Parents can't read depression signs, new study reveals

Depression is a problem among young Australians, but their parents are often unaware and may not seek help for them, according to a new study by Adelaide University's Department of Psychiatry.

A collaborative study, led by Associate Professor Michael Sawyer, has revealed that many adolescents in Australia perceive themselves to be depressed. They are prone to risk-taking behaviour and some may even contemplate suicide.

Dr Sawyer suggests a common source of help for these adolescents may lie in school-based services where school counsellors need to be available, trained to offer help, and able to facilitate referral for treatment.

While adolescents and their parents often disagree—over fashion, music and television programs—there's often no real cause for concern. But you can't say that about disease. Clinical depression in adolescents is an alarming illness, made much more so by the finding that young people and their parents often disagree about the extent of the problem, or even whether there is a problem at all.

Dr Sawyer is in no such doubt. "Aidolent depression is a major health problem," he said.

Dr Sawyer is one of the authors of The Mental Health of Young People in Australia, a report arising from the Child and Adolescent Component of the National Survey of Mental Health and Wellbeing, which was funded by the Commonwealth Government.

The report contained much new information about the mental health problems that affect some 14% of Australian children and adolescents. Dr Sawyer recently described the results at a national seminar in Canberra called BLUEPRINT: a national response to depression.

Structured interviews with those who care for adolescents (usually their parents) produced an estimate that 4.8% of adolescents suffer from clinical depression. That figure is consistent with other assessments, suggesting that in Australia nearly 61,000 adolescents between the ages of 13 and 17 suffer from depression.

But parent reports and adolescent reports produced different results. When young people themselves were surveyed, 12.1% of them claimed to suffer from depression; but the great majority (88%) of these adolescents were not identified as depressed by their parents.

The reverse was also true. Nearly three-quarters (74%) of adolescents whose parents reported them as having clinical depression did not report themselves as being depressed.

"Parent reports and adolescent reports largely identify different adolescents as being depressed," said Dr Sawyer.

"Are they all depressed?" "Further research is needed to determine the importance of adolescent-only and parent-only reported cases," he said.

The need for that research is urgent, not just to resolve the differing estimates of those who suffer from the illness, but because of the consequences of failing to identify them.

Continued Page 3

$11m study into HRT

Adelaide University has awarded the Australian arm of a major international study to look at the long-term effects of hormone replacement therapy (HRT).

The study is arguably the world's biggest and longest randomized clinical trial, stretching over 22 years and involving 36,000 women internationally.

More than $1 million has already been awarded to the Adelaide research team by the Medical Research Council in the UK, with a further $10 million to follow. The team is headed by Associate Professor Lastair McLernin (Department of Obstetrics & Gynaecology) and Professor John Mairley (Department of Public Health).

The project, known as WISDOM (Women's International Study of long Uterine Duration Oestrogen after Menopause), will see the Adelaide team joining an international effort to study up to 36,000 women aged 50 to 69 years.

This women will receive 10 years of treatment and will be followed up for a further 10 years. All types of outcomes will be assessed, including quality of life, heart attacks, fractures, dementia, cancer and death.

"Such a large trial is necessary to inform women throughout the world whether or not they should take long-term oestrogen replacement therapy after menopause," said Dr McLernin, who is the chairman of WISDOM Australia.

"Although the benefits of postmenopausal HRT are well established in the short-term for the control of menopausal symptoms, such as hot flushes, there are no quality trials of the benefits and harms of long-term HRT," he said.

The possible benefits of long-term HRT include the prevention of heart disease, osteoporosis, dementia, urgenital atrophy and some types of blindness, arthritis, skin disorders and even bowel loss.

Continued Page 5

Imagine a world without birds

RACHEL Carson's landmark book Silent Spring evoked a powerful image of a countryside deprived of its birds.

Carson's book was directed against the overuse of pesticides, and its predictions of wholesale species decline are still commonly cited as a warning of what the future may bring.

Carson's book is now old. The reality is that serious decline of many bird species has already occurred, and not just in America, where Carson wrote her important text. For South Australians, especially in the Adelaide Hills where only remnants of native forests remain, bird decline has reached catastrophic levels.

A bout half the woodland species of birds in the Adelaide Hills have declined, but pesticides are not the major villains. Reduction of habitat, fragmentation of what remains, the damming of creeks, weed invasion, and increased predation by raptors are only a few of the pressures driving the numbers of many species to dangerously low levels.

The conservation body Birds Australia cites 13 species that are already officially threatened or endangered. Dr Scott Field, of Adelaide University's Department of Applied and Molecular Ecology, believes that estimate to be conservative.

"It would certainly be larger if more detailed information were available," said Dr Field.

"Some birds, like the Spotted Quail Thrush have not been seen for 18 years, and are quite possibly already extinct. There are at least six more widely accepted to be extinct, not having been seen for over two decades. Of the species remaining, as many as half are now at serious risk."

Among those species doing a little better, but only just, are the Black-chinned Honeyeaters, once commonly heard even at Adelaide Oval, but not reported at Belair for 10 years. Fewer than 100 remain in the Hills.

Dr David Paton from the Department of Environmental Biology has been researching this local decline of bird populations for years. His assessment is as bleak as Dr Field's.

Continued Page 4

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Continued Page 4
Q & A: Law School review

An independent review of Adelaide University’s Law School has been completed by a team of legal educators and lawyers. The Review Committee’s report provides a comprehensive analysis of the School and sets out 41 recommendations for reform. The report can be viewed in full at http://www.adelaide.edu.au/DVC/reviews/law_review.html.

The Committee comprised Professor Cheryl Boody, then Deacon at the University; Justice David Bibby, South Australian Supreme Court; Professor Paul A. Redmond, University of New South Wales; and Professor Stephen Parker, M onash University.

In their interviews, the Executive Dean of the Faculty of Performing Arts, Law, Architecture Commerce and Economics (PALACE), Professor Malcolm G Illies, Executive Dean, PALACE, and the Dean of the Law School, Ms Kath M Ceev, gave their views on the report and its implications.

Professor M allcom G Illies, Executive Dean, PALACE

What’s your response to the Review findings? The University wanted a candid review. It commissioned the Review Committee of some of the best legal educators and lawyers in the country to carry out the independent Review, which pointed out areas for improvement in most areas of the School’s activities. It is pleased at its finding that Adelaide Law graduates benchmark well with those of other law schools, as far as professional employment or study opportunities are concerned. The regard for the quality of Adelaide University graduates is clearly above average.

