely overstay their visas, but quite a great deal about the 4000 boat people.

“And the things they do hear or see through the media about these 4000 people help feed the hysteria and discrimination which I believe is firmly entrenched in many Australian people.

“The only way we will see any tangible change for the better in the public’s attitude towards these people is through the Government and the media treating the matter with compassion, respect and fairness, but I fear this will take a long time to achieve.”

—Ben Osborne

# Youth event gets underway

**SEVENTY university students will form part of this month’s Youth Congress aimed at developing youth awareness of Australia’s identity, future and multiculturalism.**

The Congress, on 27 July, is the official opening of the ViBE Project, which involves Adelaide University students from Commerce, Engineering and Computer Science. They’re working with international delegates, South Australian high school students and other SA university students to raise awareness of these issues during Australia’s Centenary of Federation.

The Opening Congress will discuss global interpretations of ‘What it means to be Australian.’, and will be followed soon after by an Exploration Period (28 July - 27 September) in which the internationals will share with high school classes their experiences and preconceptions of Australian culture.

Global Village (21 September) in Rundle Mall will invite the international students and graduates to showcase their traditions and arts.

During the Closing Youth Congress (27 September), Adelaide University students and others who have gone overseas will give speeches about the issues raised. This part of the project focuses on changing youth apathy about cultural enrichment.

The ViBE Project is organised by AIESEC, the world’s largest student organisation, which has 25 members at Adelaide University.

For more information, visit the AIESEC office in the basement of Security House, Adelaide University’s North Terrace Campus, or phone 8303 5909.

# Virus vaccine targets respiratory illness

**THE MOST common cause of severe respiratory infections in children is the subject of an international study conducted by Adelaide University’s Department of Paediatrics.**

Almost 500 children are admitted to Adelaide’s Women’s and Children’s Hospital each year because of respiratory syncytial virus (RSV).

“These children can be extremely ill. Having a vaccine against RSV will be of great significance to the community and may help to prevent some colds, fevers and more serious illnesses such as croup and bronchiolitis,” said Professor Don Robertson,

the head of the University department at the hospital, where the study is taking place.

The international study—part of an ongoing effort in the fight against RSV—is aimed at testing a trial RSV vaccine. The vaccine comes in the form of nasal drops, avoiding the discomfort of an injection.

Parents of healthy children aged four to 24 months are invited to allow their children to participate in the trial. These children should not previously have been infected with RSV.

“The RSV vaccine has been tolerated well in studies in children and adults,” Professor Robertson said. “Similar vaccines to the one on trial have been safely given in other

studies to children who have not previously had RSV.”

The trial will compare giving the RSV vaccine with a placebo (dummy vaccine). The results of this trial will be useful in developing an effective RSV vaccine that may be administered alone, or in combination with other respiratory vaccines currently being developed.

The trial is also being conducted in Perth and in South Africa.

Parents interested in enrolling their child in the trial, or who need more information, should contact Dr Helen Marshall or Michelle Busuttill on 8204 6328.



CONFERENCES ON CAMPUS

Adelaide cooks a feast of food and drink

EVER wondered how beer was used on Captain Cook's voyages, or why the kitchen is portrayed in films as a form of escape or refuge?

Find out the answers at the Research Centre for the History of Food and Drink's second international conference, which is being held from 2-4 July.

The conference is the first of two major food and drink events being held at Adelaide University in July, with the second being the National Academies' Forum Symposium in Australia from 5-6 July.

The Research Centre's international conference is dedicated to the memory of former South Australian Premier Don Dunstan, who was also the centre's inaugural patron, and Mietta O'Donnell, a former Melbourne Restaurateur and Patron of the Arts.

It features a host of local, national and international scholars presenting papers on a wide variety of topics.

International scholars attending include John Matthews and Veronika Grimm, who are both from Yale University's Classics Department, and Rod Phillips from Carleton University in Ottawa.

Matthews' paper is entitled *Food, Food Costs and Diet in the Roman Middle East: A Papyrus Dossier of the Early Fourth Century*; Grimm's is entitled *Keeping Body and Soul Apart: The Nature and Legacy of the Ancient 'Philosophic Diet'*; and Phillips' is entitled *Taste, Terroir and Trade: Inventing French Wine in the 19th Century*.

Included among the national speakers are an expert on the history of beer in Australia,

Brett Stubbs from Southern Cross University, who will examine how malt and beer was used on Captain Cook's voyages to combat scurvy; and University of Queensland postgraduate student John Gunders, who will look at how the kitchen becomes a form of escape—or even resistance—in films such as *The Cook, the Thief, His Wife and Her Lover* and *Eat Drink Man Woman*.

Other papers being presented cover a vast array of thought-provoking topics: eating out in cities in German films, the political economy of wine in the Roman Middle East, pepper's role as a global spice, country butchering, the history of Adelaide Central Market and food as a yardstick of the quality of life at sea.

For more information, contact conference convenor Lynn Martin on (08) 8303 3751, or email <lynn.martin@adelaide.edu.au>.

The National Academies' Forum is the combined organisation of Australia's four learned academies.

Its 2001 symposium has the theme *Food and Drink in Australia: Where are we today?* and features six seminar sessions across two days examining this important question.

The six sessions are based on: Food Production, Genetically Modified foods, Fast Food and Gastronomy, Regionalism and Globalisation, Beer and Wine, and Towards the Future: Asian or Mediterranean? They feature major research and academic figures from across Australia.

For more information about both events, visit the centre's home page: <<http://arts.adelaide.edu.au/CentreFoodDrink/>>.

—Ben Osborne



Caption: Lynn Martin, Director of the Research Centre for the History of Food & Drink.

Native title issues explored

The Adelaide Research Centre for Humanities and Social Sciences (ARCHSS) at Adelaide University is co-hosting an important conference this month which will examine the issues surrounding giving evidence in native title court cases.

Expert Evidence in Native Title Court Cases: Issues of truth, objectivity and expertise is being held at the University from 6-7 July, and is co-hosted by the Australian Anthropology Society and the Native Title Research Unit of the Australian Institute of Aboriginal and Torres Strait Islander Studies.

The conference will focus on differences between social science assumptions and legal assumptions about truth, objectivity and expertise, as these differences impact on presentation of anthropological evidence in native title court cases.

A wide range of qualified speakers will give

presentations ranging from a lawyer's view of expert evidence in native title cases to an anthropologist's thoughts on women testifying.

Speakers include Wilto Yerlo Director Mr Roger Thomas, Manager ATSIC Native Title and Land Rights Centre Mr Wayne Denning, and President of the Native Title Tribunal Mr Graeme Neate.

A highlight of the conference will be a role-play of a cross-examination between Mr David Parsons (lawyer) and Professor David Trigger (anthropologist).

The role-play will show the kind of issues that can arise in cross-examination, with members of the audience invited to ask questions and comment where applicable from their own experiences.

For more information, contact Judy Barlow on (08) 8303 4817 or email <judith.barlow@adelaide.edu.au>.

Accountants in Adelaide too!

ADELAIDE is also hosting the third Asian Pacific Interdisciplinary Research in Accounting (APIRA) Conference, 15-17 July.

Among the 200 delegates to the conference are academics from the UK, Europe, North America, and the Asia-Pacific region. The conference has a strong interdisciplinary program of research papers and forums addressing the relationships between accounting, auditing and accountability and their social, institutional, economic and political environments.

The APIRA Conference, to be held at the University's Union building, is dedicated to

the advancement of accounting knowledge and practice and provides a forum for academics from across the globe.

Conference sessions and papers will critique contemporary theory and practice, examine historical and interdisciplinary dimensions of accounting and debate policy alternatives, exploring new perspectives for understanding and change in the accounting discipline.

"This is only the second interdisciplinary accounting research conference ever to be run in Australia, and it's the biggest," said Professor Lee Parker (School of Commerce), who is also the editor of the region's main academic journal.

Plant's best friend is focus of international conference at Waite

NOT EVERY fungus that affects plants is bad.

In fact, around 90% of land plants have a useful fungal association called mycorrhiza, or 'fungus root', which is critical to their nutrient uptake in low nutrient environments.

Research in this field is vital to understanding plant ecology and in the development of ecologically sustainable environmental management systems.

This month, Adelaide University is hosting one of the biggest ever conferences focusing on these essential 'best friends' to plants.

The Third International Conference on Mycorrhizas (ICOM3) runs from July 8-13. The conference, which has attracted over 450 delegates from 48 countries, will focus on the diversity and integration of mycorrhizal fungi and root in natural plant communities, crops and forests.

Professor Sally Smith, Director of the Centre for Plant Root Symbioses and Deputy Head of Adelaide University's Department of Soil and Water, said the event marked international recognition of Australian research in the field.

"The first ICOM conferences arose from a merger between European and North American conferences. The convening of this conference in Adelaide in part recognises the importance of Australia's research contribution to the field and

the Department of Soil and Water's role," Professor Smith said.

One expected outcome of the conference is a new international society focusing on mycorrhizal research.

"Until recently, soil scientists have focused more on soil conditions than on the symbioses occurring with the plant crops we grow," Professor Smith said.

"Mycorrhizas have become an increasingly important area of research because of their great ability to improve plant nutrition and growth, especially in agriculture, horticulture and forestry, where the use of artificial fertilizers is expensive, difficult or likely to cause off-site pollution.

"There is also increasing recognition of the significance of mycorrhizas in plant ecology and diversity, and with the new molecular techniques we can expect very rapid progress in the next few years."

