

Major grant to integrate curricula and CAL

Two of the University of Adelaide's science-based divisions have won a \$123,000 National Teaching Development Grant to integrate computer-aided teaching and learning into their curricula.

The Divisions of Science and Agricultural and Natural Resource Sciences have been awarded one of only 10 new grants for organisational units, recommended by the Committee for University Teaching and Staff Development.

The project should result in more flexible teaching and learning options for students and staff, as well as a strategic and well-managed integration of computer-aided learning (CAL) into a broad range of the science disciplines.

While both Divisions already use CAL and interactive multi-media

packages, the grant will ensure the programs are underpinned by a coherent curriculum model.

The Head of the Division of Agricultural and Natural Resource Sciences, Professor Malcolm Oades, said the grant would allow the Divisions to co-ordinate their approach to CAL.

"The most important outcome of this grant is the co-ordination and encouragement of staff who are doing this already, so that the expertise can be spread throughout both Divisions," he said.

"As a result, we should be able to teach much more efficiently."

The Acting Head of the Division of Science, Professor Caroline McMillen, said she was "immensely proud" of the grant win.

"It reflects that our investment in

developing and maintaining a state-of-the-art infrastructure in learning technology places us in a nationally-competitive league," she said.

"Now we can capitalise on that infrastructure to achieve some enormous leaps forward in our teaching programs."

Dr Pat James, the Associate Dean (Learning Technology), in the Division of Science, is teaching a course almost entirely through the Internet, with Web-based material supplemented by tutorials.

Dr James, who has set up 460 Web pages for the course, said the advantages, in terms of flexibility, were enormous. For example, students could learn at their own pace and in their own time, accessing the course work at any time of the day or night.

He said the Divisions' CAL pack-

ages had been effective, but there had not yet been a detailed examination of how those packages fitted into the overall curriculum.

"The idea of this project is to get the ACUE to develop guidelines for including computer-aided learning packages into the curriculum," he said.

"It basically means moving from the traditional learning methods to a different mix including more CAL packages.

"The grant will allow us to develop a strategic approach to implementing CAL into the normal university curriculum to make it much more flexible."

The ACUE will develop the guidelines, which it will then monitor and evaluate.

—David Washington

Use of State forests is on the increase

Couch potatoes might scoff at those who list 'bushwalking' among their interests—but a recent University of Adelaide study shows that bushwalking and other activities in State forests are highly valued by many South Australians.

A survey of the recreational use of State forests in the Adelaide Hills showed that the six top activities are: barbecues/family picnics, bushwalking (over 2km), short walks (under 2km), cycling/mountainbiking, dog walking and exercising, and camping.

Some of the more unusual and diverse activities undertaken in forests include husky dog sledge racing and medieval war games.

The survey, conducted over a 12-month period, also showed that a large number of South Australians regularly use forests in the Mt Lofty Ranges, with more than 200,000 people estimated to be visiting Mt Crawford, Kuitpo and Second Valley forests annually.

Commissioned by Primary Industries South Australia (Forestry Division) under a contract through Luminis Pty Ltd, the survey was conducted by lecturers Mr Peter Smailes and Mr Derek Smith and a team of 21 students from the University of Adelaide's Department of Geography.

"The data collected about who uses the forests for recreational purposes has significant implications for understanding the variations in demand for forest recreation," Mr Smailes said, "and for any potential marketing of recreation activities.

"According to our data, the more



Part of the student survey team. From left: Jason Martin, Cate Owen, Emma Baker, Rebecca Branford-Bowd, Penny Baldock, Michelle Goody. Photo courtesy of Derek Smith.

remote Second Valley forests appeal mostly to middle-aged people touring the Fleurieu Peninsula by car, while Mt Crawford appeals much more to young families taking a day trip.

"In both cases, adults appear to take a substantial number of children along. Relatively few pensioners currently use the forests."

An interesting aspect of the survey results was the strong appeal of both

pine forests and native vegetation forests to different kinds of users. Large numbers of people were also found to be visiting relatively unknown and non-advertised sites of interest that could have major tourism potential.

Mr Smith said the survey indicated that public usage of State forests was on the increase.

"The estimated number of visits to

Mt Crawford in 1977 was just 18,000 people, while the present estimate is about 80,000 people," he said.

