Getting to grips with the challenge of pests

Researchers at the University of Adelaide have accepted a new challenge: to help rid Australia of unwanted pest animals such as the European rabbit, the European red fox and the introduced house mouse.

The University is a core participant in the new national Cooperative Research Centre for the Biological Control of Pest Animals (Pest Animal CRC).

Teams from the Departments of Microbiology and Immunology, Biochemistry, Obstetrics and Gynaecology and Animal Science will provide expertise in reproductive biology and vaccine development to help develop fertility control agents for the introduced species.

Feral pests continue to be a major problem in Australia, causing devastating environmental and economic damage every year.

New methods of control are needed to replace the current use of toxic chemicals.

The new CRC will build on work which was carried out under previous CRCs (Vertebrate Biocontrol CRC (http://www.dwe.csiro.au/vbc/), and ensure that specific fertility control agents for the rabbit, the fox and the mouse will be developed and applied.

The fertility control agents are vaccines that prevent reproduction. They are formulated to be delivered orally in a bait or remotely through a virus which specifically infects the target pest animal population.

The control agents will be cost-effective and environmentally friendly. They will also reduce the impact of the pest to acceptable levels, be more humane and retain their effectiveness over time.

The Chief Executive Officer of the new CRC, Dr Bob Seamount, said:

“Laboratory proof of the feasibility of developing these new agents has been obtained. The Centre’s challenge is to develop the agents to the necessary level of efficacy and environmental safety required for their release.”

Researchers at the University of Adelaide will contribute to the Strategic Options Sub-program, designed to support the basic science crucial for product development and to generate new ideas in the development and application of the research.

In the long term the technology developed could be applied to control other pests, such as the feral cat and feral pig.

The Federal Government will provide $14 million of the $56 million budget to fund the Centre over the next seven years. This money will be well spent since rabbits alone are estimated to cost more than $600 million each year in lost production.

The Pest Animal CRC is based in Canberra but will coordinate research activities of teams from the Australian National University, University of Western Australia, University of Adelaide, University of Sydney, CSIRO Wildlife and Ecology, Western Australia Department of Conservation and Land Management and Agriculture Western Australia.

— Story courtesy of Pest Animal CRC

New Deputy Chancellor urges greater business support for universities

The new Deputy Chancellor of the University of Adelaide, Mr Brian Croser, has highlighted the “relative vacuum” of business philanthropy in support of universities in Australia.

Mr Croser made the comments recently at the launch of the Ian Cocks Memorial Trust, named after the late South Australian business and community leader.

Mr Croser, who later that same day was confirmed as Deputy Chancellor, said the trust would “fund active exchange of people and ideas in and out of the University of Adelaide in the areas of grape and wine production, marketing, tourism and engineering for manufacturing.

These were all areas of interest to Mr Cocks, who served on the boards of several companies, including Mr Croser’s Petaluma Ltd.

Mr Cocks, who died tragically in the 1997 Classic Adelaide Rally, also played a key role in bringing the Formula One Grand Prix to Adelaide in 1985.

“The trust is not just about a man after whom it is named,” Mr Croser said.

“It is a concept in support of generational change—a concept Ian Cocks himself would have wholeheartedly supported.”

He said there was an area of business philanthropy which was “sadly underdeveloped in this country and probably in Adelaide, in particular”.

“In America, the concept of endowments to the great teaching and research institutions is well developed to the immense benefit of the American economy.”

Continued Page 4
Having been interested in human rights issues for many years, I took time off in February and March this year to participate in the Australian Delegation as an international observer of the 1999 Presidential Election in El Salvador

El Salvador is a beautiful country, generally lush and green. It is also a relatively poor country, although its capital San Salvador is the most modern city in Central America. Most of its population is still engaged in subsistence agriculture. One third of the population lives in extreme poverty, and most of these are illiterate.

Today the homes of the middle class and rich are protected by rows of razor wire. Private armed guards are ubiquitous, guarding both homes and shops. It is the most violent country in Central America with about 4700 homicides per year, mostly from shootings. This equates to a staggering 20 deaths per day.

The poor people in El Salvador have been oppressed for centuries. The latest round of intense oppression started in the early 70s and increased until the rural people started taking up arms.

While there is no official starting date, the war against the government is generally thought to have begun around 1980 and ended in 1992. Throughout this entire period, torture, intimidation, rape, murder and disappearances were common. What I saw in this country was initially lived in the fighting, towards the end they became increasingly random. No one was safe.

Like the United Kingdom, there are two levels of government in El Salvador. The national president is elected every five years. The president has the power of veto, and in some areas (for example, national security) has unilateral powers.

The international observer role of the Australian Delegation was a chance to get some experience in various fields. Most had some connection to El Salvador—sometimes in the country, while others had worked with El Salvadorian refugees in Australia.

As official observers, we had been told it was important to remain impartial at all times. Our role was to report on what we saw, not to comment or give our own personal views. We were free to ask simple questions of individuals or election officials, but we were to avoid bias in who we questioned or what we asked. This was also the venue for any questions of individuals or election officials, but we were to avoid bias in who we questioned or what we asked. We were to avoid giving the appearance of "interrogating" people and were not get into a debate.

Previous international delegates who observed the 1994 and 1997 elections had found an alarming level of fraudulent activity. For example, the voting procedure is so complex that only about one third of the population actually votes. Bureaucratic procedures required to obtain a voting card are so complex that at least 20% of the population is ineligible to vote and there is evidence of bias as to which regions receive voting cards.

Many Australians have to vote several hours to vote, discouraging voter turnout and disadvantage the poor. In addition, many dead people are still on the electoral roll, and it's been proven that some of the deceased have officially "voted" in past elections.

We had learnt of the recommendations for electoral reform which had been proposed by international observers and previous observers, but knew that no action had been taken to implement them. Our mission there was to have an opportunity to further assess the recommendations and look for other examples of bias or corruption.

During our visit, the extent of the army's brutality during the war was hammered home by a visit to the Jesuit University of Central America (UCA). This is where the murder of six Jesuit priests and two women co-workers took place on 16 November 1989. That day marked a dramatic change in media attention and international awareness of the war, and pointed to the fact that it was being waged against "communist guerillas", but against the country's own people. This event and the earlier assassination of Archbishop Romero, also from UCA, have come to symbolise the struggle and suffering of the El Salvadorian people.