Several delegates heading to Adelaide to attend the conference will stay on to undertake research projects at Adelaide University's Waite Campus for periods of up to three months.

These researchers will come from countries as diverse as Finland, Spain, Denmark, Indonesia and China, and are sponsored by the Finnish Academy, OECD, Australian Research Council and the Crawford Fund.

—Lee Welch



WEDNESDAY 4 JULY

**1.10pm Public Health Seminar:** What does it mean to be a culturally inclusive medical school from an Indigenous perspective? A collaborative approach between the Departments of General Practice and Public Health by Dr Jonathan Newbury, Dr Tamara Mackean, Ms Natalie Harkin & Ms Jenny Baker (General Practice); Dr Judith Rafferty (Public Health). Seminar Room, 6th Floor, Bice Building, RAH.

TUESDAY 5 JULY

**1.00pm Chemical Pathology Seminar:** Diagnostic Difficulties in Cystic Fibrosis by Dr Nicola Poplawski (Fellow in Clinical Genetics). Seminar Room 1, 4th Floor, Reiger Building, WCH.

MONDAY 9 JULY

**1.00pm Centre for Evolutionary Biology & Biodiversity Seminar:** Winkling out the genes responsible for local adaptation and speciation by Professor Roger Butlin (University of Leeds). Benham Lecture Theatre, Ground Floor, Benham Building.

**5.30pm College of Health Psychologists:** A psychosocial view of gender re-assignment by Dr Bob Lyons (Gender Dysphoria Unit). Room 527, Hughes Building.

THURSDAY 12 JULY

**10.10am Electrical & Electronic Engineering Seminar:** Robots in the Home: Short term and long term by Professor Rodney Brooks (MIT, USA), Room S112, Engineering Building.

**1.00pm Chemical Pathology Seminar:** Title to be announced, by Libby Hotham (Public Health Research Officer, WCH). Seminar Room 1, 4th Floor, Reiger Building, WCH.

**6.30pm Royal Society of SA Talk:**

COMING EVENTS

4th July – 1st August

Cytology of Mesothelioma by Kay Dowling. Society Rooms, adjacent SA Museum's Natural Sciences Building (off Kintore Avenue).

**7.45pm Field Geology Club Lecture:** Mexico's Cornish mining heritage by Mr Greg Drew. Mawson Lecture Theatre, Mawson Laboratories.

TUESDAY 17 JULY

**1.00pm Clinical & Experimental Pharmacology Seminar:** Toxic lipid peroxidation products and their role in alcohol- and chemical-induced liver disease by Dr Steve Luckey (Pharmaceutical Sciences, University of Colorado, Health Sciences Center, Denver). Seminar Room, Level 6, Medical School, North Wing.

**6.00pm Centre for Intercultural Studies & Multicultural Education Seminar:** Axis of Insecurity: the Balkans - Middle East and the Cyprus Question by Professor Van Coufoudakis. Council Room, Level 7, Wills Building.

WEDNESDAY 18 JULY

**4.00pm CSIRO Land and Water Seminar:** Economic opportunities for improved land and water management: A national perspective by Stefan Hajkowicz. Plant Research Centre Auditorium, Waite.

THURSDAY 19 JULY

**1.00pm Chemical Pathology Seminar:** Practice talks of presentations for the Cairns 2001 HGSA and ASIEM annual scientific meetings by staff members from Chemical Pathology. Seminar Room 1, 4th Floor, Reiger Building, WCH.

FRIDAY 20 JULY

**4.00pm Obstetrics & Gynaecology Seminar:** Dietary induced weight loss - does protein matter? by Gary Wittert (Medicine, RAH). Seminar Room, 6th Floor, Medical School North.

MONDAY 23 JULY

**2.00pm English Seminar:** Cultural memory in postcolonial writing by Graham Huggan (University of Munich). Room 618, Napier Building.

TUESDAY 24 JULY

**7.30pm Musicological Society of Australia Meeting:** Reconstructing Bach's Music for the Funeral of Prince Leopold by Mark Smith. Room 1107, Schulz Building.

WEDNESDAY 25 JULY

**10.10am Electrical & Electronic Engineering Seminar:** Visual Motion Detection by Flying Insects: a Model for Biomimetic Hardware by Associate Professor David O'Carroll. Room EM212, Engineering Building.

**12.30pm Clinical Nursing Seminar:** Nurses and patients perceptions of dignity by Dr Ken Walsh (Clinical Nursing) and Dr Inge Kowanko (School of Nursing & Midwifery, Flinders University). Room 36, Level 3, Eleanor Harrald Building, RAH.

**1.00pm Environmental Biology Seminar:** The crushing depths by Ms Natalie Miller (Environmental Biology). Lung biology of diving mammals by Dr Phil Wood (Environmental Biology) Benham Lecture Theatre, Ground Floor, Benham Building.

THURSDAY 26 JULY

**1.00pm Chemical Pathology Seminar:** Title to be announced, by Professor Andrew Somogyi (Clinical & Experimental Pharmacology). Seminar Room 1, 4th Floor, Reiger Building, WCH.

FRIDAY 27 JULY

**4.00pm Obstetrics & Gynaecology Seminar:** Sex down under by Professor Marilyn Renfree (Zoology, University of Melbourne). Seminar Room, 6th Floor, Medical School North.

**1.00pm Clinical & Experimental Pharmacology Seminar:** Clinical pharmacology and substitution treatments for opioid dependence by Professor Felix Bochner (Head, Clinical & Experimental Pharmacology). Seminar Room, Level 6, Medical School, North Wing.

MONDAY 30 JULY

**1.10pm Geographical & Environmental Studies Seminar:** Spatial Analysis and Epidemiology by Dr Brett Bryan (Lecturer, GISCA). Room 104, Environmental Studies Building.

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

WEDNESDAY 1 AUGUST

**10.10am Electrical & Electronic Engineering Seminar:** Adaptive Receivers for CDMA systems by Dr Jinho Choi. Room EM212, Engineering Building.

**1.00pm Environmental Biology:** True blue - the evolutionary history of the lizards of the Egernia Group by Dr Mark Hutchinson (South Australian Museum). Benham Lecture Theatre, Ground Floor, Benham Building.

Fitness offer for women staff



Are you feeling stressed or lethargic? Do you want to improve your general health and fitness?

The Women's Professional Development Network (WPDN) has negotiated an attractive membership package with Fernwood Fitness Centre in Rundle Mall.

The offer is available to all Adelaide University women staff (general and academic staff) and includes a significant discount on the normal membership fee.

**For details visit the WPDN web site at: <www.adelaide.edu.au/wpdn>.**

The Bundy Prize for English Verse 2001

The Prize of \$250.00 is offered for the best poem or group of poems in English submitted in competition.

The competition is open to both graduates and undergraduates of Adelaide University, provided that they are enrolled at the University at the date fixed for sending in poems. Entries, preferably typed, must be accompanied by the name of the author in full and be delivered to the Faculty of Humanities and Social Sciences Office, Room G12 Napier Building no later than 31st August 2001.

The prize shall not be awarded twice to the same competitor. Copies of all poems presented will be retained, and a copy of the successful entry will be deposited in the Barr Smith Library.

The prize is not confined to any particular Faculty and entries will be welcomed from all sections of the University.

Judges will be appointed from the Department of English and the prize-winner should be known by the end of Semester Two. All entrants will be advised of the results by mail.

ROBERT EWERS  
Faculty Registrar, Humanities & Social Sciences

Celebrate the Federation in real style!

Join the Friends of Urrbrae House at the Federation Ball  
Saturday August 18th

Following the success of the 1920s "Blast from the Past" grand ball held at Urrbrae House last year, we have been overwhelmed with demands for another event this year.

In the year of celebrating Federation we did not need to go far for a theme. This year we plan a glittering evening with the opportunity to dress in long flowing evening gowns and celebrate in the style of Peter Waite and his family in 1901.

The band will be "Tamarisque" and the dancing will be organised by Maureen Morris. Maureen will arrange a rehearsal evening before the ball so there's no need to worry if you're normally better at a hip hop than a foxtrot!

So join us for an evening of elegant entertainments and supper in the grand surroundings of one of Adelaide's finest historic houses.

Tickets \$36 (drinks not included)  
Numbers will be limited so book your tickets now on 8303 7497.

Investigator Centre discount

The Investigator Science and Technology Centre is offering University staff and students a 10% discount on annual membership. Until 31 December, family membership is available for \$64.35 (normally \$71.50) and individual membership for \$19.80 (normally \$22).

The Centre, which receives sponsorship from the University, was opened in 1991 to bring science to life for young – and not so young – South Australians. Its hands-on, interactive educational style makes learning fun and entertaining. Currently running at the Centre is Special FX 11, an exhibition showing how special effects are created in film and television. It runs until 22 July. For more information visit: <www.investigator.org.au>.



# GENERAL NOTICES

## Situations Vacant

For information about vacant positions in the University, please refer to the University's Human Resources web page at: <<http://www.adelaide.edu.au/HR/newpos/advpos.htm>> .

Please note that advertising paper-work must reach Human Resources by 5pm each Friday, for publication in press on the Saturday of the following week (or appropriate date thereafter).

For further information on advertising University vacancies, please contact Human Resources on ext 35666.

## Women's Professional Development Network

The WPDN is a development initiative for all women general staff of the University of Adelaide. It focuses on issues affecting the professional and personal development needs of women general staff.