"That's more than a four-fold increase in 20 years, or a growth of about 8% per annum since 1987. If this rate of growth continues, it represents a massive increase in the value of the forest as well as a need for new management strategies."

Continued on Page 5



The hot news is the disaggregation of vertical integration

Recent speculation about the timing of the state election has shown that we clearly enjoy the fun of predicting something prior to its announcement. Speeches have been analysed for clues, passing comments by senior politicians interpreted as hints.

In higher education at the moment speculation turns not on an election date but on the contents and impact of the West Committee's Report. I was fascinated when a member of the Committee said in a casual reference to its activities, "Of course we are concentrating on the disaggregation of vertical integration".

Several of those nearby looked as puzzled by this as I felt. Further explanation revealed that this referred to the fact that in the future the teaching in universities in the sense of transfer of information and knowledge will not necessarily be provided by universities themselves.

Rather, it will be available electronically and via cable television arrangements. This will have a significant effect on the nature of the higher education system. Now that I knew what we were talking about, I was delighted.

It has been of considerable concern to me that we are not addressing this issue adequately within our own University, although the recent reports of ITISSAC (Information Technology and Information Services Strategy Advisory Committee) are leading us in the right direction.

I think the future opened up by the electronic provision of teaching material provides a most exciting opportunity.

We will be able to offer students a very rich choice of materials and teachers will not have to concern themselves primarily with ensuring the transfer of information to students. Instead they will be able to concentrate on helping students master the material, absorb it and use it to tackle difficult, practical problems.

We will also be able to offer students who are particularly interested in a subject an extended array of information, and to show them how to manipulate the massive amount of material available—this will create quite a different world to the lecture/tutorial system of the past, and to a large extent, the present.

Certainly teaching will be transformed and hopefully student learning will be enhanced.

This "value-adding" style of teaching which universities will offer must be developed and "sold" in the education market place, otherwise why wouldn't students simply use the information transfer of internet and television?

Unless we confront the issue of disaggregation of vertical integration squarely and sensibly we may be facing the disintegration of large parts of Australian higher education.

MARY O'KANE

Past and Present Aims



As the University is once again busy redefining itself and reassessing its strengths, it might be interesting to compare our current thoughts with those of an earlier period.

The following list of "Suggested Aims for The University of Adelaide" was presented by the then Vice-Chancellor (A P Rowe) to the Council for discussion in 1950. In some ways, the concerns and challenges of the day seem remarkably similar to current ones.

1. To preserve independence from external control.
2. To limit the number of full-time students to 3,000.
3. To reduce the number of sub-

graduate diploma courses with a view to their eventual elimination.

4. To resist a lowering and to encourage a raising of entry standards.

5. By expansion of the Union, the Staff Club and the Colleges, and by other means, to encourage an integrated intellectual community in and out of formal teaching hours.

6. To examine the whole curriculum within the next three years.

7. To attain, as funds become available, a ratio of permanent staff to students of one in ten.

8. To encourage research in all departments.

9. To restore the international prestige of the Waite Institute as a centre of fundamental research in

agricultural science.

10. To encourage strong graduate bodies and to keep them informed of university affairs.

11. By granting study leave, by representation at conferences, and by other means, to maintain a close association with universities in Australia and overseas.

12. Within the limits of the functions of a university -

- (a) to cooperate with the state educational authorities in developing the whole education system of the state

- (b) to provide without fee appropriate advisory services to the government of South Australia.

Adrienne Eccles
Alumni Association

GUEST COMMENTARY

Teaching grants—get strategic, get technical, collaborate

by Dr Gerry Mullins
Advisory Centre for University
Education

The first round of grants recommended by the new Committee for University Teaching and Staff Development (CUTSD) have been announced by Education Minister Senator Amanda Vanstone. At this University the Faculties of Agricultural and Natural Resource Sciences and Science and the ACUE were awarded \$123,055 to integrate computer-based teaching and learning in the curricula in the two Faculties.

In 1997 CUTSD replaced two committees: the Committee for the Advancement of University Teaching (CAUT) and the Commonwealth Staff Development Committee (the Cathie Committee). The new committee has a new chairperson, Professor Ingrid Moses, Vice-Chancellor of the University of New England.