On Sunday, 7 March was Election Day. We started very early at 3.45am to observe all the procedures used in preparation for voting. The polls were open 4am to 6pm.

To account for the high level of illiteracy, the voting procedure requires that a cross be put through the candidates' names and signatures of the voter under each, rather than by putting numbers in boxes next to names. Each voter can only vote at one booth in the entire country, which is found in the town at which they lodged their application. The polling centre which I observed had 44 voting booths, each of which had 400 names and voting papers. After voting each person must either sign their name or have a fingerprint taken, and their finger is dipped in indelible ink to prove they have voted.

One thing that surprised me about polling day was the carnival-like atmosphere. Many people arrived, voted, then hung around to celebrate the big event. This carnival atmosphere was assisted by the large display of party colours, mostly dominated by the government's party, ARENA.

In our municipality, things went very smoothly. There were no long queues, different parties were cooperative and amicable. Our group saw no elements of intimidation in the polling process, or in the voting process or in the counting—on the contrary, the procedures seemed well understood and were generally well followed.

Continued Page 6
Forum hears ideas on trimester options

The University of Adelaide is exploring the introduction of a third study period at the end of the academic year in the northern hemisphere. The Vice-Chancellor, Professor Mary O’Kane, told a forum of 100 academic staff recently that in a climate of increasing government funding, a trimester system was one option for raising University revenue.

“We have to face the fact that we need to be able to pay world-competitive salaries and provide world-competitive conditions to our staff,” she said.

“The idea of a trimester system is an important dialogue we have to have.”

The Deputy Vice-Chancellor (Education), Professor Boumella, said 27 Australian universities, including several of the Group of 8, already had some form of summer study program. She said a trimester system would aim to:

- provide greater flexibility of entry and exit points for students
- maximise the use of University facilities
- achieve a better “fit” with the academic year in the northern hemisphere
- enable students to finish their degrees more quickly on a voluntary basis
- improve coordination of services to students in the areas of lifelong learning and professional training, and
- increase the University’s earning capacity through its core activities.

Professor Boumella said it was essential that a trimester system did not lower the quality of existing academic work or increase staff workloads. Academic staff would probably be expected to participate in only two of the three study terms.

She said three of the models to be considered were a summer period of non-award courses lasting about six weeks; an intensive program of award subjects targeting repeat and other students on a fee-paying basis and a half-year, re-fee-paying optional third study term.

Professor Boumella said many students had expressed an interest in finishing in a trimester system.

These included restructuring the academic program, leave and workload management, selection and admission procedures, administrative processes, quality assurance and budgetary issues.

“It may be desirable to look at a phased introduction, starting with a relatively small summer school,” Professor Boumella said.

“But the fact that so many universities have found it possible to proceed (with a trimester system) suggests that we can do it too."

Staff are invited to submit ideas and comments to Professor Boumella through her Senior Executive Officer, Mr Gary Martin, gary.martin@adelaide.edu.au

— John Driscoll

Mary O’Kane

The Federal Government has finally released its long-awaited Green Paper on research and research training. Entitled “New Knowledge, New Opportunities”, the paper reads well at first. Issues which have caused concern in early drafts—such as the future of the peer review and of the Australian Research Council—are addressed early on. Peer review is affirmed as the proper mechanism for assessing high quality research; the future of the ARC as a research-funding body is a central plank of the paper. And there are other good things in the scene-setting early chapters. The importance of internationally competitive research undertaken in Australian universities is acknowledged, as is that of research concentration. Furthermore the paper asserts the need for research training to be carried out in a high quality research environment. The economic spin-offs of nurturing the research base in our universities is emphasised. Big tick. The scene setting and the principles seem fine. When, however, one looks at the proposed fund, one finds the concept marred by mismatch between these principles and the likely outcomes is quickly revealed. While the ARC is the right model, an independent granting body it will actually lose funds. It will no longer be involved with research training in the paper, and the budget process are not addressed at all. There is a real danger that the ARC could become a small, irrelevant voice. I believe formal mechanisms must be spelt out in order to guarantee the continuation of funding for high-quality university research.

Perhaps the most interesting of the new arrangements proposed in the paper is the creation of two new schemes to be operated by the Department of Education, Training and Youth Affairs. The first of these schemes is the Institutional Grants Scheme and the Australian Postgraduate Research Student Scheme. These are federal schemes which provide some general support to research and research training, and fund research training projects.

Despite the rhetoric about research concentration in the first part of the Green Paper, these mechanisms would spread the research and research training far more thinly. (Adelaide would lose approximately $1.5 million in the first instance if the formula in the paper were applied.) There seems to be no mechanism to connect high quality research training with high quality research. And in the formula which determines the allocation of public funding, research-related income is no longer weighted differently according to sources, public or private. In other words, underlying the new mechanisms is the message that Government wants increasingly to shift the burden of funding research in universities out of the public sector. Obviously this is not a move trying to enhance Australia’s already high research output.

This is another case in which stated principles might be laudatory but many devils are in the detail. Our job now is to ensure that these devils are very firmly exercised, and that research funding programs which will achieve the paper’s vision are put in place.

— John Driscoll

P.S. Thanks for all the positioning line suggestions.

JULY 12, 1999 PAGE 3
Toxic Nanny stereotype a backward step

MOVE OVER, Mary Poppins—there’s a new nanny in town.

The Toxic Nanny, that is.

Not content with simply looking after the children and carrying out domestic chores, this nanny wants power, revenge, and... daddy. Evil to the bone, more than happy to wreak havoc on the average family to serve her own twisted needs, the modern-day nanny is a real killer.

At least, that’s what the movies would have you believe.

According to University of Adelaide English Writer Dr Joy McEntee, the cinematic representation of nannies over the years has not been pretty. And even worse, she believes the image created of nannies in the movies has affected the way the public views real-life nannies and the families who hire them.

Dr McEntee, who was herself a nanny while studying for her PhD, recently presented an English seminar called “The Turn of the Shrew: Domestic Surveillance and the Toxic Nanny in the Movies”.