The WPDN runs a variety of activities including breakfasts, lunchtime speakers and workshops. For more details and instructions on how to join our listserver, visit our web site at: <<http://www.adelaide.edu.au/wpdn>> or contact Danielle Hopkins ([danielle.hopkins@adelaide.edu.au](mailto:danielle.hopkins@adelaide.edu.au), ext 33937) or Catherine Edis ([catherine.edis@adelaide.edu.au](mailto:catherine.edis@adelaide.edu.au) ext 36151).

### Coming events:

Lunchtime forum : Wednesday August 8 at 12.30pm, Ira Raymond Room, Barr-Smith Library. Topic: "Coping with Elderly Parents".

## Call for applications for promotion to Level B/C

Staff and titleholders wishing to apply for promotion to Lecturer Level B and Senior Lecturer Level C (and equivalent) are now invited to submit their applications.

Applicants should refer to the revised Policy and Guidelines, and the appropriate Position Classification Standards. A promotions toolkit applicable to the submission of applications is available at the Web address: <<http://www.adelaide.edu.au/HR/policies/promtn/acapromtnlbox.htm>> .

Applications should be made on the approved application form. Applications from staff members (ten copies) must be submitted to the General Manager, Human Resources, by 15 July 2001. Absolutely no supplementary information will be accepted from applicants after the closing date for applications, unless requested.

Applicants are responsible for contacting their own referees and forwarding them their application, the appropriate position classification standard and the form letter requesting that the report be sent to the General Manager, Human Resources by 15 August 2001. Details are available on the Web at: <<http://www.adelaide.edu.au/HR/policies/promtn/acapromtn.htm>> .

Adjunct, Affiliate and Clinical Titleholders should refer to the separate guidelines applicable to titleholders also on the Web at: <<http://www.adelaide.edu.au/HR/policies/promtn/acapromtithol.htm>> .

STEVE DAYSH  
General Manager, Human Resources

# RESEARCH BRANCH: SPECIAL NOTICES



## Relocation

The Research Branch has relocated to the 11th Floor of 10 Pulteney Street.

All Research Branch staff are located on a single floor which we share with the University's commercial arm, Luminis Pty Ltd - thus providing more of a 'one stop shop' for researchers (and their sponsors). We also hope that our proximity to Luminis legal officers and other professional staff will enable us to be even more responsive to researcher needs.

While our phone and fax numbers (and e-mail addresses) remain the same, all correspondence, including research grant applications, will now need to be delivered to the 11th Floor of 10 Pulteney Street. General access to the floor will be available on normal working days from 8 am to 6 pm.

## NHMRC Australian Health Ethics Committee Workshops 2001

The National Health and Medical Research Council and the Australian Health Ethics Committee will be hosting a series of workshops for researchers and Human Research Ethics Committees between 22 June and 19 July 2001.

Two half day workshops will be held in eight cities:

Morning Workshop: Clinical Trials

Afternoon Workshop: Research in the Humanities

## and Social Sciences

The Adelaide workshops will be held on Monday 16 July.

Further information regarding the purpose and content of the workshops, and a registration form, will be available on the NHMRC website <http://www.health.gov.au/nhmrc/research/contents.htm> from Friday 1 June 2001.

## NHMRC Training Awards for 2002

Information on the current round of NHMRC Training Fellowships including Industry Research Fellowships, Howard Florey Centenary Fellowships, CJ Martin Fellowships, Neil Hamilton Fairley Fellowships, Peter Doherty Fellowships etc, and Travelling Awards for Research Training is expected to be available on the Research Branch website (see below) by the time this notice is published.

The internal closing date for applications is 20 July 2001. The Research Branch contact for NHMRC programs is Vada Osborn who can be contacted by email at [vada.Osborn@adelaide.edu.au](mailto:vada.Osborn@adelaide.edu.au) or on extension 35051.

## FUNDING OPPORTUNITIES

Remember to check the Research Branch website <[www.adelaide.edu.au/RB/fund.html](http://www.adelaide.edu.au/RB/fund.html)> regularly for up-to-date information about current research funding opportunities.

## Women's & Children's Hospital

## Becoming a Research Assistant in Health and Social Research

A 3 day introductory course presented by the Department of Nursing & Midwifery Research and Practice Development, WCH, 25 - 27 July 2001, Classroom 1, Level 2, Samuel Way Building, WCH.

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- Day-to-day project organisation and administration
- Data collection & management
- Interdisciplinary liaison
- Career development
- Applying for a Research Assistant position

Enquiries/Bookings: Rachel Furno, tel (08) 8204 6468 or email: <[nurmidres@wch.sa.gov.au](mailto:nurmidres@wch.sa.gov.au)> .

# 2001 GEORGE GAVIN LAWSON POST-GRADUATE RESEARCH FELLOWSHIP IN ARCHITECTURE

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For more details and an application package, email Sue Averay at <[suea@raia.com.au](mailto:suea@raia.com.au)> or phone 8272 7044.

Applications close Monday 30 July 2001.

# Reg Sprigg Aboriginal and Torres Strait Islander Education Assistance Fund

Dr RC Sprigg left a gift of shares to the University and funds raised from the sale of these shares established the Education Assistance Fund.

Each year Aboriginal and Torres Strait Islander undergraduate students enrolled at Adelaide University are invited to complete an application for assistance.

The funds may be requested for any purpose associated with Aboriginal and Torres Strait Islander education including assistance with the purchase of text books and equipment.

Applications are available from Wilto Yerlo, Reception, Hartley Building, or Wilto Yerlo support officers from Monday 23 July 2001.

Applications close Friday 3 August 2001.



# Tiny trickster flies into the zoological books

**PUT FOUR international scientists out into the field and what do you get? A profound zoological discovery, and a tricky one at that.**

Associate Professor Andy Austin, who heads the newly formed Centre for Evolutionary Biology & Biodiversity at Adelaide University, is one of the Australian, New Zealand and Canadian team which has discovered a new family of parasitic wasps in the windy islands of New Zealand. Their discovery has just been published in the June edition of the prestigious journal *Invertebrate Taxonomy*.

“Although hundreds of new insect species are described every year, the discovery of a new family is very rare,” said Dr Austin.

“There have only been five or six new families described from Australasia in the past 30 years, and that is high compared with the rest of the world,” he said.

Students learn the hierarchy of their zoological groups through the mnemonic: **King Prawns Caught On Friday Get Stale**.

Within the animal Kingdom, there are thirty or so major groups, each known as a Phylum. Insects form one Class of that Phylum, and wasps, ants and bees together comprise an Order within it. The next category is the Family. Among the mammals, all dogs, wolves and similar animals fall into one Family, while all kangaroos and wallabies comprise one Family within the Order of marsupials. Zoologically speaking, this new discovery is at that Family level.

“The vast majority of species belong to families that had been described by the start of the 20th Century,” said Dr Austin.

“Families that have avoided discovery have done so usually because they are extremely rare, only found in very isolated places, or

very small.”

All conditions apply to the newly described wasps; they are only 1.5 mm long, and they are bizarre as well.

“The new family has extremely unusual features,” said Dr Austin.

“It appears to be a composite of two unrelated wasp groups, with the front end typical of one group and the back end of another,” he said. “Although the first species were collected in the 1970s, it has taken until now to work through the problem.”

That long puzzle has produced the name of the new family, *Maamingidae* which is derived from a Maori word meaning “trickster”, and refers to the unusual combination of characters that initially baffled the research team.

Australia and New Zealand were once united with Africa, South America, India and Antarctica to form the supercontinent of Gondwana. As Gondwana broke apart, the separate continents formed isolated islands, carrying plants and animals of that time, which then evolved in isolation.

In islands that remained separate, it is still possible to find descendants of those more primitive organisms, often highly adapted to their local environments. These Maamingid wasps are among them. Some have very short, functionless wings, a great advantage on a windy island where even a short flight might carry you into the ocean.

A related study, to be published later this year, has compared DNA from other wasps with that of the new family, and traced its closest relatives to others whose ancestors evolved in Gondwana. The family’s closest living relatives are mostly only found on Australia, New Zealand and South America, the ‘leftovers’ of the supercontinent.



Above: one of the newly discovered members of the Maamingidae family, Right: Dr Andy Austin with other, much larger insects.



Other aspects of the insects’ natural history remain a mystery, but will form the next stage of the researchers’ study.

“We know that they are mostly found in and around leaf-litter, and mostly during summer to early autumn,” said Dr Austin. “As to what they parasitise, we don’t yet know this either, but given that the two closest families parasitise the larval stages of flies in leaf-litter, this is what we would predict as the biology of the new family.”

—Rob Morrison

## POSTDOC PROFILE

Dr Debrah Lorraine-Colwill is a postdoctoral fellow in the Department of Applied and Molecular Ecology, Waite Campus; investigating glyphosate resistance in a population of the widespread agricultural weed annual ryegrass (*Lolium rigidum*).

This weed species is the first in the world to evolve resistance to this herbicide. Glyphosate, which is more commonly known by its trade names of Roundup and Zero (Monsanto), has been successfully used to control a broad range of weed species for over 20 years across the globe. The recent development of glyphosate resistance in Australian populations of annual ryegrass poses an enormous threat to sustainable farming and weed control in natural ecosystems.

Dr Lorraine-Colwill and her colleague Dr Christopher Preston, with the assistance of Syngenta UK, have determined that a single nuclear gene exhibiting semi-dominance confers glyphosate resistance in this population of annual ryegrass.