The 26 new grants consist of 10 National Teaching Development Grants for Organisational Units worth \$1,178,696, and 16 National Staff Development Grants worth \$1,345,850. The Organisational Teaching Development Grants are a new initiative of the present administration. The Staff Development Grants have a new emphasis on teaching and now exclude support for postgraduate awards for amalgamating staff.

The announcement of the grants provides an opportunity to analyse the priorities and preferences of the new committee, especially in the light of a new round of applications for 1999 projects in November this year. CUTSD has a budget of \$20 million over three years.

National Teaching Development Grants for Organisational Units

Ten grants were awarded out of more than 70 applications. Two grants (to several universities including Swinburne, Ballarat and Tasmania) are based on responses to the recent National Review of Engineering Education. Both projects seek to encourage active, independent learners within a collaborative framework. The remaining eight grants are based on some form of information and communications technology.

The range of uses of technology is impressive. Deakin intends to set up an 'electronic warehouse' which will guide first year psychology students through a problem solving approach to scientific research methodology. In a similar vein, La Trobe will develop a self-instructional program to teach research skills to health science students.

Sydney will supplement a problem-centred approach to medical education by using intranets to deliver radiological and other medical images. This facility will be used as a model for other disciplines that use images extensively.

Monash, Melbourne and Queensland will combine to

use the Internet to teach French, Italian and Spanish.

Batchelor College will deliver courses to Aboriginal and Torres Strait Islander students in remote northern communities using a range of commu-

nications technology from existing telephone networks to the Internet.

QUT will develop a computer-based communication infrastructure to support students during professional field experience.

National Staff Development Grants

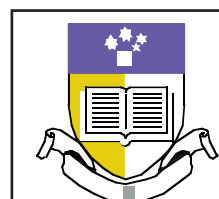
The staff development grants average \$80,000, but range from \$25,000 to \$136,000. The IT theme is still strong—five of the projects are concerned with the development of information technology competencies in managers, librarians, and academic teaching staff, or in the flexible delivery of programs.

However, access and equity are also concerns: Curtin received \$84,000 to provide Aboriginal cultural awareness training for academic staff; UniSA received \$52,000 to foster international and cross-cultural empathy; and Melbourne gained \$95,000 to support the internationalisation of the student experience.

The more traditional areas of professional development for teaching are not ignored. Southern Cross University was given \$80,000 to improve assessment practices; a consortium of four universities (RMIT, Sydney, La Trobe and Griffith) received \$90,000 to develop the scholarship of teaching, including classroom research and reflective practice; and Flinders was funded to improve the supervision of work experience placements.

Western Australian universities did particularly well in this first round of staff development grants. A consortium of UWA, Curtin and Murdoch received two grants, \$234,860 in all, to support collaborative teaching across disciplines and universities. UWA received two more grants, worth \$138,000, to improve student services and access to up-to-date information and increase awareness of student diversity.

So the take-home message for those intending to apply for the next round of Organisational Teaching and Staff Development Grants is reasonably clear. Firstly, get strategic. Grants clearly went to those applicants that proposed approaches to the improvement of teaching and learning across the institution or at least across significant discipline areas. Secondly, get technical. CUTSD is just as interested as its predecessor, CAUT, in the strategic and innovative use of communications and information technology to improve teaching and learning. Finally, it pays to collaborate—within and across institutions.



Adelaidean

John Edge
Editor

Julie Ryke
Layout

Printed by
Cadillac Color

The newspaper of The University of Adelaide

Writers

Patricia Cree
David Ellis
David Washington

Contributors

Elizabeth Butler
Adrienne Eccles
Geoff Sauer

Deadline for next issue is 25 September

Room G07 Mitchell Building, South Australia, 5005. Tel (08) 8303 5174; Fax (08) 8303 4838; Email: jryke@vco.adelaide.edu.au
WWW: <http://www.adelaide.edu.au/Adelaidean/home.html>

Material may be reproduced without permission but full acknowledgement must be given to the *Adelaidean*.

Fast track plan for Lower Level

The newly-appointed independent project management team for the University of Adelaide's Lower Level Site Development aims to fast-track the project so construction can begin as soon as possible.

The new project managers—Integrated Construction (Management Services)—will report to a University "client" committee which will carry responsibility for the successful completion of the \$40 million development.

Design work has stopped while ICMS undertakes a major review of costs. This work is expected to begin again in three to four weeks.