“Even in recent news reports, the nanny has been quick to pick up on. The movie stereotype is that the nanny is not a professional, she’s just too stupid to do other work. And if she’s not stupid, she’s too suspect to hire.” Dr McEntee said.

“In many films the nanny is shown to be ‘reproductively disabled’ or unable to establish her own family, and so she tries to incorporate herself into the family for which she’s working.”

“This ignores the fact that many real nannies are professionals who work in order to make money, not to take over other peoples’ families.”

“The movie stereotype is that the nanny is not a professional, she’s just too stupid to do other work. And if she’s not stupid, she’s too suspect to hire.” Dr McEntee said.

In “The Hand that Rocks the Cradle” (1991), The Nanny (1965) and Don’t Bother to Knock (1952), nannies sow seeds of doubt, suspicion and insecurity which poison the lives of families forever.”

With the exception of Mary Poppins (1964), she said movies very rarely show nannies in a good light, “unless the nanny is dead”. This is because, in most cases, the nanny poses little risk to the family structure when the mother is out of the picture.

But what happens when the mother is still around?

“In these cases, the mother is portrayed as a ‘shrew’—a turbulent, unquiet wife—a woman not content to stay home and mind the kids,” Dr McEntee said.

In “Pee Wee’s Big Adventure” (1985) and “The Devil’s Advocate” (1997), the image created of nannies in the movies is one of a market for a new surveillance device: the Nanny Cam.”

“Paranoia generated by cases like those of Louise Sullivan and Louise Woodward has even been used to open a market for a new surveillance device: the Nanny Cam.” This kind of paranoia about nannies and the safety of children has a number of flow-on effects for women, Dr McEntee argues.

“It makes it harder for mothers to leave the house because they’re getting the message that not only are they doing something wrong by hiring a nanny and handing over their ‘maternal labour’, but they could also be putting the children in the care of someone who is potentially dangerous.”

“It’s a step backward for women—both mothers and professional nannies—because it disenfranchises them. That’s particularly disturbing in today’s society, where there’s a widespread need for child care,” she said.

— David Ellis

More business support urged

From Page 1

“In Australia there is a relative vacuum of business support for the institutions which can make the generational change. It is the universities which, almost uniquely, can make Adelaide a better economy, a better place to live and work in the long term.”

The trust aims to establish a capital fund of $1 million, and Mr Croser presented the Vice-Chancellor, Professor Mary Croser with a cheque for $100,000 from Petaluma Ltd.

“I hope this precipitates an avalanche of like support from the friends and admirers of Ian Cocks, his life and work and from those who empathise with the ambitions of the trust,” Mr Croser said.

“The trustees include Mr Cocks’ widow Sue, Professor O’Kane, Mr Croser, a Senior Partner of BDO Nelson Parkhill, Mr Ian Martens, and the Managing Director of Gerard Industries, Mr Rob Gerard. Sue Cocks and son Nick both attended the launch in the foyer of the University’s Mitchell Building.

Professor O’Kane said she was “very pleased that the University can help perpetuate Ian’s enthusiastic and effective role in building South Australia’s economy and quality of life”. Mr Croser’s election as Deputy Chancellor follows the retirement of Senior Deputy Chancellor Mr Jim Bettison and the resignation of Deputy Chancellor Ms Janine Haines.

He has well-established links with the University through the Department of Horticulture Viticulture and Oenology and the new Wine Science Laboratory.

He was born and educated in South Australia, graduating with a Bachelor of Agricultural Science from Adelaide University in 1969.

He was President of the Winemakers Federation of Australia from 1991 to 1995 and was re-elected to that position in September 1997.

— David Washington

New Executive Dean for Humanities & Social Sciences

THE PRESIDENT of the Australian Academy of the Humanities, Professor Malcolm Gillies, has been appointed Executive Dean of the University of Adelaide’s Faculty of Humanities and Social Sciences.

Professor Gillies has qualifications in Classics, Music and Education and is a noted musicalologist.

He is President of the National Academies Forum and has been Professor of Music at the University of Queensland since 1992.

He was Dean of the Faculty of Music and Head of the Department of Music from 1992 to 1997.

He is also an opera and music critic for The Australian.

Professor Gillies will take up the position on 1 October.
**Adele ADELAIDEAN JULY 12, 1999 PAGE 5**

Dr Amery, a Lecturer in the Centre for the way we manage the city”.

“With the right sort of presentation it could make a very gripping couple of hours,” he says. “Its study of the predicament of meaning in a deeply corrupt political system might have some meaning as the end of the millennium approaches.”

Sejanus is the first leg of a Ben Jonson double from the Theatre Guild. Full-scale reconstruction of Jonson’s great comedy Volpone opens in the Bakehouse Theatre, Angas Street on Saturday 7 August.

**‘Appalling’ play up next for Guild**

**Ben Jonson’s Sejanus— is it a neglected masterpiece, or deservedly unproduced?**

Written in 1603, the play is the first of two “classic curiosities” to be produced as moved plays at the University of Adelaide Theatre Guild this year.

Director Tim Mares says Jonson’s study of Roman politics in their decline under Tiberius is “black, angry and deeply pessimistic” but also a kind of “appalling comedy” that all adds up to an “extraordinary and powerful” play.

The ground is not the only place for greenery, according to Environmental Studies students (from left) Sally Gartelmann and Jessica Walden. Photo: David Ellis

**Rob Amery and Eddie Peters—honored by NAIDOC. Photo: David Washington**

**Evaluating the Garden**

**‘Appalling’ play up next for Guild**

The students consulted Adelaide City Council regarding planning requirements and were told that gardens could be developed atop most city buildings, and planners were keen to encourage it.

“Many other places use rooftops to create gardens, and we think cities such as Adelaide could become even more beautiful thanks to gardens like this. So many spaces can be utilised within the city,” said Sally Gartelmann.

“There are many benefits of building rooftop gardens, both environmental and economical,” Jessica Walden said.

“Soil and vegetation have an insulating effect on buildings, making them warmer in winter and cooler in summer, and reducing energy demands. Rainwater run-off is reduced or delayed, easing the pressure on the buildings stormwater system. And it’s been shown that rooftop gardens can increase the lifespan of a roof because it’s protected against UV rays and the damaging effects of weather.”