The University’s Law School has a proud past, stretching back to 1883, and it will have a proud future. Its graduates hold an incredible range of illustrious positions, both within Australia and abroad. This Review has pointed out many areas where, in the coming decade, the School can enhance its profile as one of Australia’s leading law schools.

Kath M Ceev, Dean of Law School

What has been the response to the report among Law School staff and students? Students made a response to the Review in October 2000. On 12 December, the Review Committee made its oral presentation. The recommendations have not varied from that, so the student response probably can be gleaned from that article.

As for staff, there have been reactions on a number of bases. There was initial disappointment and anger that the matter had been reported in the Adelaide press before release to the staff. The staff understood that this was a consequence of a leak, but this was disappointing and affects the level of positive response to the Report.

Athough the response is largely positive in the sense that the School as a whole is keen to address the issues raised in the report, there is a scepticism and anxiety that some of the recommendations — in particular those relating to funding — may not find support in the University. There is a widespread reading of the report that an issue fundamental to the School’s performance of Adelaide University graduates is clearly above average.

It is gratifying that the Government is throwing some weight behind the lifelong learning rhetoric. It is also pleasing that a financing scheme researched by our own Jonathan Pincus has gathered ground. Professor Malcolm G Illies, Executive Dean, PALACE, and the Dean of the Law School, Ms Kath M Ceev, give their views on the report and its implications.

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Parents can't read depression signs, new study reveals

From Page 1

“Three young people experience high rates of problems—increased health risk behaviours, such as substance abuse, increased suicidal behaviour and disruptive disorders,” said Dr Sawyer.

Once depression is diagnosed, modern treatments for it can be very effective, and they're improving all the time, but none of that helps unless adolescents with problems are identified and receive assistance.

“Only 40% of adolescents identified by parents as depressed had attended a professional service for help with their problems in the previous six months,” said Dr Sawyer, and worse still, “only 18.5% of adolescents who reported themselves as depressed had attended a service for help.”

But if parents are not recognising their adolescents children's problems, and adolescents are not revealing them to their parents, where is that professional help to come from?

“A common source of help for these adolescents is school-based services,” said Dr Sawyer.

“Depressed adolescents are most likely to seek help from school counsellors. These counsellors play an important role in identifying adolescents with depression; they need to be available and well trained to help, and to facilitate referral for treatment,” he said.

— Rob Marrison

Clinical medical school to open in country area

MEDICAL education in South Aust-
ralia will undergo a major transformation with the award of a new rural clinical school to Adelaide University.

The school—to be based in Whyalla and extending across the Eyre and Yorke Peninsulas and up into outback South Australia—will be part of a national network of nine new rural clinical schools funded by the Commonwealth Government.

The network aims to ensure that at least one quarter of medical students receive a minimum of half their medical training in country areas. Currently, undergraduates are expected to spend eight weeks of their medical education in rural areas.

Whyalla is already home to Adelaide University and the University of South Australia’s School of Rural Health in South Australia, the School here,” he said. “This is a fundamental shift.

“At the first Law School Indigenous Students Orientation Day were (back) Shouwn Oosting (first year Law student), Paul Babie ( lecturer), Andrea Mason ( third year Law student), Leighton McDonald ( lecturer), Kathryn Smith ( first year Law student), (front) Rosemary Owens ( senior lecturer), Vicki Waye ( senior lecturer), Gloria Ling ( first year Law student), and Steven Lang ( first year Law student). Photo: Ben Osborne.

“The Law School has begun an innovative program for an important group of new students. It held an Orientation Day for the new intake of seven Indigenous students—the largest number of first-year Indigenous students in the School’s history. Organiser and Law School lecturer Mr Paul Babie said the Orientation Day—unique among South Australian law schools—was designed to help them understand what they can expect in the study of law.

“I think they’ll find it very beneficial to learn some things about their upcoming study before they start, rather than having to look it up after they go.

The students were briefed on such aspects as: law as a student, legal research, administrative procedures, and what to do if they need help with their studies. Fifteen members of the University staff participated in the program.

First-year student Yanji Robison-McCney said she found the day helpful.

”I did the first year of a Bachelor of Arts last year and from today I can see that this year will be a lot different to last year,” she said.

“First-year Indigenous law student and an adviser to first-year students, A'ronie Mason, said the law degree course was challenging but ultimately rewarding.

“I've always wanted to do law, though, and I'm really looking forward to it.”

Third-year Indigenous law student and an adviser to first-year students, A'ronie Mason, said the law degree course was challenging but ultimately rewarding.

“I found that the degree course gives you a good perspective on life, as well as how the law works,” she said.

“I would encourage as many Indigenous students as possible who are thinking about going into law to find out more about it and to give it a go.”

— Ben Osborne

Biggest group yet for L Law School

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“It’s the largest group of Indigenous students we’ve ever had here in the Law School, and we really want to provide them with all the assistance we can,” Mr Babie said.

“Law is unique in the way it is studied, and the Orientation Day was a chance for the new Indigenous students, who are coming from other areas of study, to learn more about what they can expect in the study of law.

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— Ben Osborne

World record: hold the anchovies!

Ten Adelaide University students attempted to eat their way into the record books as part of Orientation Week activities held on campus. The students were trying to establish a new world record for the consumption of pizza.

As a group, they were given 10 minutes to each eat as much Pizza Hut pizza as they could, and while no-one appeared to be in too much of a hurry, they collectively got through some 73 large pizza slices.

Guinness World Records will be informed of the record attempt for inclusion in its Book of Records.

— Ben Osborne

AUSTRALIAN OF the Year and Chief of Australia’s Army Lieutenant-General Peter Cosgrove was the keynote speaker at a recent University conference on Australia’s role in the Asia-Pacific Region.

Organised by the University’s Department of Politics, the Centre for Asia Studies, and the SA branch of the Australian Institute of International Affairs, the conference dealt with Australia’s strategic and political role in the Asia-Pacific, including our place in the East Timor problem and its resolution, the change in Indonesian-Australian relations, and Australia’s ties with the United States during the Bush presidency.

Lt-General Cosgrove spoke to international delegations about the future direction of the Armed Forces under the new Defence White Paper, and said because of the increasing “good neighbour” role played by the Australian Army, the force needed to develop a deeper understanding of other countries and their cultures.