The Project Manager, ICMS

Managing Director Mike Raffety, said his major aim was to "bring the project back on program as soon as possible".

His company has had extensive experience managing building projects for the Australian National University and the University of Canberra. ICMS is experienced in fast-tracking projects.

A "users" committee—made up of representatives of the areas that will occupy the new buildings—will also report to the client committee.

The University's client committee is convened by Professor Judith Brine, who is the Convener of the University's Building Sites and

Space Committee.

The committee also includes the Deputy Vice-Chancellor, Professor Doug McEachern, the Acting Director of Finance and Infrastructure, Mr Bryan Scherer, and the University's Project Liaison Officer for the development, Mr John Larwood.

The Vice-Chancellor, Professor Mary O'Kane, said she expected that the Lower Level Site Development would be put back on track and completed on time and within budget.

She said the University's internal auditor would maintain rigorous oversight of the external project management system.

Mr Bill Scammell to retire as Chancellor

The Chancellor of the University of Adelaide, Mr Bill Scammell, has announced that he will retire from the position in November, to take effect from the conclusion of that month's University Council meeting.

Mr Scammell, Chancellor since 1991, told the Council this month that he felt it was time for him to step aside, having seen the recently initiated changes to University governance and management well under way.

The Council has established a search committee, convened by the Senior Deputy Chancellor, Mr Jim

Bettison, to recommend a new appointment.

Other committee members include Deputy Chancellor Ms Janine Haines, Convener of the Finance Committee Mr Bruce Webb, President of the Postgraduate Students' Association Ms Jill Thorpe, Council member Mr John Keeler, and Deputy Convener of Academic Board, Professor Rob Saint.

The committee will first explore and define the characteristics of the position of Chancellor, and the qualities that might be appropriate in the

new appointee.

The committee will be assisted by, and will welcome, input and comments from the University community on these issues. Comments should be directed to the Senior Deputy Chancellor, c/- Mr Rex Hanney, Secretariat, to be received by Friday, 3 October. [See also p. 4]

The committee's next step would be to prepare a shortlist of potential candidates for Council's consideration. Council hopes to appoint a new Chancellor at its meeting on 14 November.

—David Washington

New University home page now on line

A fresh new design and a restructuring of the major navigational pages are features of the University of Adelaide's new World Wide Web Home Page which went on line on Friday, 12 September.

Two substantial new pages have been developed to provide easily expandable frameworks for information for students, and for University staff.

The 'Study Info' page provides

information on courses, campus facilities and attractions, plus direct links to the faculties and to the Adelaide University Union.

The 'Work Info' page provides links to essential information on all aspects of working at the University of Adelaide.

Both sites are expected to expand rapidly in the next few months.

The graphic design, featuring

the University's people and buildings, was prepared by the Educational Technology Unit. The WWW project was undertaken jointly by the Information Technology Division and the Public Relations and Marketing Office. Feedback on the new site is welcome. (E-mail to pcree@vco.adelaide.edu.au).

The University of Adelaide Home Page is located at www.adelaide.edu.au.

Big Adelaide team heading off for 1997 University Games

The University of Adelaide is fielding a team of some 150 athletes in the Australian Universities Games at La Trobe University next week—and the team will be hoping to beat last year's tally of six medals, which included a rowing Gold.

The Games attract around 6,000 students from all States and Territories and provide a national benchmark for the standard of University sport.

To get there, teams must qualify in the Central Conference Play Offs. Adelaide managed to qualify most of its teams, including Athletics, Hockey, Judo, Kendo, Netball, Sailing, Soccer, Squash, Tennis, Touch and Volleyball.

The backbone of the University's Games thrust is the 40 clubs which make up the Sports Association, and which this year broke the 3500 member mark.

Students also get the chance throughout the year to compete for Australia at the World University Games. This year Iain Melhuish (Swimming) and David Cardone (Track and Field) were assisted by Sports Association travel grants and competed in Sicily in August.

Open Day Net surfers quiz

Web surfers will have the chance to test their Internet skills and win a book voucher prize in a special quiz at the University of Adelaide's Open Day on Sunday, 19 October at the Roseworthy Campus.

The Roseworthy Campus Library is devising the quiz, which will test visitors' knowledge of the campus as well as their Internet skills.