“Of course, creating outdoor ‘green spaces’ like a rooftop garden makes the city much more attractive not only to the local community but also to tourists. By using native shrubs and bushes you increase the habitat for native birds, and the plants themselves are also important in that they help counter the effects of air pollution, which is very important in a city environment,” she said.

At this stage the design for the rooftop garden is still just an idea. But when the Environmental Futures subject begins again this coming semester, a new group of students will look further into the design and work to bring it closer to reality.

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**Awards mark Aboriginal and Torres Strait Islander Week**

**University of Adelaide**

**linguist Rob Amery has been awarded by South Australia’s Aboriginal and Torres Strait Islander community for his role in reviving the language of the Kaurna people of the Adelaide plains.**

Dr Amery was last week named South Australia’s “non-indigenous person of the year” by the National Aboriginal and Islander Day Observance Committee (NAIDOC), as part of activities to mark Aboriginal and Torres Strait Islander Week.

University of Adelaide lecturer Eddie Peters was also honoured for his contribution, being named “Mr NAIDOC” for South Australia. Mr Peters, a Torres Strait Islander, lectures in dance at the Centre for Aboriginal Studies in Music.

The pair received their awards from NAIDOC Chairperson Chris Abdulla and Lord Mayor Jane Lomax-Smith at a reception at the Adelaide Town Hall.

Dr Lomax-Smith said she was particularly pleased to see Dr Amery’s work recognised because he had helped the Adelaide City Council to become more “inclusive and open in the way we manage the city”.

Dr Amery, a Lecturer in the Centre for

**European Studies and General Linguistics**

has been a key player in the reclamation of the Kaurna language.

He has utilised historic correspondence and other materials written in Kaurna to analyse the grammar, produce language learning materials and even produce new and lost words based on his knowledge of the language’s structure.

The last fluent speaker of Kaurna died in 1929. Dr Amery’s work has contributed to a rekindling of usage of the language over the past decade.

From obscurity Kaurna language is now taught at all levels of education including at Adelaide University, becoming perhaps the first so-called “dead” language to be revived in Australia.

Accepting his award, Dr Amery paid tribute to the many Aboriginal people who had worked with him and the course of people who are now dedicated to revitalising their language.

“The Kaurna language movement has become part of the reconciliation movement, and through the language the early history of Adelaide has begun to be recognised for the first time,” he said.

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**ANZAAS Medal winner**

The 1999 ANZAAS Medal has been awarded to Professor Donald W Watts of the University of Notre Dame, Fremantle, Western Australia.

Professor Watts has had a distinguished career as a scientist, educator, senior administrator and public figure in state, national and international arenas.

He is Dean of Research and Postgraduate Studies at the University of Notre Dame. He has been awarded a Medal by the Education Committee of the Australian Council of the Academy of Technological Sciences and Engineering and is Chairman of the Board of the Western Australian technology company, Advanced Energy Systems Ltd.

Founded in 1888, ANZAAS is a key promoter of science and now has its national office at the University of Adelaide.
Change of direction proves to be a plus for Southcorp scholarship winner

A HOLIDAY JOB on the Yorke Peninsula proved a career-changing experience for George Taylor, winner of the first Southcorp Wines Scholarship.

George, a final-year Agricultural Science (Viticultural Science) student at the Waite Campus, started University life studying Mechanical Engineering at North Terrace.

“I didn’t enjoy Mechanical Engineering much,” he said. “I soon discovered I preferred it more as a hobby than as a study course.

“During my breaks, I began working with an agronomist friend on the Yorke Peninsula and developed an interest in horticulture.

“It was my friend who suggested viticulture. “Halfway through the second semester, I quit Mechanical Engineering and decided to study viticulture.

“In a way it was hardly surprising: I come from the Clare Valley, I lived next to vineyards and I’ve been interested in biology since my schooldays.”

During study breaks, George has gained valuable experience working at Jim Barry Wines in Clare.

He has also played an important part in developing the Clare Valley Winemakers Inc. Scholarship, an initiative offering students work experience opportunities locally.

As winner of the Southcorp Wines Scholarship, George receives a generous $8,000.

“I’m very thankful to Southcorp for the award,” he said.

“I’m also grateful to Peter Barry at Jim Barry Wines for all his support.”

After graduation, George hopes to secure a place in the Southcorp Graduate Development Program.

The program offers graduates the chance to further their viticultural knowledge and experience by working at Southcorp sites around Australia.

George’s special interest is in irrigation.

For his fourth year project, he is conducting irrigation research in conjunction with the Waite-based Cooperative Research Centre for Viticulture.

—from John Drisiante

Open Day 99: Information and achievements on show

OPEN DAY is expected to be bigger than ever this year, making the most of the University of Adelaide’s 125th anniversary. The date to remember is Sunday, 1 August.

Want to know how our engineers designed the flame for the Olympic Torch? Want to see indigenous music and dance? Want to follow the Science Trail and become a torch? Want to see indigenous music and dance?

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Alumni Activities

WHAT’S APPLIED AND MOLECULAR ECOLOGY?
FIND OUT by joining the Alumni Association for a visit to the Department of Applied and Molecular Ecology at Waite Campus on Wednesday, 4 August, 7:00pm - 9:00pm.
Professor Otto Schmidt and his colleagues will present a lively overview of the work done by the Department in the science and management of organisms in natural and agricultural ecosystems.
Visitors will see the Department’s facilities and hear presentations by staff about the management of pests ranging from koalas to weeds to parasitic wasps.
The new Department, which incorporates the former Department of Crop Protection, teaches and researches an integrated approach to the management of pathogens, insects, vertebrates and weeds, and the role of microbes in ecosystems. The Department also coordinates a wide variety of research programs to develop new knowledge about the biology and ecology of organisms and selected roles of humans in the functions of ecosystems.
To help with planning, please telephone the Alumni Office to make a booking: 8303 5800.
Enter the main building at Waite Campus through the Waite Road entrance and meet in the Lobby.
All graduates and friends of the University are welcome.
This activity is offered by the Alumni Association but you do not have to be a member of the Alumni Association to take part.