— John Drislane
Last supper spells doom for serial killers

Form E R. F. I profiler Robert K. Ressler wrote this almost 10 years ago in his book "Hannibal," Australia, with public interest sparked by the Hannibal author Thomas Harris. Like its predecessor, Ressler, who spent many years helping police write this almost 10 years ago in his book FORMER FBI profiler Robert K Ressler

Last supper spells doom for serial killers

Lambs given the recent release of "Andronicus" non-existent, say researchers

FEARS of "superweeds" occurring in crops of herbicide-resistant canola have been dispelled by a Adelaide university's English Department, has been troubled by the development of serial killer literature and film for many years. Dr. M. E. C. gives keenly followed the novel "Hannibal" ever since the novel was released in July 1999. She said Hannibal continues a very old dramatic tradition which includes the gory revenge tragedy genre—a genre in which Shakespeare wrote.

In fact, Shakespeare's extremely dark play about the fall and revenge of Titus Andronicus (released last year as the movie "Titus," also starring Anthony Hopkins in the lead role) features much more gruesome scenes of rape, torture, humiliation, slaughter and cannibalism. The lack of controversy surrounding this and many other non-mainstream movies points to a double-standard among critics and the media, Dr. M. E. C. notes.

"I think there is a particular panic that accompanies modern popular entertainment forms, like cinema, TV and now the internet. We don't have nightmares about kids reading Shakespeare and getting ideas about playing Hamlet, for instance, although he could well be regarded as a psychopathic serial killer."

"The problem with saying that the violence is inappropriate for a mainstream movie is that there's a kind of double-standard going on, a snobbishness in that judgement of what should be censored. This kind of activity, and some of the horror flicks for the last 20 years or more."

Continued Page 10

Can you imagine a world without birds?

AN exhibition of paintings and prints by Ian Roberts and Vida Pearson is being held at Adelaide University's Urrbrae Gallery on the Waite Campus from 4-18 March.

Ian Roberts has lived all his life among the wheatfields of the Blyth district in South Australia. He paints exclusively in watercolour and has mastered the technical aspects of this difficult medium, aiming in each picture "to bring his subjects to life."

Vida Pearson lives on a bush block near Balaclava and paints birds and animals around there, and provide her with an ideal environment for her work.

Her work continues to impress with the quality which he combines and variety of colour. The selection in this exhibition is no exception.

Urrbrae House is open daily from 11.00am until 4.00pm.

From Page 1

"Brown Treecreepers, once widespread throughout the ranges, are reduced to a handful of isolated populations. Belair Recreation Park now has only one male," Dr. R. P. said.

Species after species adds its statistics to this dismal picture. Over the past 20 years, pygmyroosts by Tree M arts in the vicinity of Adelaide have fallen from more than 2000 birds to fewer than 100. Many other species of birds, such as Red-tailed Fairywrens, Grooves Whistlers, Scarlet Robins and Diamond Firetails have experienced similar 10-fold reductions in population numbers.

"These changes have happened despite controls on vegetation clearance during most of the past two decades," said Dr. P. T. R.

The declines are frightening, but they may not all be irreversible. On Kangaroo Island, careful management is seeing numbers of the very rare Glossy Black Cockatoo climb slowly. Recovery programs elsewhere are assisting Black-eared Miners and Regent Honeyeaters. Many landowners elsewhere are assisting Black-eared Miners and Regent Honeyeaters. Many landowners elsewhere are assisting Black-eared Miners and Regent Honeyeaters.

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The researchers, under the leadership of Dr. P. T. R., will monitor population sizes of declining species and undertake detailed studies of their ecology to identify factors that are causing those declines. They will then help coordinate community efforts to address the limiting factors.

One of the first factors to be tackled will be habitat degradation, but this urgent effort can only provide a temporary solution. Many of the declining bird species need large patches of vegetation to survive, and few of these remain.

Dr. P. T. R. cautions that small patches of vegetation, even many of them, will not be sufficient unless they are connected to other larger vegetation patches.

"Extensive and strategic revegetation is ultimately required," he said. "This might be achieved by retiring some farms from agriculture entirely and revegetating the whole farm, rather than having small patches of revegetation scattered across most farms."

Various community organisations will assist with much of the on-ground work. Groups such as the Friends of Parks that lie within the wild bird habitat would be ideal candidates for participation. Friends of the Waite Conservation Reserve can make important contributions to this undertaking to help to maintain so many of our most attractive and important bird habitats.

Contributions towards the project can be sent to the Nature Foundation SA by calling 1 366 191, or via its website www.naturefoundationsa.asn.au.

- Rob M r i s a n
Why some willows can make you weep

WILLOWS line the banks of the River Murray. For those who live in river towns, fish the Murray's waters or moor their houseboats to the banks in summer, willows are cool and beautiful. They are also insidious invaders of the ecological Australia's largest river, according to an Adelaide University researcher.

"Willows are attractive and ornamental, but they tend to dominate river banks," said M's Susan Gehrig, who is completing a PhD on river ecology in the Department of Environmental Biology.

"The story goes that willows were planted for navigation to mark the main channels for river boat navigation back in the 1800s. Willows were certainly considered good for shelter, they are a good feed stock, and they stabilise the banks and prevent them from eroding."

"But because they are so shady, they displace the native vegetation completely, and dominate the river banks. If you were to take a boat down the Murray, all you might see is willows along the banks, not the great river red gums. Willows displace them, too," Ms Gehrig said.

This loss of native vegetation means loss of habitat. Unlike gum trees, willows don't tend to form hollows, so the natural hollows needed by mammals and birds vanish as well. So do food sources, such as gum flowers on which native animals depend. Native and introduced bees are believed to be among the few animals to benefit from willows.

Below water level the story is similar. "Fishermen like the willow roots as they provide shelter for fish," said M's Gehrig, "and they do attract some fish species which like shady refuges, but when we look at total biodiversity, we lose animals like platypus, turtles and other fish.

"Willows are food-depots on snags provided by river red gum branches. M urray Cod need snags for spawning sites. In fact, radio tracking shows that even adults spend about 80% of their time near these woody snags."

Susan Gehrig demonstrates the 'crack' of a willow. Photo: Rob Morrison.

Water quantity and quality dominate current concerns about the river, and the willows are implicated in both. Because they are shallow-rooted, they take most, if not all, of their water from the topsoil or the river itself, and they appear to take a lot.

"We hope to find out the amount and rate of their water uptake, compared to that of native vegetation," said M's Gehrig. "But it seems significant, and my research aims to determine whether the amount of water they consume is comparable to that used by irrigator."

W illows add to salinity problems, too. Their shallow roots don't reach down into the saline aquifers which supply the deeply rooted red gums. Red gums usually take 40-50% of their water from these regions, helping to keep the saline water table low, whereas willows skim only the upper, fresh water layers, allowing salt to rise and spill into the river.

It is the ease by which willows can spread that has helped both species dominate the lower Murray.