The Library is set to become a buzz of activity on Open Day with Internet access for experienced and novice Web surfers, as well as special displays, including reference materials on wine.

Campus Librarian Angela Mills said the wine books display would complement a range of Open Day activities involving the University's

expertise and achievement in the wine industry.

Another attraction will feature research into South Australia's emerging olive oil industry.

The Open Day will feature a major courses and careers event involving all faculties, faculty talks, scientific displays and demonstrations, as well as music, entertainment and a huge range of gourmet food outlets.

—Patricia Cree

• University of Adelaide Open Day is on Sunday 19 October at Roseworthy Campus from 10am to 4pm. Take the Main North Road and Gawler Bypass, then follow the signs to Roseworthy Campus.

The News IN BRIEF

CONFLICT MANAGEMENT

Two American judges (who are also leading figures in the National Spiritual Assembly of the Baha'is of the US) will be the guest speakers at a Centre for Intercultural Studies and Multicultural Education seminar in the Council Room on Tuesday 23 September at 6pm.

They are US Senior Circuit Judge Dorothy W Nelson and the former Presiding Judge of the Los Angeles Municipal Court, James F Nelson.

Both speakers have wide experience in the area of dispute resolution, and their seminar will explore the topic of alternative forms of conflict management—such as mediation and arbitration—and the way that many nations are turning to these alternatives, not as a substitute for the courts, but as part of a composite system of remedies.

EVOLUTION SYMPOSIUM

The Florey Lecture Theatre will be the venue for a day-long symposium on "The Evolution of Physiological Processes" on Sunday 28 September from 8.50am.

Organised by Dr Chris Daniels from the Department of Physiology, the symposium will precede the Australian Physiological and Pharmacological Society meeting on Monday 29 September and involves 13 leading evolutionary biologists from around Australia.

They will present their research and views on the evolutionary processes that shaped physiological systems in vertebrates and invertebrates, with a wide range of physiological processes, animal groups and technical and intellectual approaches being presented.

• Further information: Dr Chris Daniels, email: cdaniels@physiol.adelaide.edu.au tel 8303 4157, fax 8303 3356.

PIONEER IN STUDY OF METAL-TOLERANT PLANTS TO VISIT

The Centre for Plant Membrane Biology will host a visit on Tuesday 7 October by Emeritus Professor Robert Brooks, a leading scientist in the ecology and phytochemistry of metal-tolerant plants.

Professor Brooks, from New Zealand's Massey University, has concentrated on the use of plants for biogeochemical prospecting. A pioneer in exploration for hyperaccumulator plants, he has led botanical expeditions to places such as Zaire, Brazil, Spain, Morocco and Argentina.

His work in Brazil led to the identification of new plant species that hyperaccumulate metals, while expeditions to Zaire saw the collection of many rare and endangered copper-tolerant plant species.

Professor Brooks will present a seminar in the Benham Lecture Theatre at 4.00pm on 7 October on the role of plants that hyperaccumulate heavy metals in mineral exploration, archaeology, phytoremediation and phytomining.

• Further information: Dr Daniel Schachtman, tel 8303 5724 or email dschachtman@botany.adelaide.edu.au.

Vogel Prize means new future for local writer

University of Adelaide English tutor Dr Eva Sallis has joined the ranks of Australia's most successful writers after being named the winner of *The Australian/Vogel Literary Award* for 1997.

The prize is awarded to the best unpublished novel by an Australian writer under 35 years of age.

Dr Sallis's novel, *Hiam* (pronounced hiyaam), was unanimously chosen by the judges as the winning entry. *Hiam* is the tale of an Arabic woman who drives from Adelaide to Darwin, suffering trauma and isolation following the death of her husband.

This year there were more than 200 entrants to the Vogel prize. As the winner, Dr Sallis was awarded \$15,000 cash and is guaranteed publication of her manuscript.

"It was a major shock when I first found out I'd won it," said the 33-year-old. "I didn't really believe it for a few days. I guess it's the kind of thing that every new writer dreams of."

Dr Sallis graduated from the University of Adelaide with a Bachelor of Arts (Honours) in 1987 and went on to complete her Masters degree and PhD at the University.

Currently a tutor with the Department of English and a Visiting Research Fellow with the Centre for Asian and Middle-Eastern Architecture, Dr Sallis wrote *Hiam* at the same time she was completing her PhD thesis.