This mode of inheritance is of great significance to farmers; with continual glyphosate use, the resistance gene will increase in occurrence in the population and glyphosate will be ineffective in controlling this weed species.

Dr Lorraine-Colwill is continuing her research, attempting to find the precise mechanism by which these ryegrass plants can survive supposedly lethal herbicides.

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## Our international links

ONGOING events and activities continue to reinforce Adelaide University’s ties with people and institutions throughout the world. The following is just a small sample of the range of ways in which the University’s international links have strengthened:

**MOU signed with Chinese uni**

Adelaide University has signed a Memorandum of Understanding with Zhejiang University in Hangzhou, China, to establish closer research links and staff and student exchanges.

Adelaide’s Deputy Vice-Chancellor (Research), Professor Edwina Cornish and the Executive Dean of Agricultural & Natural Resource Sciences, Professor Malcolm Oades, visited China earlier this year for discussions with a number of Chinese institutions.

Zhejiang is one of China’s most prestigious research universities. It has five campuses and 35,000 students, around 20% of whom are postgraduate students.

### Nursing visit from Japan

Professor Yasuko Takahashi from the University of Tokyo visited Adelaide University’s Department of Clinical Nursing, accompanied by colleague Ms Miyoko Endo and by Professor Shigeyo Okuno from the Nagano College of Nursing.

Professor Takahashi and her colleagues are specifically interested in gerontology and infection control.

Clinical Nursing at Adelaide is continuing to build a reputation internationally, through the growth of its International & Flexible Learning Unit, with postgraduate students in Sri Lanka, Bangladesh and graduate students in Myanmar. Programs currently being run are supported by the World Health Organisation as valuable to the continuing improvement of these countries’ health care systems.

### Award from Poland

Professor Jerzy (George) Smolicz from Adelaide University’s Centre for Intercultural Studies and Multicultural Education was awarded a major honour by the country of Poland.

Professor Smolicz was presented with the Order of Merit of the Republic of Poland by the country’s President.

The honour is in recognition of Professor Smolicz’s services to Polish-Australian relations, in particular to the higher education sector.

### Ex Czech PM gives lecture

Former Czech Republic Prime Minister Dr Vaclav Klaus visited Adelaide University in May and gave a free public lecture. Dr Klaus, who was Prime Minister from 1992 to 1997, is currently President of the Parliament of the Czech Republic and has extensive knowledge and experience in the political and economic arenas. His lecture was “Transforming to democracy and prosperity—the Central European journey”, and formed part of a series celebrating the 25th anniversary of the Centre for Independent Studies (CIS), Australia’s leading public policy research institute.

### Israeli biotech seminar

Professor Yair Aharonowitz, Vice President and Dean of Research at Tel Aviv University, Israel, gave a special seminar at Adelaide University on multidisciplinary projects and research management. In particular, he discussed Tel Aviv’s efforts in commercialising its research and development.

Professor Aharonowitz is leading a unique approach to research management and development at Tel Aviv by cutting across faculty and departmental boundaries. The approach maximises the utilisation of research expertise and assets and allows scientists to form new cutting-edge research synergies backed by attractive financial incentives.



# School students on target with languages

**HIGH SCHOOL** students studying languages have been benefiting from a range of programs at Adelaide University aimed at encouraging and helping their language studies.

Twelve Adelaide High School Year 12 French students have just concluded a successful mentoring scheme which involved four Adelaide University French students.

Under the newly established scheme, the university students made a fortnightly visit to the school and were each responsible—or mentors—for a group of three high school students, helping them with particular aspects of their French studies curriculum.

According to Head of Adelaide's Centre for European Studies and General Linguistics Dr John West-Sooby, the scheme was a genuine "win-win" situation.

"I was cautiously optimistic during the planning stages that there would be mutual benefits to be gained from this kind of exercise, but I didn't dare expect this level of enthusiasm and commitment. It reflects well on both sets of students," he said.

One of the university students involved in the program, Anthea Kemp, described how the program was beneficial for both parties involved.

"It allowed the high school students to be broken up into small groups, in which the mentor was able to focus on individual needs and problems, and this creates a new dimension of learning.

"Considering our age, as a mentor we can relate to their problems with the language, and being in their situation not so long ago, can provide different aspects of learning that directly aids them with their exams.

"As a mentor, we benefit as well, because it heightens our knowledge of the language to a different degree. It is much harder to teach a language than to learn it."

\*Meanwhile, more than 180 Year 10 students from schools throughout Adelaide attended a recent Languages on Campus event at

Adelaide University. The three-day event brought Year 10 students on campus for a first-hand look at what it's like to study at university.

Languages staff, undergraduate and postgraduate students helped provide the Year 10s with an insight into university activities and surroundings.

The three-day program included intensive language instruction presented in a way that was meaningful and interesting for Year 10 students, with role-playing, games, quizzes, cooking, multimedia and cultural activities an important part of their learning.

Students were also given information about where their language studies can lead them, including careers.

"The three-day program provided new opportunities for students to develop their language skills and gain an increased understanding of the culture of the countries from which those languages have originated," said Dr West-Sooby, who was one of the coordinators of the Languages on Campus program.

"Students not only develop a greater understanding of the importance of language and culture in society, they also have a more informed picture of the possibilities presented by the continued study of languages and culture.

"Importantly, they also had a lot of fun while they were learning," he said.

The event was organised by the Multicultural Education Committee (an advisory body to the Minister for Education), and Adelaide University's Centres for European Studies and Asian Studies, with support from Professor George Smolicz.

Languages on Campus was funded by the Deputy Vice-Chancellor (Education), Professor Penny Boumelha, the Executive Dean of Humanities & Social Sciences, Professor Malcolm Gillies, and the State Minister for Education, Malcolm Buckby.

—Ben Osborne  
—David Ellis



Adelaide University French Students (front, from left) Becci Love, Anthea Kemp, Alicia Foo and Simone Annan, and the Year 12 French class at Adelaide High School.



Woodville High students Lann Tay and Franca Quach are both studying Chinese language at their school. They were two of the 187 students to take part in the Languages on Campus event. Photo: David Ellis.

## WARNING: studying a language can be fun!

**CONVERSATION** and language go hand in hand, but now Adelaide University is offering a unique course that gives you conversation, language study and... a cup of coffee!

Saturday Coffee and Conversation courses are being offered by the University's Centre for Professional & Continuing Education (PCE). The languages to choose from are French, Italian and Spanish, with the courses held on Saturday afternoons for four weeks. That's around two-and-a-half hours per week of discussion about, and with, your favourite language.

The courses have a purely conversational focus, lots of good percolated coffee, biscotti and gateaux.

"These courses have been introduced to our program due to the popularity of conversational courses in this year's Summer School," said Ms Jo Shearer, Manager of PCE's language programs.

"For the majority of students speaking the language, general conversation is the hardest skill to acquire. These classes give them the opportunity to chat in the language in a relaxed, social environment."

The Coffee and Conversation courses are just another example of how PCE continues to supply good quality courses that appeal to the general public.

Enrolments in the PCE language program have doubled in the last two years—from 500 in 1999 to 1000 this year, with a range of

short courses still to be offered.

"The increase in enrolments is pleasing, and it's because of a number of reasons," Ms Shearer said. "More people are wanting to learn a language to enhance their employment opportunities, or to enhance their general life skills; we're continually responding to our students' needs; we've developed a rapport with many of our students, so that some of them want to keep coming back; and we offer a range of courses at varying levels, to suit people of all skill levels and abilities."

The full-year language program (running over two semesters) includes Mandarin, French, German, Indonesian, Italian, Japanese, Greek, Portuguese, Russian, Spanish, Thai and Vietnamese.

There are also semester programs in English as a Second Language and Business English as a Second Language.

Short courses include the Pre-enrolment English Program (an academic English program for international students whose English language proficiency score is just below Adelaide University requirements), five-week and 10-week courses depending on student needs.

July - December short courses this year include Travel Language courses, with Hindi offered for the first time due to demand from Adelaide's Hindi community. There is also Calligraphy for Chinese and Japanese (offered again due to the popularity of this



Language, conversation, food and fun... what else do you need? Photo: Randy Larcombe.

courses last Summer) and Year 12 Oral Presentations, to assist students to consolidate their oral skills and gain confidence immediately prior to their final Oral exams.

PCE also offers mid-year entry to

full-year language courses, starting July, for students who missed out earlier in the year, who can't commit to a full year of study, or are between levels in their language learning.

—David Ellis



# New vineyard planned for Glenthorne

*From Page 1*

Mr Angus Kennedy, BRL Hardy's Operational and Technical Director, said the vineyard development would benefit the entire South Australian wine industry.

"This initiative is effective in that a number of parties will benefit from the project over a number of years. We are looking forward to working closely with Adelaide University for the betterment of the South Australian wine industry," he said.

Professor O'Kane commended the State Government, the Commonwealth and the CSIRO on working together to produce an agreement on Glenthorne Farm that would deliver long-term economic benefits to the State. She also paid tribute to the University's Deputy Chancellor, vigneron and Executive Chairman of Petaluma Ltd, Mr Brian Croser, for his role in negotiating a new future for Glenthorne.

Professor O'Kane said the University was aware of local residents' concerns about the future of the property and would be consulting with them about the vineyard plans.

"We are seeking planning approval for the vineyard, which will include an extensive buffer zone around the site," she said.

"We will be working closely with BRL Hardy to minimise noise and inconvenience to the local community. BRL Hardy has extensive experience in developing and operating vineyards in an urban environment, and we will be making available the University's full research resources to ensure responsible environmental management of the site."