"If a branch breaks off, floats downstream and sticks in the mud, it takes root and you have another willow that easily. Fishermen often break off a twig and stick it in the river bank to hold their line, and that will grow, too," Ms Gehrig said.

This makes willows hard to eradicate, but total eradication is not on the agenda. It can be very expensive and time consuming, and other weedy species can simply replace them.

"It needs a lot of follow-up and reevaluation with native species," said M's Gehrig. "A lot, lots of towns to retain the scenic element of their willows, so we need to know the areas of high biodiversity and significance, and concentrate our efforts there."

M's Gehrig's research will be one of many featured in a 30-part radio series on the River Murray produced by S UV Radio Adelaide later this year.

— Rob Marrison

W hat's in a willow?  

There are actually two kinds of willows. The weeping willow, Salix babylonica, is the tree made familiar by willow-pattern plates. It has a drooping aspect, whereas Salix fragilis is the more upright 'crack' willow. "It's the name suggests, it is easily broken," says M's Gehrig. "If you bend a twig of it, it breaks with a clear crack, whereas the weeping willow bends not to do."

"River boat captains learnt not to tie their boats to the crack willow because it was fragile and very shallow rooted. They would wake to find they were drifting downstream with a large willow in tow."

In fact, photographs of river boats tied to willows have helped to date the introduction of both kinds of trees, and identify a clump at Mannum as the oldest on the river.

The earliest weeping willow cuttings are believed to have come from a tree planted by Napoleon's grave.

A nimal ethics body relocates

ANZCCART is on the move.

The body whose full title is the Australian & New Zealand Council for the Care of Animals in Research and Teaching) promotes excellence in the care of animals used in research and teaching, ensures that the outcomes of these activities are worthwhile, and fosters informed debate about the ethical use of animals in science and research.

Based at Adelaide University's Waterl C ase since 1992, last month ANZCCART relocated to the North Terrace Campus, and now resides in the Department of Environmental Biology.

"ANZCCART is not, as many think, a policing agency, but examines policy and has an educational role," said the department's head, Professor Russell Baudinette.

"It seeks to lead the debate on the widest range of animal welfare matters. As a university with strengths in biological sciences it is appropriate that we are at the forefront of this activity."

"Our graduates should be aware of the current debate and history of animal welfare issues and that it is a legitimate area of research. The University is fortunate that the organisation is based here, and we will promote greater two-way exchange."

A native hopping mouse. Photo: Brenton Edwards.

ANZCCART also has national conferences, workshops and seminars, and this will bring a wide range of biomedical and veterinary scientists to Adelaide University," he said.

ANZCCART'S Director, Dr Robert Baker, already holds various positions within the University and is well known for his work in animal welfare.

"As a former Director of the Adelaide Zoo, I had a close affinity with the old department of Zoology, and I look forward to a stimulating and mutually beneficial time here," Dr Baker said.

— Rob M ornson

E xternal advertisement

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MONDAY 3 MARCH
1.00pm Clinical & Experimental Pharmacology Seminar: Randomised clinical trial of novel diagnostic strategy for prostate cancer. Speaker: Dr James Patel (Cardiology & Clinical Pharmacology). Seminar Room 6, Level 5, Medical School, North. $10.00 Conc and $8.00 for members (GST incl).

1.10pm Student Workshop: Learn how to achieve victory in your next research project. Speaker: Associate Professor Tony Gurr. Room 304, Engineering South Building.

TUESDAY 6 MARCH
3.15pm Anthropology Seminar: Symmetry or Symmetry?: Reimagining the Yanghuo feel place via visualization. Speaker: Dr Carol Magowan (Anthropology). Seminar Room 722, 7th Floor, Napier Building.

WEDNESDAY 7 MARCH
10.10am Electrical & Electronic Engineering Research Seminar: A system for the rapid integration of the Wireless Internet, by Prof Reg Coutts (Prof of Telecommunications). Seminar Room 1400, Engineering South Building.

12.30pm Clinical Nursing Seminar: A systematic review of the effectiveness of stem cell injection for the management of chronic pain in cancer patients, by Dr A Peirson (Motor Neurone Disease Unit, WCH). Seminar Room 1, 4th Floor, West Gate Building. $5.00 Conc and $4.00 for members (GST incl).

1.00pm Friends of the State Library Talk: Building a Free Library, by Dr Graeme Finch and Dr Margaret Eadie (University of South Australia). Room 10, Level 5, Union Building.

1.00pm Chemical Pathology Seminar: Understanding the molecular and genetic basis of cancer. Speaker: Dr John Gilbert (Pathology, University of South Australia). Seminar Room 1, 4th Floor, West Gate Building. Refreshments from 5.30pm.

THURSDAY 8 MARCH
1.00pm Chemical Pathology Seminar: Understanding the molecular and genetic basis of cancer. Speaker: Dr John Gilbert (Pathology, University of South Australia). Seminar Room 1, 4th Floor, West Gate Building. Refreshments from 5.30pm.

1.00pm Obstetrics & Gynaecology Seminar: Single- or double-embryo transfer. The need for a randomised controlled trial, by Dr Yvonne Steinert (Reproductive Medicine Unit, Obstetrics & Gynaecology, TQEH). Seminar Room 6, 4th Floor, Medical School, North Wing.

FRIDAY 9 MARCH
1.10pm Elder Conservatorium Lunch Hour Concert: Nicholas Parnell (percussion) & Leigh Elder. 1.10pm Elder Conservatorium Lunch Concert: Stephen Morey - Piano (Distinguished visiting scholar). Margaret Murray Room, Union Building.

SATURDAY 10 MARCH
2.00pm History of Computing Conference: From Alan to Player 2 - History of Computing by Professor Steve Furber (History of Computing). Seminar Room 1, 4th Floor, West Gate Building. Refreshments from 5.30pm.

TUESDAY 13 MARCH
1.00pm Student Workshop: Meeting the Demands of University Life: A Workshop for First Year Students by Sue Barnard. Counselling Centre, Ground Floor, Horace Lamb Building.

WEDNESDAY 14 MARCH
1.10pm Clinical & Experimental Pharmacology Seminar: Approaches to therapeutics and prevention of targets in human health, by Prof R Head (Chief, CSIRO Division of Health Science & Nutrition). Room 8, Level 6, Medical School, North.

1.10pm Student Workshop: Learn deep relaxation by Mark O’Donoghue. Counselling Centre, Ground Floor, Horace Lamb Building.