Both pieces of work deal with similar themes: the thesis is a comparative analysis of the Arabic and European



Vogel Prize winner Eva Sallis—"a major lateral shift". Photo: David Ellis

versions of *The Arabian Nights*; the novel portrays Arab culture in a uniquely Australian setting and uses elements of Arabic fantasy storytelling to convey *Hiam's* physical, emotional and psychological journey.

"It's a very simple story. *Hiam* travels north trying to deal with grief, because her family is basically destroyed. And in trying to deal with that she has to come to terms with a lot of things about herself and forge a new identity," Dr Sallis said.

"I wrote it using what I knew. I've

driven the journey north and I thought that was a good choice, putting my character out in isolation from her community in order to explore the issues that I wanted to explore. It's a very stark and extreme landscape. It's very visual, so I'm able to make her interior experiences very visual through that.

"I'm also an Arabist. I've been researching Arabic language and literature for a long time. So it was drawing on things I felt strongly about within this specific culture."

Despite the strong Arabic influence

on the novel, Dr Sallis is quick to point out that its themes are universal.

"Many people are going to focus on that fact that it's about an Arab woman," she said. "But while on the one hand I wanted to subvert a lot of the preconceptions about Arab culture and Arab women and about Islam, it's also a book about a human being anyone could identify with, regardless of your cultural or gender background, independent of those stereotypes."

"I wanted a universal search for identity, and I thought the extremes of the expatriate experience in Australia could well serve that. I would hope the book isn't something that's just read out of curiosity about Arab women, because it's not going to satisfy people who are looking for that."

Dr Sallis, who has been teaching Contemporary Australian Fiction to students in the English Department, now finds herself facing her students not just as a tutor but also as one of the newest and most highly recognised of contemporary Australian writers.

"It's different. But it's also a fantastic feeling. I've always wanted to be a writer, and now a lot of opportunities are opening up in front of me," said Dr Sallis, who will resign her Visiting Research Fellowship with the University this year to take up writing full-time.

"I have already started my next novel. I really want to pursue this and see what I'm capable of. It's a major lateral shift in my whole thinking about my future," she said.

Hiam will be published by Allen & Unwin in 1998.

—David Ellis

Advertisement

INVITATION

Retiring? Being Retrenched?

Consider **Investment Options**
Over Lunch...

Each month we host a series of **FREE SEMINARS** at which a light luncheon and refreshments are served.

Topics covered include **ROLL-OVERS, ALLOCATED PENSIONS, PORTFOLIO PLANNING** and the range of investment alternatives.

NEXT SEMINAR DATES:

Wednesdays 8 October and
22 October

TIME: 12.30pm - 2.45pm

For reservations ring Selena or
Petra on 8205 5700.

Todd Partners

Sharebrokers and Investment Advisors

33 Waymouth Street
Adelaide SA 5000

Todd Partners Stockbroking Pty Ltd
(ACN 008 082 157) is the holder of
Dealers Licence No. 10788 trading as
Todd Partners

Member Corporation of Australian Stock Exchange Ltd

ANZAAS: how science benefits community

An estimated 200 local and international scientists from a wide range of disciplines will converge on the University of Adelaide this month for ANZAAS 97—one of the largest and most diverse scientific conventions of its kind in the nation.

The ANZAAS (Australian & New Zealand Association for the Advancement of Science) Congress runs from 29 September to 2 October. Its central theme is the Advancement of Science in Developing Communities—with a focus on the cooperation of scientists in Australasia and Southern Asia.

"The Congress provides a situation in which scientists young in spirit and young or less young in age and experience—Australian and Asian—learn from each other and share experience and insight which should lead to better science throughout the region in the coming century," said the chairman of the organising committee, Emeritus Professor David Boyd.

"The lecture program is concerned with how science and the scientific approach to dealing with problems is used to make life better throughout the whole community."

The program covers two areas:

- *Science & the Quality of Life*, which is directed at how the lives of individual people can be enhanced through scientific endeavour; and
- *Science Work & the Economy*, about how the material needs of people and the community can be improved in cities and the country.

Topics include such issues as health

and mental health in developing communities, infectious diseases management, population control, landmines, science and leisure, alternative energy sources, food production and waste management.