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### Creating Wealth for Our Clients

# Helping the *other* SA wine industry

THE WINE industry in South Australia is not the only one to benefit from the wealth of wine science and marketing expertise at Adelaide University.

The University's Wine Business Group has just delivered two ground-breaking executive training programs in South Africa, designed to help that country's wine industry find its feet in the international marketplace.

The programs are the first in an ongoing partnership between Adelaide University and the University of Cape Town's Graduate School of Business.

Two Adelaide University staff recently travelled to Cape Town to present the programs, which focused on wine brand building, e-commerce in wine marketing and wine tourism.

"The wine industry in South Africa is older and larger than in Australia and has a tradition of excellence in viticulture and wine making, but there is no tradition of university education in the fields of wine marketing or wine business," said Dr Johan Bruwer of Adelaide's Wine Business Group, one of the staff to visit Cape Town.

The other was Mr Bob Gilliver,



International Programs Manager with Adelaide's Graduate School of Management.

"These [wine marketing and wine business] are fields in which Adelaide University is leading the world, and we are pleased to be able to work with the University of Cape Town and the South African wine industry to strengthen business capability in these areas," Dr Bruwer said.

He said the programs were oversubscribed, and already plans were underway to return later in the year for another round of training courses.

"The interest has been extraordinary. Over 100 leading wine professionals participated in these first programs. We are now expecting 20 wine making students from the region on a study visit later this year and we will return in October-November to deliver a second program of courses.

"We plan to work with the University of Cape Town's Graduate School of Business to offer training courses regularly and to work towards ultimately building a full academic program."

Adelaide University was the first Australian University to offer wine marketing programs and degree qualifications, and remains the only University to include wine making and viticulture in its wine marketing programs.

In other news, the Wine Business Group has enrolled its first Masters student in Wine Business this year and launched a dedicated wine business website <[www.winebusiness.adelaide.edu.au](http://www.winebusiness.adelaide.edu.au)> which is recording hits from potential students and industry from around the world.

—Lee Welch

# ADELAIDE ACHIEVERS

STAFF and students at Adelaide University are often being recognised for the excellence of their work. The following have received recognition in some way over the past six months:

• **Professor Michael Horowitz** (Department of Medicine) has been presented with the Eric Susman Medal by the Royal Australasian College of Physicians.

The prize is awarded annually to a Fellow of the College for the most outstanding contribution to the knowledge of any branch of internal medicine.

Professor Horowitz was recognised for his work in the fields of diabetes, gastrointestinal motility, regulation of appetite, and the diagnosis, prevention and treatment of osteoporosis.

• **Professor Derek Frewin** (Executive Dean, Health Sciences) has been honoured by the Australian Medical Association (South Australian branch) with the AMA (SA) Award for outstanding service to the profession.

State President Dr Michael Rice said: "Derek Frewin epitomises everything that the AMA (SA) Award stands for, and we salute his achievements as a medical educator, a researcher and as an active clinician."

Professor Frewin has established an international reputation in cardio-vascular research, and has maintained a role as a clinician and teacher. He has been Physician in Charge of the Hypertension Clinic at the Royal Adelaide Hospital since 1973.

• **Dr Ken Davey** (Chemical Engineering) has received the J R Vickery Award from the International Institute of Refrigeration, Australian National Committee.

The award is for outstanding national and international contributions to the physical, chemical or biological aspects of food by the application of cold.

The J R Vickery medal was presented to Dr Davey at the Annual Convention of the Australian Institute of Food Science & Technology.

• **Associate Professor Tony Rogers** (Dentistry) has been elected a Fellow of the American Academy of Microbiology.

Dr Rogers, whose field is oral microbiology, has been recognised by the Academy for "excellence, originality and creativity" in his field of microbiological sciences.

His election to the Academy makes him one of only eight Fellows in Australia.

• **Associate Professor Mike Gibbard and Mr David Vowles** (Department of Electrical & Electronic Engineering), along with department PhD graduate Dr Pouyan Pourbeik, received a best paper award from the Institution of Electrical & Electronic Engineers in the United States.

The paper, on power stabilisers, was published in the IEEE journal last year, and chosen as the best paper of 2000.

The award was presented at a power systems meeting in Columbus, Ohio, earlier this year.

# Science real and imagined in exhibitions

NOW is your last chance to see two fascinating exhibitions currently being sponsored by Adelaide University—the Andy Thomas exhibition at the SA Museum, and Special FX II at the Investigator Science & Technology Centre.

Special FX II shows how special effects are created in film and television.

It includes the latest in 3D animation and modelling techniques, 3D virtual reality headsets and blue screen technology which allows visitors to become part of the scene and record their own mini-movie.

Among the attractions are 30 hands-on exhibits, some of which allow visitors to recreate the illusions they have seen on screen.

Visitors also have an opportunity to star in the action and record themselves on their own take-home video souvenir. You can re-enact famous scenes from *Titanic*, scale a

mountain cliff-face, or visit the "Rings of Zorgon" and surf through space.

This amazing exhibition is touring Australia and New Zealand, and is running at the Investigator Science & Technology Centre, Wayville, until 22 July.

Meanwhile, the Andy Thomas exhibition at the South Australian Museum takes an exciting journey through the achievements of Adelaide's only astronaut.

*The Andy Thomas Exhibition 2001: an Australian Space Odyssey* features Andy's space suit worn on the Russian Mir space station, a 'lift-off' experience for visitors, computer controlled interactive models, and much more on loan from NASA.

Visitors can learn about Andy's past as an Adelaide University student through to his career in aerospace engineering and now as an astronaut.

Models and multimedia displays of the



International Space Station, Mir and the Space Shuttle also feature in the exhibition, which runs until 22 July.



# Computers' future to be less personal

**THE REALM** of the truly "personal computer" may be coming to an end.

Since its beginnings only a few decades ago, the personal computer has undergone constant change. Adelaide University physics and computer experts believe that the personal computer will eventually be replaced by the "network computer".

"We are moving into a future where computers across the globe, from desktop PCs to supercomputers, will be networked together," claims Associate Professor Tony Williams.

"Linked like that, they can work to full capacity even while in screen-saver mode. This 'computational grid' is the future of large-scale computing and is becoming reality even now," said Dr Williams, the Deputy Director of Adelaide's Special Research Centre for the Subatomic Structure of Matter.

This radical shift in the technology of desktop computing seems unavoidable. The huge increases in computing power that make personal computers so rapidly obsolete as new models arrive has so far depended on making smaller chips that do more. In the end, there are limitations dictated by the very structure of matter.

"Modern computer chip technology is reaching some fundamental physical limits," said Dr Williams. "The size of the atom limits how many functioning transistors we can fit on a computer chip, and the speed of light limits how big we can make each chip. Another limitation arises from the need to dissipate heat from these computer chips so that they don't fail due to excessive thermal noise."

The answer seems to be to link computers in parallel. Not only can that provide almost unlimited computing power, it allows a kind of information processing that can't be achieved in any other way.

There are two extremes of this parallelism. In 'loose' parallelism, the network connection between computers (or nodes as they are sometimes called) is relatively slow, such as a standard internet or everyday modem connection.

This kind of parallelism is already being used in the SETI@Home experiment—anybody on Earth with access to a personal computer



Associate Professor Tony Williams with a sandwich board—worth \$80,000 less than 10 years ago, but now obsolete. Photo: Rob Morrison.

can take part in the search for extraterrestrial intelligence, simply by processing data from radio telescopes that look for signals of intelligent life on other planets. More than three million computers from around the world are currently cooperating on this search and, through it, more than 1000 years of single-computer CPU time is being delivered to the SETI program each day.

"There are millions of computers connected to the Internet. Most of them are PCs or workstations sitting on people's desks, and much of the time they are in screen-saver mode, or not doing anything," said Dr Paul Coddington, from Adelaide's Department of Computer Science.

"Around three million people have downloaded the software from the SETI@Home program onto their PCs, and tens of thousands of PCs are running the program at any time.

That's a lot of free computer power!"

But this system has its limitations. "Only certain types of large-scale computing problems can be attacked in this way, such as those where slow communication between the nodes is unimportant," Dr Williams said.

The other extreme of parallelism is the very 'tight' kind, where nodes are connected by very fast networking to form a parallel supercomputer. A local example of this is the Orion supercomputer used extensively by researchers at the Centre for the Subatomic Structure of Matter. Orion has 40 Sun Microsystems computers, each with four central processing units (CPUs), which are connected by very fast Myrinet networking.

The resulting Orion supercomputer was the fastest in Australia when it was installed last year, and is currently the second fastest supercomputer in Australia. Another local

and more economical version, using standard fast ethernet networking, is the Perseus cluster consisting of 116 dual-processor Pentium PCs.

"When commissioned, this was the largest PC cluster in Australia and one of the largest in the world," said Dr Williams. "However, because of the slower networking, Perseus cannot attack the same breadth of problems that Orion can."

The rate of change in the power of modern computers is impressive, but demand for computer power for large-scale applications is insatiable.

"Computers linked in parallel are already being recognised as the fastest and most economical way forward," Dr Williams said. "The 'computational grid' is a very flexible tool which can link the idle PC on your desk to some of the fastest and most affordable supercomputers in the world."

Supercomputers are also finding many applications outside the disciplines where they were born, proving invaluable in fields as diverse as aerodynamics (aeroplane design), fluid flow (ship and boat design), water resource and salinity management, water and oil pipeline optimisation, oil reservoir modelling and, of course, studies of the subatomic structure of matter itself.