THURSDAY 15 MARCH
1.00pm Chemical Pathology Seminar: Pharmacokinetics and Metabolism: Predicting behaviour in Humans by Prof Roger Dain (Pharmacological, Molecular & Biological Sciences Unit, WCH). Seminar Room 1, 4th Floor, Regeer Building, WCH.

1.00pm Skilling Pod Seminar: Delightful Duos by Jeremy Gramp (Dragon Search). Margaret Murray Room, Level 5, Union Building.

FRIDAY 16 MARCH
1.10pm Elder Conservatorium Lunch Hour Concert: Stephen M Clyne - piano (Distinguished visiting scholar). Elder Hall. Admission $3 at the door. GST inclusive.

SATURDAY 17 MARCH
2.00pm History of Computing Conference: From Aluca to Player 2 - History of Computing by Professor Steve Furber (History of Computing). Seminar Room 1, 4th Floor, West Gate Building. Refreshments from 5.30pm.

THURSDAY 22 MARCH

The seminar will be followed by light refreshments, room opportunity to talk with the presenters in a panel discussion.

Are you aware of what you have intellectual property? Your research - is it a valuable asset? What is Intellectual Property? IP is the product of your hard work and research. It represents the property of your mind or intellect. It can be an investment, a desire to see the application of a good idea. But it is easy for this value not to be fully realised, so read on for information about Intellectual Property created in the University community. Speakers include: • Robert Chalmers, Senior Associate, Norman Waterhouse. • Cheryl McAlfield, Consultant - Eclipse IP Manager. • Jane Rathien, Business Development Manager - Luminis. • John Keeves, Senior Partner - J ohn Winter & Slattery. • Victor Portelli, Deputy Registrar of Design - IP Office, University of South Australia. The Seminar: Intellectual Property & Commercialisation.

3.00pm-6.00pm, Wednesday 23 March, Council Room, Level 7, Wills Building. RSVP: Heidie, 8303 5020 by 18 March.

The seminar will be followed by light refreshments, room opportunity to talk with the presenters in a panel discussion.

Are you aware of what you have intellectual property? Your research - is it a valuable asset? What is Intellectual Property? IP is the product of your hard work and research. It represents the property of your mind or intellect. It can be an investment, a desire to see the application of a good idea. But it is easy for this value not to be fully realised, so read on for information about Intellectual Property created in the University community. Speakers include: • Robert Chalmers, Senior Associate, Norman Waterhouse. • Cheryl McAlfield, Consultant - Eclipse IP Manager. • Jane Rathien, Business Development Manager - Luminis. • John Keeves, Senior Partner - J ohn Winter & Slattery. • Victor Portelli, Deputy Registrar of Design - IP Office, University of South Australia. The Seminar: Intellectual Property & Commercialisation.

WANTED! Badge Day Volunteers
What are you doing on Friday 23 March 2001? Are you able to assist the Don Dunstan Foundation by volunteering to stand on the streets of Adelaide with a collection tin? The more volunteers we can roster on for the day means more funds collected to turn Dunstan’s vision into a reality. Please ask family, neighbours and friends if they can assist by rostering on for a two or three hour shift between the hours of 7.00am and 3.30pm. This will be our first Badge Day and if successful may become an annual event. Please help us to make it a success. For more details please contact Alison at the Foundation Office on (08) 8303 3364.

SUNDAY 24 MARCH
12.30pm-9.30pm, Friday 23 March 2001, 12noon - 2.00pm, Kppy Rayfomk, Bann Smith Libm.

The seminar will be hosted by the Academic Women’s Forum. Speakers: Dr. Nanaa Grin (Human Resources), Professor Penny Bournah (DCWE), and Professor Caroline McLaren (Psychology). Lunch will be provided between 12 and 12.30 pm. RSVP: Dr. Natalia Aquino, natalia.aquino@adel.edu.au; if attending lunch by Friday 16 March.

MISSED THE DEADLINE
For the latest news see the online bulletin boards at http://www.adelaide.edu.au/available to staff and students of the University.

ACADEMIC WOMEN ARE INVITED TO A SEMINAR ON

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To be held on Friday 23 March, 12noon - 2.00pm, Ira Rayfomk, Bann Smith Libm.

The seminar will be hosted by the Academic Women’s Forum. Speakers include: Anama Moriss (Human Resources), Professor Penny Bournah (DCWE), and Professor Caroline McLaren (Psychology). Lunch will be provided between 12 and 12.30 pm. RSVP: Dr. Natalia Aquino, natalia.aquino@adel.edu.au; if attending lunch by Friday 16 March.

MISSED THE DEADLINE
For the latest news see the online bulletin boards at http://www.adelaide.edu.au/available to staff and students of the University.
Situations Vacant

For information about vacancy positions in the University, please refer to the University's Human Resources web page at: <http://www.adelaide.edu.au/hr/newpos/adviso.html>.

Please note that advertising paper work will reach an Online 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 3566.

Special Studies Program

Special Studies commenced in the period 1 January 2002.

Applications are now invited for Special Studies commenced in the first half of 2002. Application forms may be obtained from the Human Resources web page at: <http://www.adelaide.edu.au/hr/newpos/adviso.html> and should be returned direct to the Faculty SSP Coordinator through the Head of the Department no later than 31 March 2001.

The Faculty contacts for SSP are as follows and hard copies of the Application Form and SSP Policy and Guidelines may also be obtained from them:

- Agriculture and Natural Resources: Kaila Muir (ext 32701)
- Engineering, Computer and Mathematical Sciences: J anine Channon (ext 30530)
- Health Sciences: Stella Richards (ext 35274)
- Humanities and Social Sciences: Robyn Williams (ext 35123)
- PALACE: Beverley Alkerin (ext 33986)
- Science: Eileen James (ext 35660)

Details of the SSP scheme are contained in the Special Studies Program Policy which may be found on the following web site: <http://www.adelaide.edu.au/hr/newpos/adviso.html>. Procedural guidelines which should be read in conjunction with the policy may be found at: <http://www.adelaide.edu.au/hr/newpos/adviso.html>. Staff members are invited to discuss any questions they have about their eligibility for leave or the operation of the Special Studies Program with either J ude Racine (ext 35721) or J ane Coward (ext 34492) in Human Resources.

STEVE DAVIES
General Manager
Human Resources

Women's Professional Development Network

The WF DN 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 general women staff.

The WF DN runs a variety of activities including breakfasts, lunchtime speakers and workshops. For more information on how to join our listener, visit our site at: <http://www.adelaide.edu.au/counselling/counselling_centre.html>.