Professor Sir Graeme Davies, Principal and Vice-Chancellor, University of Glasgow; Professor David Phillips, head of Chemistry, Imperial College, London; and Professor Peter Sheehan, founding director of the Centre for Strategic Economic Studies, Victoria University of Technology are just some of the main speakers for the congress.

Key University of Adelaide speak-

ers include Professor Reg Coutts, director of the Centre for Telecommunications Information Networking; Professor Margaret Sedgley, head of Horticulture, Viticulture & Oenology; and Professor Hugh Possingham, head of the Department of Environmental Science & Management.

Running concurrently with the congress is a Youth ANZAAS program aimed at students 10-12 years old. There will also be strong participation by postgraduate students.

For more information contact Rob Perrin on (08) 8374 2203 or email: <perrin@camtech.net.au>.

Invitation from the Senior Deputy Chancellor

Following the announcement by the Chancellor, Mr Bill Scammell, of his intention to retire with effect from the conclusion of the November Council meeting, a search committee has been established by Council to assist it in the appointment of the next Chancellor.

In its first discussion of a new appointment Council felt that given recent changes to the University Act involving the size, composition and function of Council, and significant changes in the management structure of the University, it is timely for the criteria which should be used in the selection of an appointee to be reconsidered; and that this should be the search committee's first task.

Accordingly, I would appreciate

receiving from the University community, individually or as groups, comments concerning the qualities that are now seen as important in our Chancellor. These will assist in preparation of a recommendation to be taken to the October meeting of Council.

Your comments (written rather than oral) should be sent, in confidence if wished, to Mr Rex Hanney, c/- Secretariat: e-mail rhanney@vco.adelaide.edu.au, or to me; e-mail selsley@adelaide.on.net to reach me by close of business on Friday 3 October.

I J Bettison
Senior Deputy Chancellor
Convener, Search Committee

Survey: use of State forests on the increase

Continued from Front Page

Following the release of the final report of this survey, the State Government announced that forest resources in the Mt Lofty Ranges would in future be managed as 'Multi-Function Forests', recognising the range of benefits they provided to the community.

The Minister for Primary Industries, Mr Rob Kerin, said the State forest reserves were an important resource for South Australia.

"In addition to supplying the raw material for industry the reserves provide a range of community benefits including recreation and nature-based tourism opportunities, conservation of native forests and contribute to improved water quality and scenic values in the Ranges," Mr Kerin said.

"Many people use the reserves for a wide range of recreational activities, many of which occur within the plantation areas and cannot be undertaken on other public land."

He said a change in emphasis of the forests' management would allow for greater involvement of volunteers, provide the opportunity to develop partnerships with community groups and the private sector, and to recognise the nature-based tourism opportunities within the Mt Lofty Ranges.

—David Ellis

Action on noise at nightclubs

The State Government has announced a major investigation into noise levels at nightclubs and other entertainment venues, following warnings by two University of Adelaide academics about the risk of nightclub noise.

In a story published in the 2 June issue of the *Adelaidean* Dr Scott Snyder and Associate Professor Colin Hansen (acoustics and industrial noise control experts from the Department of Mechanical Engineering) warned that excessive noise levels in nightclubs could cause staff and patrons to permanently lose their hearing.

Dr Snyder tested the noise levels in two Adelaide nightclubs at the request of Channel 9 earlier this year. He found that the average sound levels near the nightclubs' bars ranged from 105 to 110 decibels. He said about 60% of people would suffer permanent hearing loss

after long-term exposure to that kind of noise.

Associate Professor Hansen compared nightclubs to other workplaces, such as factories, where an equivalent noise level would be considered a serious Occupational Health & Safety issue.

Workers in industrial facilities are required to wear head protection, such as earmuffs, with possible dismissal for employees who do not comply. Simple earplugs provided to some nightclub staff were not effective protection against such loud noise levels, he said.

"This is a very serious issue. The entertainment industry should not be treated differently to any other industry, especially when there are health and safety issues involved," Dr Hansen told the *Adelaidean*.

The South Australian Department for Industrial Affairs has now announced a

major audit of noise levels in venues such as nightclubs, bars, discos, and indoor and outdoor concert venues.