The researchers are excited that their discipline is producing powerful and immediate applications.

"It is remarkable that forefront research in fundamental physics continues to lead to important practical consequences," said Professor Tony Thomas, Director of the Centre for the Subatomic Structure of Matter.

"High-energy physics gave us the World Wide Web with all of its commercial spin-offs, now abstract calculations in lattice gauge theory are expanding the limits of high-performance computers," he said.

"We are presently at the cutting edge in this field, and our researchers in physics, computing science, engineering, and energy and resource management are well poised to capitalise on our initial investment of expertise in this area," Dr Williams said.

—Rob Morrison

## Local councils "struggling to cope"

**LOCAL councils in South Australia are struggling to cope as they try to do more work with fewer resources, according to a report released by Adelaide University's Centre for Labour Research.**

The report, called *Doing More With Less: Tension and Change in South Australian Local Government*, says the pressures are taking their toll on council employees, with three-quarters of those surveyed reporting rising levels of stress.

The study has found that new pressures are falling on local government as state and federal governments cut back commitments and fresh demands arise from local communities.

"Local councils want to do more to provide services to local residents and rate payers—and in many cases, they are," said Dr Barbara Pocock, Director of the Centre for Labour Research.

"But our research shows that local government is being asked to take on this extra work without additional resources. This is putting strain on employees, elected councillors and managers in local councils."

The study used multiple methods to analyse the nature and impact of change in South Australian local government at the turn of the century, including analysis of past research, case studies, focus groups and interviews, and a survey of employees in a group of seven local councils.

"Councils are struggling with the tension of



From left: Anne McEwen, Convenor of Project Steering Committee, Jane Lomax-Smith, Barbara Pocock and Liz Bok, President of the Local Government Community Services Association.

being, on the one hand, cost effective businesses, and on the other, being a tier of government with service responsibilities to taxpayers and an important part of the fabric of local communities," Dr Pocock said.

"Elected councillors face a job that is growing in size and complexity, with sometimes unclear boundaries between elected representatives and council managers and employees.

"Increased contracting out of services and

other changes like amalgamation of councils have contributed to a growing sense of insecurity amongst many local government employees, most of whom see that fewer employees are doing more work, with three-quarters reporting rising levels of stress.

"If local government is to continue to do more, it needs more resources and needs to conserve its existing ones, particularly its workforce," she said.

—John Drislane

## Enterprising education turns ideas into reality

**A TWO-DAY workshop titled "Turning your business idea into reality—getting the basics right" will be held by the Enterprise Education Group (EEG) on 17 and 18 July.**

The workshop is aimed at anyone (student or otherwise) who is considering starting their own business, including a consultancy-based service.

The EEG also welcomes participation from people who wish to come along to any of the second semester courses taught within the Graduate Diploma Business Enterprise (SME) at Adelaide University's Thebarton campus on a negotiated non-award fee basis.

The courses include managing human resources, small business finance and entrepreneurship and innovation. The courses can also be studied on an award or non-award basis via distance education.

A number of free lunchtime seminars titled "Entrepreneurs and Innovators" will be held on North Terrace Campus in the second semester for anyone interested in hearing first hand from entrepreneurs and innovators about their experiences and lessons learned.

For more info about any of the initiatives delivered by EEG, contact Joanne Pimlott on 8303 5442 or visit the website: [www.eeg.adelaide.edu.au](http://www.eeg.adelaide.edu.au).



# OBITUARIES

## Associate Professor W (Bill) Henderson: 1943-2001

Bill Henderson was born the son of a coalminer and grew up in Ashington, near Newcastle in the north-east of England. He completed his undergraduate degree at the University of Sheffield, and then commenced studying at Sheffield towards a PhD under the supervision of Dr Charles Pearce.

In 1968, Bill was half way through his candidature when Charles accepted a position at Adelaide University. With the intention of returning to England after finishing his degree, Bill, with his wife Marilyn and two young sons Mark and Iain (who was only six months old), followed Charles to Australia.

On his arrival, Bill took up a position as senior tutor in Adelaide's Department of Mathematics. The Henderson family's plans to move back to the UK never eventuated. Their daughter Kirsty was born in Australia and, after living for a time in the Adelaide suburb of Parkside and later Holden Hill, they bought a house standing on three hectares of land in the hills town of Lobethal, where they have lived ever since.

In 1971 the Department of Mathematics was split into separate departments of Applied Mathematics and Pure Mathematics. Bill's interests in the applications of probability to real-world problems made it natural that he become a member of Applied Mathematics. Between that time and his retirement in January 2001 he was promoted to Lecturer (1971), Senior Lecturer (1980) and Associate Professor (1992).

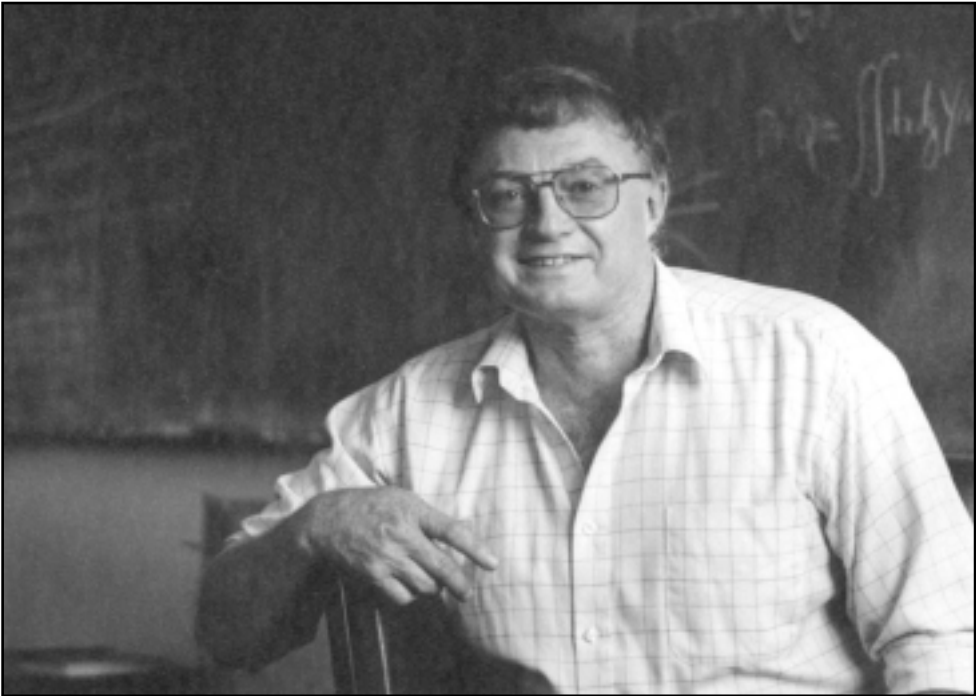
In 1985, the Teletraffic Research Centre

(TRC) was set up to provide contract research services to the telecommunications industry. Bill was one of the founding staff members of the TRC and, after contributing in various roles, he became Director in 1992. The fact that the TRC still exists and is flourishing today is largely due to his efforts.

Bill will be remembered by his students as an inspiring lecturer. He was responsible for a significant number of students deciding to take up study of applied probability at Honours and PhD level. Once students reached this level, Bill was an enthusiastic supervisor who was always coming up with ideas. He was also extremely generous; for example, he used the funds he personally earned from his TRC activities to support travel by his graduate students to overseas institutions and conferences. They all benefited from this exposure to the international applied probability community, and many of them have gone on to make substantial contributions.

Bill also had a wider involvement in the cause of applied mathematics in the university, national and international environments. He took part in departmental governance, organised conferences, including the 1985 ANZIAM conference, and was regularly invited to speak both in Australia and overseas.

He was also a fun-loving person who took a leading part in any social activities that were happening. Bill played competitive rugby into his 40s, but was also keenly interested in all sports, and became a keen supporter of



Associate Professor Bill Henderson. Photo courtesy of the Teletraffic Research Centre.

both the Adelaide Crows and Port Power.

In 1998, Bill was diagnosed with kidney and bowel cancer. He fought the cancer with great bravery, not allowing it to get on top of his usual good humour. There were several times when it seemed that he might have beaten it, and then bad times when it re-appeared. The cancer finally won the battle on April 27, 2001, but not before Bill shared

a joke with his wife Marilyn and a nurse within an hour of the end.

Bill has been survived by Marilyn, children Mark, Iain and Kirsty, and nine grandchildren. He was a great bloke, who showed how life should be lived. He will be sorely missed.

—Charles Pearce, Peter Taylor and Ernie Tuck

## Emeritus Professor James H Michael

Emeritus Professor James (Jim) H Michael died suddenly on 17 April 2001, aged 81 years.

Professor Michael's academic career in mathematics began in an unusual way. Jim was born at Stirling North and attended the local primary school, and then the high school at nearby Port Augusta. He left school at the age of 14 to work on his family's sheep property.

During the war, Jim served with the 2/7th field regiment in Egypt, Syria and Palestine, earning the Africa Star with clasp, and then at Tarakan in the Pacific, earning the Pacific Star.

Towards the end of his active service in the AIF from 1940 to 1945, he took advantage of the Army's educational program to matriculate and pass first year University mathematics.

On his discharge he enrolled at Adelaide University under the Commonwealth Reconstruction Training Scheme.