COMING EVENTS

- Health and Well-Being - Femnood Fitness Centre Wednesday 14 March at 12.30pm in the Ira Raymond Room, Barr-Smith Library. This is a free event, bring your own lunch.
- A social breakfast will be held in April. See the web site for details.

Advertising positions vacant

When you're considering how best to advertise an academic or management position, don't forget that you can now use Unijob. Unijob is an on-line advertising website that is being used by a number of Australian universities to advertise university job vacancies. The site has been developed by SEEK Communications, who already run the successful SEEK internet recruitment advertising site, which some of you may be familiar with.

You might wish to utilise Unijob as one of your advertising strategies to complement/replace external advertising in the print media.

When considering what a vacant职位 might be most suitable for Unijob, bear in mind that people visiting the site will be looking for positions to work in a university environment or who have university-specific skills. Therefore, positions that would be most suitable for advertising on Unijob are academic appointments and key university administrative positions. To visit the site, point your web browser to: <http://www.seek.com.au/au>. The cost of advertising on Unijob is $100 per advertisement, for 28 days display. All advertisements must be submitted through Human Resources. Please direct any enquiries to Human Resources, on 3566.

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Ground Floor, Horace Lamb Building, North Terrace Campus, Tel: 8303 5663 or visit our website at: <www.adelaide.edu.au/counselling/counselling_centre.html>.

Scholarships

For details of scholarships currently on offer visit the web page at: <www.adelaide.edu.au/HR/edu/scholarships.html>.

All staff and Associates are invited to participate in the 2001 Adelaide University Footy Tipping Competition

The Tipping Competition will adopt the same format as last year whereby competitors tips are entered via the web.

The cost is the same as last year at $25 per competitor. The competition is open to all.

The entry fee will also enable you to attend the End of Season Barbecue and Award Presentation Ceremony.

The season commences on Friday 30 March and you need to have registered and paid in full to one of the committee members listed below:

- Chris Brooke 36137
- Danielle Hopkins 33937
- Leilie O'Shaughnessy 36135
- Barry Porter 36033
- Maria Russo 34013

For further information please contact the WPDN at raymond_room@adelaide.edu.au.

All Staff Meetings

- 8 May Values Education
- 12 August to be announced

ReSearch Expo 2001

The DETE annual Expo for educational researchers and practitioners will once again run in conjunction with the launch on 15 March and continue throughout the year.

Launch - 15 March at the Ridley Centre, Royal Adelaide Show Grounds, Wayville

An initiative of the DETE Research Council, the Research Expo theme is: Research, Education and Training.

The program commences at 4:00 pm with vocational students showcasing their wine, olives and other products produced through VET projects in school and TAFE institutes around the state. Musical entertainment will be provided by the Fremont-Elizabeth City High School Band. The Expo will be launched at 4:45pm by Chief Executive Geoff Spring. The Colin Thiele Lecture will be delivered by Ms Moira Scollay, Chief Executive Officer of the Australian National Training Authority. No registration fee/free car parking.

Expo is an acknowledged DETE professional development activity. Monthly panel sessions are scheduled at the Education and Development Centre, Hindmarsh.

- 10 April Vocational Education and Training
- 8 May Values Education
- 12 August to be announced

There may be potential for remote, interactive participation through new technology. See details at: <www.researchcouncil.sa.edu.au>.

Energy-Efficient House Design Project

The School of Architecture, Landscape Architecture and Urban Design is again looking for volunteer clients for the design of an environmentally responsible energy-efficient house, a student project in the BArch degree. Clients must be able to provide a site (though actual ownership is not necessary). Access to email is a requirement.

Students will select their ‘clients’ on the basis of a questionnaire filled in by prospective participants. Working in small groups during Weeks 7-12, each student will produce an individual design for the selected client. Interaction with the clients will entail a total time commitment of about 12 hours, commencing in the mid-semester break.

Project Co-ordinator: Deborah White, Tel 8303 5742, email <deborah.white@adelaide.edu.au>.
A KEY document which played a role in Australia's historic Federation in 1901 is steeped in images which not only highlight but reinforce Britain's sovereignty over Australia.

Research by a Adelaide University's Associate Professor Paul Corcoran (Department of Politics) reveals the document—a formal public letter from Queen Victoria to the Australian colonies establishing the office of Governor-General—is a bold visual statement of the British Empire's hold over Australia.

Dr Corcoran is a political theorist whose research involves the language, linguistics and rhetoric of politics, as well as the imagery and visual representation of politics.

He was commissioned by Australia's National Archives to provide a detailed examination and interpretation of the images contained on the Queen's letter, known as a "letter patent", as well as its large wax royal seal.

Witten in October 1900, the letter was read out to the assembled crowds in Sydney on 1 January 1901, the day of Federation.

Despite being a key document in the formation of the Australian nation, the visual design of the letter patent does not represent Australia in any way, Dr Corcoran said.

"The border design of the parchment, which runs down the sides of the page, is a heraldic device typical of medieval European images which conform to traditions around 1300 years old.

"Among the images is a celebration of the political union between Scotland, England, and to a lesser extent Ireland. There are also representations of the British Crown, and frequent icons from Ancient Greece and Rome which personify many of Britain's ideas—Justice, Peace, Prosperity, Piety.

"Britain itself is represented by the goddess Athena. In fact, Christian iconography is present here, in this document, in this letter, rather than images from Greek and Roman mythology.

"A part from the symbols of Commonwealth, the embellishments do not relate directly to the content or the intent of the letter, and there is no distinct iconic symbolic of Australia," he said.

Dr Corcoran said much can be learned from visual elements such as these "because they are often far more communicative than the text."

H is detailed interpretative comments are now part of the National Archives' body of work on Federation documents, and are featured at the new Federation Gallery in Canberra.

Unlike the British Empire, Dr Corcoran believes Australia has an ongoing problem trying to find and utilise images which represent our national identity.

Dr Corcoran was co-author with doctoral student Ms Sally-Ann Rowland of a paper titled "The Naked Royal image", which examined the problems encountered by Australians Republican movement in finding visual representations of its ideals.

"National identity is a big issue in Australia, but we can't seem to locate the right images that portray who we are.

"If we knew what shouldn't be there, but we can never quite work out what should be—which is why a lot of organisations simply turn to different representations of the map of Australia as their logo."

"Australia is effectively living in a 'symbolic vacuum'. The inability of the Republican movement to rise to the challenge is just one of many examples," he said.

--- David Ellis

**O liphant papers come to “home”**

MORE papers from the late scientist Sir Mark Oliphant will be added to a Adelaide University's Barr Smith Library collection, thanks to a generous donation from Sir Mark's daughter, Ms Vivian Wison.