ACTIVE NOISE CANCELLATION
AS OUR world gets noisier, what could be more useful than a way of cancelling noise? Can we actively cancel noise by creating an "anti-noise"?
The Alumni Association invites you to a public lecture on this subject presented by Professor Colin Hansen and his colleagues at the Department of Mechanical Engineering on Tuesday 27 July, 7:00pm - 9:00pm.
Professor Hansen has been conducting research in the area of active noise cancellation for the past ten years.
He will lead a presentation about the principles and applications of active noise cancellation, which will include demonstrations of active noise cancellation by postgraduate students who are working towards doctorates on the subject.
This presentation will begin in the HH Davis Room (room S117) on the first floor of the Mechanical Engineering Building (Engineering South).
To assist with planning, please telephone the Alumni Office on 8303 5800 to make a booking.
This activity is free, and all graduates and friends of the University are welcome.

Alumni in Queen's Birthday Honours list

CONGRATULATIONS to the following alumni who were recognised in the recent Queen's Birthday Honours List:

• Member in the General Division of the Order of Australia (AM)
  Mr Robert Denyer Cheesman (BArch 65): for service to architecture and the architectural profession, particularly through the organisation of fundraising activities, and to the community of Waikerie.

• Medal in the General Division of the Order of Australia (OAM)
  Mrs Elisabeth Mary Doman (BA 45): for service to the Art Gallery of South Australia Foundation, particularly through the organisation of fundraising activities, and to the community of Waikerie.
  Mr Ian Archer Fletcher (BMedSc 71, MBBS 74): for service to medicine, particularly as a surgeon in the Port Lincoln and Eyre Peninsula areas of South Australia.

Mr Hugh Fletcher McEwen (BSc 72): for service to athletics as a coach and technical adviser in the Oceania region.
Mr Jack Mackay Nobbs (BSc 44, MSc 51): for service to Hockey in South Australia as a player, coach, manager and administrator.
Mr Ian Ronald Oliver (RDA 57): for service to regional and economic development in the Riverland area, and to the community of Waikerie.
• Public Service Medal
  Mr Paul Maxwell Winton (Grad Dip Ed 92): for outstanding public service and innovation in the field of education.

FICTIONAL FORCES?
The Science and Mathematical Sciences Chapter invites all members and friends to a public lecture to be held in the Rennie Lecture Theatre on Wednesday 28 July at 7:30 pm. Dr Mike Ford will present an illustrated lecture about ‘fictional forces’ in the world of physics.

Rhodes Scholarship for 2000
The Rhodes Scholarship is open to both women and men and is tenable at the University of Oxford for two years in the first instance.
The scholarship provides for the payment of the scholar’s College and University fees as well as a stipend of 720 Pounds Sterling per month.
Candidates must be Australian citizens resident in Australia for at least five of the last ten years and have passed their eighteenth birthday but not reached their twenty fifth birthday by 1 October 1999.
Intending candidates should contact the Honourary Secretary for application forms and further information as soon as is possible.
Applications, 1999 for 2000, close with the Honourary Secretary of Selection Committee for South Australia at 5.00pm on Wednesday 1 September 1999.

GEOFFREY SAUER
Honorary Secretary

Barr Smith Library Tours

The Barr Smith Library is offering free 30 minute tours on the first Thursday of every month.
Familiarise yourself with the layout, collections, resources and services of the Barr Smith Library. Your guide will give you a Library Information Kit to keep for future reference.
Tel Jennifer Osborne, Reference Services Librarian, on 8303 3706 or email -josborn@library.adelaide.edu.au-. Maximum of 12 per group.

StAFF, students and alumni all got in on the act to provide a unique evening of entertainment on Bloomsday, 16 June.
Every year the work of Irish novelist James Joyce is celebrated on Bloomsday, the day in 1904 when Joyce first went out walking with his future wife Nora Barnacle.
Mr Adrian Kavanagh, the president of the Friends of Willunga and Aldinga Libraries, organised a Bloomsday celebration at Mick O’Shea’s Irish Pub, Hackham, starting with breakfast and readings at 7.30am and culminating in a 1904-style dinner.
Staff and students from the University’s Elder Conservatorium School of Performing Arts contributed to the entertainment at Mick O’Shea’s, in part due to the work of Music graduate Ms Jane Wilson.
In 1972, when carrying out research for her Masters degree, Ms Wilson had gained access to The Joyce Book in the Rare Books Room of the Cambridge University Library. The Joyce Book, published in 1937, contains songs set to some of Joyce’s poems. Ms Wilson copied the songs and brought them back to Adelaide where, 25 years later, they came to the attention of Mr Keith Hempton, the head of the Vocal School at the Elder Conservatorium.
Mr Hempton told Adrian Kavanagh about the book and the songs, which were provided by some of the foremost composers writing art songs between the two World Wars. The composers had donated the songs to help raise funds for Joyce. Herbert Hughes had produced the book, which was itself a work of art. It included an ink sketch of Joyce by Augustus John and was bound in royal blue hand-woven silk. The Joyce Book was published by Oxford University Press and 450 copies were sold by subscription at two guineas each.
With the help of Ms Anne Adamek, lecturer in Vocal Repertoire at the Elder Conservatorium, and the encouragement of Mr Kavanagh, Mr Hempton organised a performance of 10 of the 13 songs as part of the entertainment for the Bloomsday dinner. Keith Hempton, bass, sang three of the songs (by John Ireland, Edgardo Carducci and Eugene Goossens); Lindsay Day, a tenor graduate of the Conservatorium, sang four songs (by EJ Moerman, Arthur Bliss, George Antheil and CW Orr); and Samantha Rubenhold, a soprano honours student, sang three songs (by Arnold Bax, Albert Roussel and Herbert Hughes). The demanding piano accompaniments were played by Anne Adamek.

— Jane Wilson

(From left) Samantha Rubenhold, Anne Adamek, Keith Hempton and Lindsay Day at Mick O'Shea's Irish Pub. Photo by Jane Wilson.
Many benefits to flow from new Melanoma Unit

SKIN CANCER patients in South Australia—and the rest of the world—are set to benefit from a new venture which draws together expertise in the research and treatment of melanoma.

The Adelaide Melanoma Unit, a joint initiative of the University of Adelaide and the Royal Adelaide Hospital (RAH), was officially opened this month by South Australian Human Services Minister Mr Dean Brown.