He graduated with First Class Honours in Mathematics in 1951, with an MSc in 1953, and with a PhD in 1957. He was the first Adelaide PhD graduate in mathematics.

After spending some time at the universities of Manchester and Glasgow while on a Nuffield scholarship, Jim returned to Adelaide in 1958 to take up an appointment as a lecturer in the Mathematics Department. He was promoted, in turn, to Senior Lecturer, Reader, and then Professor.

He did not take kindly to the professorial administrative obligations and resigned his professorship, reverting to being a Reader in 1970.

He was elected as a Fellow of the Australian Academy of Science in 1973. A remarkable achievement for an early school leaver!

Jim fulfilled a leadership role in the



Emeritus Professor James Michael.

Department of Pure Mathematics, from its establishment in 1971 onwards. He served as Head/Chair in 1973 and 1975. He made continuing major contributions to all aspects of the academic work of the department, to its smooth running, and to its research standing, both national and international.

He was a very good lecturer at all levels. In general, a quiet man of few words, but at the blackboard in front of a class, he was confident, clear, and compelling. He had the unusual gift of being able to make difficult concepts in mathematical analysis accessible to students.

Jim was active and successful in research in mathematical analysis. He had a great deal of influence on the course of mathematics, and in particular analysis, in Australia.

He contributed significant and influential works in several fields of analysis, particularly partial differential equations. He also supervised graduate students who have gone on to successful mathematical careers.

Jim retired from his academic duties in Adelaide, but not from mathematics, at the end of 1983. The J.H. Michael Prize, awarded to the highest placed candidate for Level II Pure Mathematics, was established in honour of his teaching.

In July 1984, a mini-conference on Nonlinear Analysis in his honour was held at the Centre for Mathematical Analysis at the Australian National University, Canberra. He continued his research activity in a fruitful collaboration with W.P. Ziemer of the University of Indiana. His research led to 26 publications, the last being with Ziemer in 1991.

Jim had a long and distinguished involvement with rifle shooting. He was captain of the University Rifle Club for two years and shot in three Intervarsity competitions, gaining his University Blue. He continued competitive rifle shooting to the end of his life.

Jim Michael was a quiet, gentle man who commanded the respect of colleagues, students and all who knew him. He devoted meticulous care to every activity he undertook, whether mathematical, administrative or recreational.

His colleagues, both in Adelaide and beyond, remember him with affection and with deep respect for his integrity and his concern for others as well as his outstanding mathematical achievements.

Jim was devoted to his family. He is survived by his wife Pat, his daughter Mary Jane, his son Philip and two grand children.

—Ren Potts, with assistance from Jane Pitman and John van der Hoek

## Nancy (Nan) Smith: 1926-2001

The University community has lost one of its most collegial yet unobtrusive members. Nan Smith was originally one of those dedicated staff in Sands and MacDougall's famous sometime book and stationery shop in King William Street between Rundle and Grenfell Streets. As a young woman she then joined the Women's Royal Australian Air Force and served in Melbourne until the end of WWII.

Nan was an avid world traveller. Her first two children, Kendall and Lindsay, were born in England and her second two, Morgan and Steven, back in Australia. She did publicity work for Channel 10 and then for the ABC both in Adelaide and in Sydney where she was the ABC's Head of Publicity. She was also responsible for the Publicity for many of the Theatre Guild's great productions in the 1960s. They included two Patrick White World Premieres "The Season at Sarsaparilla" and "Night on Bald Mountain" and the World Premiere of Hal Porter's "Toda San".

Nan also collaborated in many productions with her great friends, the late Daphne Grey (Kirkland) and the Royal Academy of Dramatic Art actress Barbara West. Daphne was an English Repertory professional actress who made her Adelaide debut in the Guild's production of Shakespeare's "Love's Labour's Lost" as the Princess of France. Two of Barbara's many performances for the Guild were in plays by Berthold Brecht namely as Yvette in "Mother Courage" and as the prostitute Shen Te in "The Good Woman of Setzuan".

Nan Smith became a skilled and adored schoolteacher. For more than half her life she nurtured her four children as a single mother. They and their children have all benefited from her love of literature, of music and of the theatre and of her decency, integrity, respect for others and of her sense of service.

The Guild and the Alumni Association were both represented at her Memorial Service in the Florey Chapel at Centennial Park on Thursday 17 May 2001.

—Harry Medlin



# Red wine researcher heads overseas thanks to Mutual Community

AN ADELAIDE University student studying the potential health benefits of a drop of red wine is one of the latest recipients of the Mutual Community Postgraduate Travel Grants.

The grants are aimed at helping young researchers to further their studies and attend major events relevant to their work.

Recipients from the May round include Lisa Kettler (Psychology), Yvette Ek Hiang Tan (English) and William Greenrod (Clinical & Experimental Pharmacology).

William Greenrod plans to travel to conferences and research institutions in Europe and Singapore to further his studies on the effect of moderate wine consumption on cardiovascular disease and cancer risk.

His work is based on illuminating the science behind the “French Paradox”. It’s based on an observation late last century that despite an equally high incidence of risk factors, such as heavy smoking, a sample of men in the south of France had a very low incidence of cardiovascular disease compared with men elsewhere in the world. The most apparent difference was the French’s fondness for red wine.

Based at the CSIRO’s Division of Health Sciences & Nutrition, Will is hoping to link the protective effect to a particular component of red wine.

“For its volume, red wine contains a high level of compounds called polyphenols. One example is catechin, a compound also present in green tea,” he told the *Adelaidean* last year.

These compounds are thought to act as dietary antioxidants, helping in the fight against ‘bad’ cholesterol, which forms



Will Greenrod, heading to Singapore and Europe with a Mutual Community Postgraduate Travel Grant. Photo: Joan Soon.

deposits in the arteries and restricts blood flow.

Although the polyphenols in red wine have been shown to act as antioxidants in a test tube-environment, Will is now studying South Australian men aged 40-60 to determine if the human body can actually absorb these compounds from wine. If so, do they act as protectors of the cardiovascular system? And does it

matter whether or not the red wine has alcohol in it?

Since heart disease is Australia’s number one killer, scientists and the public are keenly awaiting the answers.

The deadline for applications to the next round of Mutual Community Postgraduate Travel Grants is 14 September.

—David Ellis

### NEW MERCHANDISE RANGE!

Come in and view our new merchandise range available from the Alumni, Community Relations and Development office, Level 1, 230 North Terrace.

The new range includes champagne stoppers in matt silver, luggage locks and pens, engraved with Adelaide University logo, as well as redwood paper weights and bowls.

## Cornell Chapter annual film night



THE CORNELL CHAPTER (Arts & Performing Arts) will be holding their annual film evening on August 16 at the Trak Cinema with the opening night screening of “Captain Corelli’s Mandolin”.

This film, which commences at 6:45pm, is based on the novel of the same name authored by Louis de Berniere. All tickets are \$10.00 and include live mandolin music and a glass of complimentary wine prior to the screening.

Tickets are available from the Alumni, Community Relations and Development office, Level 1, 230 North Terrace or at the door on August 16.

This is the Cornell Chapter’s annual fundraising event—we look forward to your support.

Further details to appear in the August *Adelaidean*.

## Queen’s birthday honours list

CONGRATULATIONS to those members of the Adelaide University alumni community acknowledged in the recent Queen’s Birthday Honours List.

The following people have made invalubale contributions to their fields of expertise, their professions, and to the community as a whole:

**Officer in the Order of Australia (General Division)**

Dr John A O’Loughlin, AO

**Member in the Order of Australia (General Division)**

Dr Michael D Bollen, AM  
Professor John K Findlay, AM  
Ms Janine Haines, AM  
Dr David J Hill, AM  
Dr Peter C Joseph, AM  
Ms Alison J Kinsman, AM  
Dr Anthony J Shinkfield, AM  
Professor Paul Z Zimmet, AM

**Medal of the Order of Australia (General Division)**

Dr Rodney F Carter, OAM



Ben Yengi, winner of an OAM for his services to migrants, refugees and multiculturalism.

Dr Margaret R Kyrkou, OAM  
Dr John C Radcliffe, OAM  
Mr Kevin C Rogers, OAM  
Mr Ben L Yengi, OAM

**Australia Fire Service Medal**

Mr Anthony J Wiedeman, AFSM

**Public Service Medal**

Dr Ann P Hamblin, PSM

## Thanks for your business cards

THANK YOU to our alumni who have already responded to our call for business cards announced in the June *Adelaidean*.

To date we have received business cards from alumni in South Australia, Queensland, New South Wales, the ACT and Tasmania.

The Alumni, Community Relations and Development office will be profiling the Alumni Association as part of Adelaide University’s Open Day on 19 August 2001.

Our visual display, including your business cards, will highlight the diversity of our alumni to prospective students and their parents. Your support in showcasing our Association and University will be most appreciated. The cards will be used solely for this purpose and will not be distributed to a third party.

There is still time to send in your cards. For further details please contact Kim McBride at (08) 8303 3196.

## ALUMNI NEWS

### ALUMNI ASSOCIATION ANNUAL GENERAL MEETING

The Alumni Association held its Seventeenth Annual General Meeting on 19 June in Union Hall, Adelaide University.

Approximately 60 members enjoyed an informative presentation by Mr Ian Harrison, Chief Executive, SA Business Vision 2010 who spoke on the recent report commissioned by SA Business Vision 2010 entitled “Strategic Review of the South Australian Higher Education Sector”.