The papers will be added to the collection deposited at the University by Sir Mark in 1984. That collection, while extensive, consists mainly of papers created by Oliphant after his return to Australia in 1950.

Most of the newly received material is expected to deal with his later years of research. The new material will be added to the current listing when it has been arranged and described.

The current material includes 95% of the correspondence Oliphant received and all annotated copies and copies signed by him.

"There is a continuing research interest in Sir Mark and his influence on his contemporaries. Only recently Special Collections received a letter from the Bertrand Russell Research Centre in Canada asking us to search the papers for a lecture given by Sir Mark in around 1935 that Russell attended and commented upon. We didn't have it at the time, but just possibly something will turn up in the additional material we are in the process of acquiring."

A small display of Oliphant material has been mounted outside Special Collections, Level 4 in the Barr Smith Library. The current listing of material is also available online: <www.library.adelaide.edu.au/ual/special/collections/oliphant.html>.

Sir Mark Oliphant was an Adelaide University physics graduate in 1923 and went on to become one of the world's most famous scientists, known mostly for his work on the Manhattan Project during World War Two.

He died in July last year, aged 98.

**TWO students in the O department of Computer Science have been awarded prestigious internships with Sun Microsystems Laboratories in Mountain View, California.**

PhD students William Brodie-Tyrrell and Travis O’Ids left Adelaide in February to begin their three-month internships. William is currently in his first year as a PhD student in the Jarcandra Research Group in the Computer Science Department, while Travis has just completed his honours degree and will start a PhD at Adelaide on his return.

In California, both students will be working on the CheckSpot project, which aims to increase the availability and reliability of long-running, large-scale Java applications.

The technical challenges are complex and require significant understanding and development of a range of computer system tools.

The internships arose from a research visit by Professor Chris Barter, head of Adelaide's Department of Computer Science, and senior lecturer Dr David Munro to Sun Microsystems last year.

A number of collaborative projects and further internships are expected to arise from the initial project undertaken by William and Travis.

--- David Munro, O department of Computer Science

**C areers fairs expose potential employers**

MORE THAN 30 major local and national employers will take part in the Adelaide University's Careers Fairs, being held at Bonython Hall on Thursday, 15 March and Friday, 16 March.

The fairs give students the chance to make the crucial first contact with prospective employers recruiting graduates in their field of study, according to Careers Service Manager, Mr Brant Schulze.

"The Careers Fairs are an excellent opportunity for students to find out more about companies and various government agencies and what these employers are looking for in graduates," he said.

"It's open to students from all years, not just those who are graduating this year — it's never too early to start planning ahead for your life after university.

"My advice to students would be to get as much out of it as you can: plan what you want to do before arriving, and once you're there, visit as many potential employers as you can and ask plenty of questions."

The Careers Fairs, sponsored by the Institute of Chartered Accountants, run from 11.30am to 3pm and focus on different disciplines each day.

The Thursday, 15 March Fair encompasses Arts, Commerce, Economics and Finance, while the Friday, 16 March Fair features Mathematical and Computer Sciences, Engineering and Science.

"Students very rarely have the luxury of having so many potential employers in the same spot at the same time, so I would encourage all students to take advantage of the Careers Fairs and get the most out of them," Mr Schulze said.

A Adelaide University's Careers Service also recently launched its comprehensive guide to careers for students, the 2001 Careers Handbook.

It was launched by Simon Ward, an managing Partner for Piper Alderman Lawyers, one of the publication's sponsors.

Some 10,000 copies of the handbook have been printed, and it is also available online at <www.adelaide.edu.au/careers>.

--- Ben Osborne

--- David Munro, O department of Computer Science
Intergalactic collision a big hit for Adelaide astronomer

A PHYSICS student from Adelaide University is attracting world wide attention after discovering evidence of a vast collision between two giant clusters of galaxies.

PhD student Melanne John-Hollitt has found “wreckage" left behind by the collision, in the form of radio waves created by a titanic shock wave in space.

The finding is the first of its kind, and changes astronomers' views of how clusters and individual galaxies evolve.

It was a chance discovery by Ms John-Hollitt, who was conducting a study of radio emissions from a known galaxy cluster about 700 million light-years from Earth.

Clusters are big groups of galaxies held together by gravity. They are relatively common—in the 1980s an astronomer named A. T. A. West catalogued around 4000 of them. The discovery of Ms John-Hollitt's study was Abell 3667, a group of about 500 galaxies approximately 4.3 billion years old.

What the finding was that Abell 3667 is actually made up of not one but two galaxy clusters—a large one that at some time collided and merged with a smaller one.

The biggest evidence for this is the concentrated bursts of radio emissions that arc out and flank the cluster, like a shock wave spreading out from an explosion. You can see them in the top right and bottom left of the photo.

The collision and its aftermath are like the Titanic hitting an iceberg", Ms John-Hollitt said. "You can see them in the top right and bottom left of the photo."

"The shock wave produces these large arcs of radio-emitting particles, which we can see using radio telescopes."

The radio arcs in Abell 3667 were first detected with the University of Sydney's Molonglo Observatory Synthesis Telescope. Detected with the University of Sydney's Australia Telescope array in Narrabri, New South Wales, to collect further data.

The radio arcs in Abell 3667 were first detected with the University of Sydney's Molonglo Observatory Synthesis Telescope. Detected with the University of Sydney's Australia Telescope array in Narrabri, New South Wales, to collect further data.

The clusters themselves are so big that the galaxies inside them never actually collide.

"They pass through each other without colliding, but the gases in between interact to create a kind of shock wave," she said. "The shock wave produces these large arcs of radio-emitting particles, which we can see using radio telescopes."

General Assembly of the International Astronomical Union (astronomy's equivalent of the Olympics), M. S. Johnston-Hollitt also organised Australia's first ever national workshop on galaxy clusters, which was held last month in Sydney and is expected to become an annual event.

Ms John-Hollitt has two degrees from the University of Adelaide—A Bachelor of Science (Physics) and a Maths & Computer Science degree with Honours in Astrophysics—and is due to complete her PhD later this year while teaching in A. D. E. Department of Physics. Although based at Adelaide University, Ms John-Hollitt's PhD is supervised by John-Collins and Sydney universities and the CSIRO.

Melanne John-Hollitt with an image of the collision aftermath. Photo: David Ellis.
Gareth E vans key speaker at C risk in Asia conference

From Page 4

The controversy surrounding Hannibal is “one of those stories that repeats itself”, Dr McEntee said. “Are we going to have a film that seems to break rules in a medium where those rules have all been broken before—just that it’s some of the less omnivorous critics haven’t noticed.”