The Unit, based at the RAH, takes a multidisciplinary approach to the research and treatment of melanoma, bringing together the fields of general surgery, plastic surgery, medical oncology, radiation oncology, dermatology, pathology, nuclear medicine, epidemiology and palliative care.

Members of the Adelaide Melanoma Unit already have close ties with other centres in Australia and around the world, such as the John Wayne Cancer Institute in California, which will result in an even greater level of collaboration on research and treatment issues.

Australia has the highest rate of melanoma in the world—it is the fourth most common cancer in men and the third most common in women. In both sexes it accounts for around 4% of all cancers, and the third most common in women.

Melanoma rates are also increasing worldwide by about 4% each year. In the last 30 years the incidence of skin cancer has increased worldwide by 50%, with the highest increase observed in Australia and New Zealand, including members of the Sydney Melanoma Unit.

The seminar included a videoconference link-up with Professor Charles Balch and Professor Donald Morton at the John Wayne Cancer Institute, who presented the latest findings on research into melanoma treatment techniques.

— David Ellis

Wormholes + warp drive

They’re normally associated with science fiction—but on July 14, Wormholes, Warp Drive and Negative Energy will form the basis of a fascinating public lecture at the University of Adelaide.

Presented by American physics experts Professor Larry Ford (Tufts University, Massachusetts), this free public lecture discusses the theory behind such ideas as ‘traversable wormholes,’ which would act as tunnels to otherwise unreachable parts of the universe, and ‘warp drive,’ which would allow travel at speeds faster than light.

Where: Union Hall, University of Adelaide
When: 7.30pm, Wednesday, July 14
Admission is free—all are welcome.
University presentation folders and crests
The Media, Marketing & Publications Unit has new University of Adelaide presentation folders available for a cost of $2.50 each. The folder features the lion on the Bonnyton Hall. They are ideal for information kit/packages for special visitors, job applicants, etc. Purchase orders to the Media, Marketing & Publications, enquiries to 8303 5174 or <pamesan@adelaide.edu.au>.

Also, the University crests are now available at: <http://www.adelaide.edu.au/crests/>. The crests are available to staff in colour and black and white for both PC and Mac users. Contact the Media, Marketing & Publications Unit, 8303 5174, if you require advice about proper use of the logotype.

Social Phobia Research Study
Are you bothered by excessive shyness, timidity, fear of embarrassment of speaking in front of people? Do you often fear rejection? Do these fears cause you to avoid relationships or activities? Are you disheartening to you?

Do you have problems with any of the following:
- Easily hurt by criticism
- Few close friends outside of your family
- Unwilling to get involved with people unless certain of being liked
- Avoid social or occupational activities that involve significant contact with others, especially strangers or people in authority
- Avoid social situations because of a fear of saying something inappropriate or foolish, or being unable to answer a question
- Fear of being embarrassed by blushing, crying, shaking or appearing anxious in front of people
- Exaggerate the possible difficulties, dangers or risks involved in doing something outside your normal routine

We are seeking individuals to participate in a study. To register your interest or for further information, call Dr Nick Potts at the Queen Elizabeth Hospital on 8222 7062.

LINCOLN COLLEGE
Affiliated with University of Adelaide
Second Semester Accommodation
Application is invited from students wishing to take up full-board residence in Lincoln College for second semester 1999.

Students live in comfortable single study bedrooms with telephones. College facilities include a library, music rooms, laundries, washrooms and a modern computer laboratory. Network connections in all rooms link with the University's network and the Internet.

The College provides active support for learning, the development of a vibrant community and personal growth. Tutors provide a wide range of disciplines and organise mentoring. The Student Club organises social, cultural and recreational events throughout the year.

Tel (08) 8290 6000 or write to: The Principal, Lincoln College, 45 Brougham Place North Adelaide SA 5006. Email: <admin@lincoln.college.adelaide.edu.au> or visit our web site at: <http://www.adelaide.edu.au/Lincoln>.

DINNER
The Humanist Society of SA is holding a dinner on Friday 30 July 1999 at 7.00 pm at the Norwood Function Centre. Tickets $27 (including buffet meal) call 8255 9508. Proceeds to the Don Dunstan Foundation.

AUSTRALIAN CHEMICAL TRAUMA ALLIANCE INC
The Australian Chemical Trauma Alliance (ACTA) will be holding its 1999 conference at the University of New England, Armidale NSW on the 13, 14, 15 August. The focus of this conference will be the effects of chemical exposure on children. This will encompass the behavioural, psychological, physical, genetic, educational, legal and social aspects and will address environmental disorders.

The guest speakers will include the esteemed Dr Gunnar Heuser who runs a specialist clinic in California, USA. Dr Heuser has been assistant Professor of Medicine at the University of California, Los Angeles School of Medicine since 1970.

The Sunday Expo will be an information day where all support groups of environmental illness and/or children's disorders will be invited to present table displays and where, possible presentations including discussions with the public. There is no charge.


ENVIROMENTAL BIOLOGY
4WD Field Trip Guidance Package Sessions
Familiarisation and driving experience for University staff and postgrad students involved in field work.

Session dates 9 or 10 September 1999. Half day familiarisation session or full day session includes driving experience.

Need more 4WD field trip experience with sand driving?

Trip follows part of the old Gold Escort route South of Talleiern Bend. The trip continues via our field site in Ngarkat Conservation Park. Saturday 15 September, leaving at 8.00am from gate B Victoria Dr. Return around 8.00 pm.

Charge $40 per person. Light lunch included.

Department vehicles will be accompanied by experienced 4WD. Environmental Biology Department staff. Drivers must have application form for permission to drive University vehicles completed and approved.

Tagging along with us in your own vehicle is fine provided your trip is deemed private and not for University business. Convoi limit 4 vehicles, need UHF radio. There is no charge for tag along vehicles.

Register interest, bookings and payment: Contact David Ladd, Environmental Biology, tel 8303 4538 or mobile 0408 098 340, email: <david.ladd@adelaide.edu.au>, alternatively, Environmental Biology office, M arilyn Sawton tel 8303 4458. Check our web page for more information: <http://www.science.adelaide.edu.au/botany/staff/4wd.htm>.