The Mutual Community Postgraduate Travel Grant recipients for 2000 were also presented with certificates by Mr Eric Granger, State Manager for Mutual Community.

Thank you to all alumni who participated in this event.

### PUBLIC LECTURE

The Science and Mathematical Sciences Chapter held its second public lecture for 2001 on June 27 in the Rennie Lecture Theatre, North Terrace campus.

The presentation, entitled “Geophysics and Airborne Exploration for Minerals”, was given by Professor David Boyd.

### PRESENTATION

The John Bray Law Chapter will be holding a presentation in August (date to be confirmed) entitled “Murder in Paradise” to be given by Justice Andrew Wilson.

The talk will look at a former case presided over by Justice Wilson when he was a Justice of the Supreme Court in Samoa involving the murder of a Minister in the Samoan Government.

Further details will appear in the August edition of *Adelaidean*.

### INTRODUCTION TO NEW STAFF

The Alumni, Community Relations and Development office is delighted to welcome four new staff members who have recently joined us in 2001.

Each team member brings with them valuable skills and experiences which enhance the overall Alumni, Community Relations and Development activities:

- A warm welcome to:
- Joan Soon, Alumni and Community Relations Assistant
  - Rob Wild, Database/Research Officer
  - Rosslyn Cox, International Alumni Relations Officer
  - Nicole Stones, Office Administrator & Personal Assistant to Director
- The Alumni Association would also like to welcome two recently co-opted members of the Executive Board, Ms Margaret Owen and Mr Aaron Witthoef.

## Campus Tours



Learn about the history and heritage of Adelaide University on a free tour conducted by trained guides from the University’s Alumni Association.

Tours depart each Tuesday morning at 10.30am from University Gate 20, next to the Art Gallery of South Australia on North Terrace.

Groups may make arrangements for tours at other times by calling the Alumni, Community Relations and Development office on (08) 8303 3234.



www.adelaide.edu.au/SEV

July 2001

**the Adelaide Festival of Ideas ON AIR**

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**12 noon to 1pm Monday to Friday July 16 -27**

Featuring speakers including

journalist and author of *No Logo* **Naomi Klein**, astronomer **Owen Gingerich**, ecologist, scientist & activist **Vandana Shiva**, biologist, author & Director of the SA Museum **Tim Flannery**, philosopher **Raymond Gaita**, anthropologist & addiction specialist **Virginia McGowan**, reconciliation advocate & ex-director of the NFF **Rick Farley**, historian & author **Jackie Huggins**, writer (drugs, women, technoculture) **Sadie Plant**, education & culture activist, writer **Mbulelo Mzamane**.

See our Program Guide for our ongoing program of public talks every Sunday at 11am, including more of the Festival of Ideas. SUV Radio Adelaide is recording and broadcasting the 2001 Festival of Ideas in partnership with the State Library of SA.

Subscribe to SUV Radio Adelaide in July & you'll go into the draw to win 5 concert double passes to the Adelaide Symphony Orchestra season 2001 valued at \$316 ring us on 8303 5000 for details

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# A hot Russian evening awaits

PASSIONATE music from the heart of Russia and westward from Czechoslovakia features in *From Russia with Love*, the second concert of the 2001 Elder Conservatorium Evening Concert Series on 21 July at Elder Hall.

Keith Crellin conducts the Elder Conservatorium Symphony Orchestra in a stirring program of Kabelevsky, Rachmaninov and Dvorak. After sixteen years as a foundation member of the Australian String Quartet, performing extensively throughout Australia and internationally, Keith Crellin is now Resident Conductor at the Elder Conservatorium, as well as Senior Lecturer in Viola and Co-ordinator of Chamber Music. Widely recognised as a dedicated and inspiring teacher, he is a former Principal Conductor of the Tasmanian Conservatorium Orchestra and Chief Conductor of the Tasmania Youth Orchestra.

The featured soloist in Rachmaninov's Piano Concerto No 2 is Lee Swan Tang, who is currently completing her Masters in Music with Stefan Ammer at the Elder Conservatorium. Originally from Malaysia, she was awarded the Adelaide University International Student Scholarship and also the Wilf Mader Medallion for the most promising pianist. She has appeared as a soloist and chamber musician at the Barossa Music Festival, the Adelaide Festival and for the Australian Society of Keyboard Music, and has also performed extensively in Maylasia and Singapore.

Sergey Rachmaninov was a brooding Russian who upheld the passion and power of the Romantic tradition. All of his piano concertos are very difficult to play, but of the



four, Piano Concerto No 2 is the most popular. It is dedicated to Rachmaninov's hypnoterapist, who restored him to creativity after a crisis of confidence, and is a wonderfully optimistic work crammed with soaringly beautiful music.

Antonin Dvorak was the most prominently nationalistic Czechoslovakian composer, whose influence on the development of a national voice was the most original and lasting. Dvorak's exhuberant Symphony No 8 is dominated by one of his most inspired melodies, evoking country life and infectious rustic dances.

—Di Kidd  
Concert Manager

**From Russia with Love**

Saturday 21 July - 8.00pm at Elder Hall  
Elder Conservatorium Symphony Orchestra  
Conductor - Keith Crellin  
Soloist - Lee Swan Tang (piano)

KABALEVSKY	<i>Colas Breugnon Overture</i>
RACHMANINOV	<i>Piano Concerto No. 2</i>
DVORAK	<i>Symphony No. 8</i>

Tickets: Adult \$22 / Senior/Conc \$14 / Students \$8.

BOOK at BASS 131 246 or good seats at the door.

## CASM to shine at national music conference

Adelaide University's Centre for Aboriginal Studies in Music (CASM) will present a number of papers and workshops as part of Adelaide 2001: a musical odyssey, 6-10 July.

The event, the 13th national conference of the Australian Society for Music Education, promises to be an exciting 'odyssey' for music educators.

Held at Adelaide University, the conference presents the latest developments and practices in a wide variety of aspects of music education.

The keynote speakers for the conference are:

- **Dr Frances Rauscher** (Psychology, University of Wisconsin, Oshkosh)

- **Professor Bennett Reimer** (formerly holder of the John W. Beattie Endowed Chair in Music at Northwestern University, Chicago, Professor Reimer is internationally recognised for his definitive book).
- **Professor Miraca Gross** (Director of the Gifted Education, Research, Resource and Information Centre at the University of New South Wales, Sydney).
- **Dr Martin Comte** (formerly Professor of Music Education and Associate Dean in the Faculty of Education at RMIT University, Melbourne).
- An additional guest speaker for the Conference is **Professor George Odam** (formerly Professor of Music Education at Bath Spa University College).

The wide range of conference highlights includes:

- more than 30 workshops and 50 papers;
- specially selected school performing groups;
- Gala Opening Concert;
- Young Composers Concert in conjunction with the Adelaide Symphony Orchestra;
- research and curriculum forums;
- panel discussion, chaired by Professor Malcolm Gillies
- post-conference Musicianship Symposium.

Program information is available at: <www.asme2001.mtx.net>.



## NEWSMAKERS

Disturbing findings about the "cult" of anorexia propelled anthropology PhD student **Megan Warin** into the media spotlight.

Her investigation of the social effects of anorexia on 46 women and men in Australia, Canada and Scotland attracted the interest of BBC Radio, *The Canberra Times*, *The Daily Telegraph*, *The Northern Territory News*, *The Age*, 5CK Radio and 5AA Radio, among others. Although usually associated with the young, anorexia is also a serious problem among some older people, according to **Dr Ian Chapman** and PhD student **Caroline MacIntosh**, whose award-winning study, *The Anorexia of Ageing*, was highlighted by *The Advertiser* (8 June). They found that a substantial number of older people, especially in nursing homes and other institutions, are at risk of, or suffer from, malnutrition.

On study leave in the UK, **Dr Clem McIntyre** found himself taking on the role of on-the-spot radio reporter. He linked

up with Cameron Marshall and David Bland of 891 ABC's Drivetime to provide South Australians with up-to-the minute news and analysis of the UK elections (7 and 8 June).

Women's health issues were much in the news. **Professor John Kerin** spoke to Channel 10 and *The Advertiser* (16 June) about the development of a new contraceptive which promises permanent birth control without invasive surgery. On Triple M, SA FM and in *The Advertiser* (13 June), **Professor Rob Norman** highlighted "a significant increase" over the past two years in the rate of pregnancies through assisted conception techniques. **Dr Caroline Smith** was interviewed by 891 ABC and *The Advertiser* about a trial being undertaken among 300 pregnant women in Adelaide to determine the effectiveness of ginger in combating morning sickness.

In the *Sunday Mail* (3 June) and *Portside Messenger* (13 June), PhD student **Melissa Whitrow** spoke about the disappointing

response to the Lung Cancer in North West Adelaide Study. The study began 18 months ago but, so far, only 36 of the required 140 people with lung cancer have participated.

**Dr Margaret O'Hea's** archaeological work in North Jordan was highlighted by *The Advertiser's* Tim Loyd in an article about the arrival of 16 additional artefacts at the University's Museum of Classical Archaeology. Another recent arrival soon to go on public display is the brain of philosopher **Dr Ullin Place**. A lecturer at Adelaide University in the early 1950s, Dr Place invented the idea that consciousness is nothing but a matter of physical processes of the brain. Before his death in the UK in January this year, he bequeathed his brain to the University. **Professor Chris Mortensen** told *The Advertiser* (7 June) that Dr Ullin even dictated the inscription he wanted on the accompanying plaque: "Did this brain contain the consciousness of U.T. Place?"