“A, it’s because Hannibal’s a really, really mad character that the brains are slipping. I think in the longer view, over the past 20 years, there have been some desensitisation.” Dr McEntee said he believed that while the film of Hannibal is much better than the book, its shocking tactics “may signal that the exhaustion of this particular dramatic fashion for serial killers is not far away”, she said. “If Had Hannibal been as compelling a film as Silence of the Lambs, people would have had things to think about apart from the violence. But Hannibal is certainly inferior to Lambs, and at some points—such as the brain scene—it resorts to complete silliness. This is the usual first sign that a genre is on its way out, at least for the time being.”

“Looking at the pattern of those old revenge tragedies, including Hamlet, there is a certain moment where they start in high seriousness, then as more of them are produced, bad versions are produced, and the genre starts to wear out. It becomes silly loses its impact, and then you see exactly that kind of scene with the brains in Hannibal. It’s horrid to the point of being comic, of being parodic.”

Dr McEntee said, “and although there will be others to follow, we may see audiences starting to switch off to other things like this in future.”

— David Ellis

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A decade of Kaurna language reclamation

WARRABARNA KAURNAR: Reclaiming an Australian Language, authored by Adelaide University alumnus Dr Rob Amery was launched last month at the Tandanya Aboriginal Cultural Institute. Warrabarna Kaurna is a longitudinal study of the reclamation of the Kaurna language, where Kaurna people are working in collaboration with linguists and educators.

This study is breaking new ground, challenging widely-held beliefs about what is possible in language revival and questioning notions about the very nature of language and its development. Warrabarna Kaurnar is the first volume to appear in the new book series Multilingualism and Linguistic Diversity, edited by Tove Skutnabb-Kangas (Roskilde University, Denmark).

In recognition of his publications contribution to the greater awareness and understanding of Aboriginal cultures and identities, Dr Amery has been nominated for the Stanner Award. This award is offered each year by the Australian Institute of Aboriginal and Torres Strait Islander Studies.

The launch was made possible through the sponsorship of the Cornell Chapter of Adelaide University's Alumni Association and was attended by around 200 guests representing academia, government, the general public and members of the Kaurna community.

The publication was formally launched by Dr Alice Wallara Kaurna, an inspirational song written by Nelson Varcoe to celebrate and embrace the reclamation of the Kaurna language.

In this book, Dr Amery says: "It is his work has been extremely valuable to the Kaurna people, and this book will help efforts to reclaim their language."

Joining a working party to Antarctica as Chief Geologist, Robin loved the experience so much it became the first of seven field seasons to the continent. He is the first person to have been witnessed willingly diving off the Antarctic continent into the ocean," said colleague and friend Dr John Cooper.

Although he formally retired at the age of 60, Robin carried on as if nothing had changed. For two years he continued with some lecturing and rarely missed seminars up to recent times. He attended many conferences and contributed his continued research to a number of them.

Robin pained of his time and capacities in many ways. The door of his room was always open to any student, staff member or visitor. Among his many activities, Robin was a Chief Examiner in Metamorphic Petrology at Adelaide University.

Robin Eaden has been an active member of the Cornell Chapter of the Alumni Association.
Co-O pera's university connection

THE ELDER Conservatorium's connections with "the people's opera company", Co-O pera, are set to be strengthened further during the company's 10th anniversary season.

No fewer than 12 of the performers appearing in the 2001 productions are Conservatorium graduates or current students.

The close relationship with the University has existed since Co-O pera's foundation in 1991, by current General Manager and Musical Director Brian Chatterton, a former Director of the Elder Conservatorium and Dean of Performing Arts.

He established the company with the specific aim of making opera attractive and affordable to all. In the past 10 years Co-O pera has increased its output from nine to about 100 performances across Australia annually. These include a highly successful schools program as well as continuing participation in the Morning Melodies program at the Adelaide Festival Centre.

The company regularly offers additional employment to artists and technicians who work with the major Australian opera companies, and is recognised for its valuable role in broadening the experiences of new singers.

This year, for a formal residency arrangement, Co-O pera is returning to its birth place, the Royal Adelaide Showgrounds.

The move will provide a much-needed base for rehearsals as well as an Adelaide performance space.

Elder Conservatorium graduates (or current students) taking part in the 2001 productions include:

- Lindsay Day, Imogen Rose, Robert England, Cherie Boogaart, Darian Johns, Teresa La Rosca, Samantha Rubenhold, Michael Groos, Peter Miller, Patrick Lim, Adam Goodburn and Joanna McWilliams.

During 2002, the company will tour in South Australia, Victoria, New South Wales, Queensland, and Tasmania.

Performances in South Australia are:
- A Midsummer Night's Dream, Carrick Hill, Springfield (4 March); Great Moments in Opera, Wool Hall, Royal Showgrounds (15, 16 June); Così Fan Tutte, Peter Lehmann W Inery, Tanunda (4 August); Così Fan Tutte, Pirramimma W Inery, Mclaren Vale (10 November); Così Fan Tutte, Wool Hall, Royal Showgrounds (23, 24 November).

Bookings for all these performances may be made through BA 55, tel. 131 246.

— John Drislane


N E W S M A K E R S

M edia interest in the subject of endangered species and the sign of dying out.

The Sunday Mail (18 March) was among several media outlets to interview Dr D avid Paton about the disappearance of certain bird species from the Adelaide Hills. In the same newspaper, Dr Keith Walker drew attention to the loss of river species from the Lower Murray. He fail to have snails classified as endangered, he said, was a hangover from a bias towards "charismatic megafauna" - that is, attractive mammals, birds and animals.

E ndangering the lives of attractive humans is a specialty of the T ricia Winterhalter, Lecturer in the Department of Theology, University of Melbourne, and Mr W ibaut is Associate Professor at the University of Melbourne and Mr W ibaut is Director of the Australian National Academy of Music.

Dr Terry Williamson, a former student of the Elder Conservatorium of Music, is a speciality of the fictional Hannibal Lecter. On 5AA (19 Feb), Leon Byner discussed with Dr John Drislane, seeks the views of various Radio and Television presenters including the energy ratings of domestic houses.

Another Satchell interviewee was Dr Sue Hosking, Head of Science, South Australia, and Professor Chris Burrell, who is a specialist in the loss of river species from the Lower Murray. The failure to have snails classified as endangered, he said, was a hangover from a bias towards "charismatic megafauna" - that is, attractive mammals, birds and animals.

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