COMING EVENTS
JULY 12th — JULY 23rd

FRIDAY 15 JULY
1.00pm Chemical Pathology Seminar:

SATURDAY 16 JULY
2.00 pm Theatre Guild: M oved playreading of Ben Jonson's Sejanus, directed by Tim Manes. Little Theatre $5 at the door or book 8303 5999.

MONDAY 19 JULY
1.00pm History Staff Postgraduate Seminar: The United States and Turkey in the Post-Cold War Era by Professor Van Kouyoumdjian (University of Indiana, Purdue University, Fort Wayne, USA). Room 420, 4th Floor, Napiers.

6.00 pm Centre for Intercultural Studies & Multicultural Education Seminar: The United States, Greece, Turkey and Cyprus in the Post-Cold War Era by Professor Van Kouyoumdjian (Political Science, Indiana University, Bloomington, Indiana, USA), Seminar Room, 4th Floor, Rieger Building, WCH.

THURSDAY 22 JULY
9.15 am Advisory Centre for University Education Workshop: Active Learning in Lectures, presented by Assoc Professor R. Cannon. ACUE Seminar Room, 6th Floor, Hughes Building. 12noon close. Enquiries Lynn Bradshaw, 8303 5771 or email: <lbradshaw@acue.adelaide.edu.au>.

12noon HCCR/IMVS Seminar: Identification of cotransporters using a Drosophila genetic screen by Dr Helena Richardson (Wellcome Senior Research Fellow, Verco Theatre, IMVS).

1.00 pm Chemical Pathology Seminar: Pathogenesis and Prevention of Pneumococcal Disease by Dr James Paton (Department of Microbiology, WCH). Seminar Room 1, 4th Floor, Clarence Rieger Building, WCH.

FRIDAY 23 JULY
1.00 pm Biochemistry Seminar: Epigenetic effects on gene expression in mice by Dr Emma Whitelaw (Senior Lecturer, Department of Biochemistry, University of Sydney). Room 209, 2nd Floor, Darling Building.

4.00 pm Obstetrics & Gynaecology Seminar: New insights about lung maturation by Professor Alan Jobe (Division of Pulmonary Biology, Children's Hospital Medical Center, Cincinnati, Ohio). Seminar Room, 6th Floor, Medical School North.

BULLETIN BOARD
THE UNIVERSITY OF ADELAIDE
Further information about the following vacancies please refer to Human Resources’ Web page at <http://www.adelaide.edu.au/hr/advps.htm> or the contact person named in the advertisement.

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

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

**CLINICAL DIRECTOR**
**SENIOR LECTURER LEVEL C**
(Ref: 3209)
Dental School
Colgate Australian Clinical Dental Research Centre
Salary: $59,332 - $68,415 + Dental loading of $7,976
This fixed-term position is available immediately. Further information from Assoc Professor L Richards, Dental School, tel 8303 3296, fax 8303 3444.

**COMPUTING OFFICER**
(Ref: 2761)
Faculty of Health Sciences
Salary HEO4/HEO5: $30,736 - $33,808/$34,610 - $38,619
Successful applicants will be appointed at a level appropriate to those qualifications and experience. This fixed-term position is available immediately. Further information may be obtained from Rita Clayton, tel 8222 6788, fax 8222 7521 or email: <rita.clayton@adelaide.edu.au>.

**SOUTH AUSTRALIAN TERTIARY ADMISSIONS CENTRE (SATA)**
**INFORMATION OFFICER**
(Ref: 3382)
Salary HEO3: $26,725 - $30,467
This continuing position is available immediately. Further information may be obtained from Greg Coote, tel 8224 4060.

**PERSONAL ASSISTANT**
(Ref: 1909)
Office of the Deputy Vice-Chancellor (Research)
Salary: HEO 5: $34,610 - $38,619 or HEO 6: $38,751 - $41,959

The successful applicant will be appointed at a level appropriate to those qualifications and experience. This fixed-term position is available immediately. Further information may be obtained from Sharna Pearce, Office of the Deputy Vice-Chancellor (Research) tel 8303 5665.

**EMBRYOLOGISTS**
(Ref: 3224) (3 Positions)
REPRODUCTIVE MEDICINE UNIT
Salary HEO4/HEO5: $30,736 - $33,808/$34,610 - $38,619
Successful applicants will be appointed at a level appropriate to those qualifications and relevant experience. All positions are available until 28 February, 2000 in the first instance with annual renewals anticipated. Further information may be obtained from Rita Clayton, tel 8222 6788, fax 8222 7521 or email: <rita.clayton@adelaide.edu.au>.

**SITUATIONS VACANT**

**DENTAL OFFICER**
(Ref: 1910)
Dental Hospital, Frome Road, Adelaide
Address: 2nd Floor, Adelaide University Cards. Set fee first visit.
Emergency and routine treatment for staff & students
Dental treatment for adults and students who have been on the airwaves in the past month.

**MEDIA WATCH**
I nese are some of the many university's staff and students who have been on the airwaves in the past month.

15 June: ABC, Behind the News: Andreas Schloenhardt (PhD student, Law) on illegal immigrants.
25 June: SAT7 News Dr Jason White (Clinical & Experimental Pharmacology) on parliamentary debate about drug injecting rooms.
27 June: SDN/NSAD: The Vice-Chancellor, Professor Mary O’Kane, on the trust fund in memory of Ian Cocks.
29 June: SAN: Dr Margaret O’Hea (Classics), on Julius Caesar.
29 & 30 June: ABS2, SAFM, SDN: Giordana Cross, PhD student, on the relationship of overeating and junk food to PMS.
30 June: SAN: Professor Jack M Clean (Road Accident Research Unit) on Adelaide’s black spots.

**MEDIA WATCH**

**CENTRE FOR BRITISH STUDIES**
**Annual Conference**
Britain Today: Interdisciplinary Perspectives on Contemporary Britain: 23-25 September 1999, University of Adelaide
Major sessions will focus on:
- Britain - The Third Way? Politics and Europe
- The Changing Community
- Gender, Class and Culture

**SPEAKERS INCLUDE:**
- Geoff Gallagher
- Neil Blewett
- John Bannon
- Nigel Rapport
- Valerie Walkerdine
- Catherine Driscoll

For further information contact: Associate Professor Ade Peace, Department of Anthropology, tel 8303 5931.

**APPLICATIONS FOR THE FOLLOWING VACANCIES ARE NOT RESTRICTED TO MEMBERS OF THE UNIVERSITY.**

**HUMAN RESOURCES DEADLINES FOR ADELADEAN**
For the Adelaidean of 9 August, advertising paper work must be to Human Resources by 23 July.
For the Adelaidean of 23 August, advertising paper work must be to Human Resources by 6 August.

**EMPLOYMENT INFORMATION**

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

The University notifies applicants that the following vacancies for Higher Education Officers (HEO) with the reference numbers as advertised are filled and thank you for your interest: 3324 HEO2, European Studies; 4088 and 4016 HEO6, Office of Deputy Vice-Chancellor (Education); 4254 and 4261 HEO5/6, Road Accident Research Unit; 4203 HEO3/4 and 3240 HEO3, Obstetrics and Gynaecology.

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Advisory Centre for University Education

ACTIVE LEARNING IN LECTURES

Advisory Centre for University Education, 23 July 99 11 am - 12 noon

Although there is much attention given to the centrality of learning in higher education, the fact is that there is still widespread use of teacher-centred methods such as the large group lecture. Effective learning and teaching methods employ various strategies that require student activity, even in very large classes. In this workshop, opportunities will be provided to develop an understanding of the nature and importance of active learning and to identify strategies that can be applied in your teaching.

TEACHING AT UNIVERSITY COURSE

Semester 2 1999: Wednesday, 2.15 - 5.00 pm, 4, 11, 18, 25 August; 1, 8, 15 September

The course consists of seven sessions and a project, and is designed for staff teaching, or intending to teach, at the University of Adelaide. For enrolment details contact Lynne Bradshaw, 8303 5771 or email: <lbradshaw@acue.adelaide.edu.au>.

Executive

Brett Cowell

AUSTRALIAN INSTITUTE OF PHYSICS (SA BRANCH)

Free Public Lecture

Wormholes, Warp Drive, and Negative Energy is the title of the lecture to be presented by Professor Larry H Ford (Department of Physics, Tufts University, Medford, Massachusetts, USA) on Wednesday 14 July at 7.30pm in the Shen Hall, University of Adelaide.


REMINDER

Submitting a notice to the Adelaidean?

Please send all documents as RTF files or we are Word 5.0 or Mac users.

Thank you.

Research Branch Update

ARC SMALL GRANTS SCHEME 2000

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

All disciplines are supported except clinical medicine and dentistry.

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

The Application Form, the University’s guidelines and other information are available on the Research Branch website at:


Prospective applicants should note that the closing date for applications is Monday 16 August and that LATE APPLICATIONS WILL NOT BE ACCEPTED.

ARE YOU REGISTERED?

• to automatically receive regular updates about research funding opportunities in your areas of interest

• so that details of your interests and expertise are available to potential sponsors, collaborators or industry partners?

If not, contact the Research Branch on extension 35137 or for information about how you can register on the SMARTS/GENIUS system, or access the SPIN/SMARTS/GENIUS website through the Research Branch homepage:

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

Negative Energy is the title of the lecture by Professor Larry H. Ford, Tufts University, Medford, Massachusetts, USA, on Wednesday 14 July at 7.30 pm in Shen Hall, University of Adelaide.

Research Branch Update

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Megan Low

TRADEMARKS

A trademark is a symbol used to identify goods and/or services which are different from those of competitors. The most common types of trademarks are word marks, design marks, and collective marks. Word marks are the most common type of trademark and consist of words, letters, or combinations of words and letters. Design marks are used to identify the appearance of goods and/or services, such as logos, patterns, or designs. Collective marks are used to identify goods and/or services that are produced or sold by a group of people, such as a company or a professional association.

Promoting your Intellectual Capital

In this age where information and knowledge are rapidly becoming more important than plant and equipment, it is vital that organisations identify, protect, and effectively exploit what may be their most valuable assets.

In this article, Brett Cowell and Megan Low introduce us to Intellectual Capital and how it can be identified and protected.

INFORMATION

Intellectual Capital is a term used to describe traditional intellectual property rights such as patents, trademarks, designs, copyrights, brand names and circuit layouts. It is an organisation’s confidential information, trade secrets and know-how. Intellectual capital is an asset the worth of which can be clearly documented.

TECHNIQUES

The most common techniques used to protect Intellectual Capital are trade secrets and patents. Trademark registration is another form of protection for intellectual capital and can be used to protect trade secrets, know-how and confidential information as well as patentable material, trademarks and design material where registration has not been sought. If an owner wants to discuss an invention with a third party prior to applying for patent or design registration, he/she should enter into a confidentiality agreement with that third party. This will confirm ownership and will also prevent the disclosure of the invention during those discussions from invalidating a subsequent application for patent or design registration.

CONCLUSION

Every organisation should carefully assess the intellectual capital it owns and consider steps to protect it. To effectively manage its intellectual capital portfolio, an organisation should consider use of an asset register to document and monitor its intellectual capital.

— Brett Cowell & Megan Low

Cowell Clarke

Commercial Lawyers
Research Grants & Fellowships

The following is a list of grant, fellowship and other research funding schemes currently available for Australian researchers. Details of each scheme are available on the following Websites:

Australian Academy of Science - www.asap.unimelb.edu.au/aah/>


Health and Aged Care: Commonwealth Department of National Health and Medical Research Council - Training Awards: (This award is aimed at current holders of Australian based Fellowships). Internal closing date: 6 August 1999. Web site: <http://www.health.gov.au/nhmrc> (Proceed then to Research Program and then "Training Awards")

Australian Academy of the Humanities / Royal Society of London / Academy of Arts and Sciences / Academy of the Social Sciences in Australia: Overseas Programs - Netherlands: Internal closing date: 6 August 1999.


External closing date: 23 August 1999.


National Health and Medical Research Council - Travelelling Award for Research Training: (This award is aimed at current holders of Australian based Fellowships). Internal closing date: 6 August 1999. Web site: <http://www.health.gov.au/nhmrc> (Proceed then to Research Program and then "Training Awards")

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