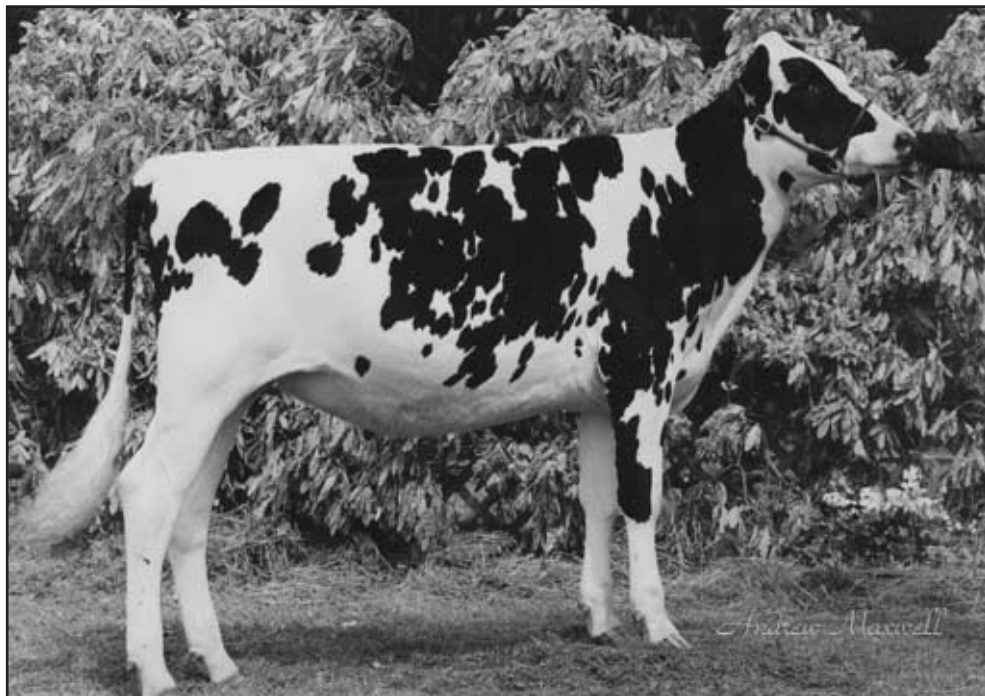
The audit is expected to take months to complete and is aimed at:

- identifying actual levels of noise exposure to employees
- reducing the severity and frequency of noise-induced hearing loss to employees
- raising awareness of employers and employees to OH&S laws, and helping them to comply with these laws.

A spokesman for Industrial Affairs Minister Mr Dean Brown said the issue of noise levels in the hospitality and entertainment industry had been on the agenda for some time, and the warnings by Dr Snyder and Dr Hansen were one of several factors which influenced the Government's action.

—David Ellis

Agricultural Science students win plaudits at Royal Show



Results: Holstein Section: 4th: aged cow in milk (Roseworthy C Carol); 4th: 3 years old in milk (Roseworthy B Ballarina); 2nd: 3 years old dry (Roseworthy I Carla); 5th: 2 years old dry (Roseworthy E Carol); 4th: breeders group over 3 years old. **Results: Jersey Section:** 1st: 18 mths old heifer (Roseworthy H Bess). **Results: Cattle Handlers Section:** Natalie Whap (6th place)

Advertisement

Students from the Faculty of Agricultural & Natural Resource Sciences (ANRS) were active at the Royal Adelaide Show again this year—and came home with well-earned plaudits for their hard work.

Dairy animals shown by a group of eleven Roseworthy-based students led by Susan Lang picked up high ratings in their categories, including a first placing for Roseworthy H Bess in the 18 months old Jersey heifer section.

Apart from looking after and showing their own animals, the students were also involved in the running of the Show Dairy from 5.00am to 8.00pm for the ten days of the Show.

The initiative, funded through the Rural Services section at Roseworthy, offers students an excellent opportunity to rub shoulders with potential employers and to give a public demonstration of the quality and practical application of their studies.

Also at the Show was a group of sixteen ANRS students from both Roseworthy and Waite campuses, all with a beef cattle background.

In a first-time joint venture with

the Royal Agricultural and Horticultural Society organised by Dr Wayne Pitchford, lecturer in Animal Science, and Mr Philip Stott, the Faculty's Associate Dean, External Studies, the students each spent two days at the Show, offering themselves to the public as guides in the beef pavilions.

"They explained the importance of the beef industry and the finer points of the different breeds—including their relative environmental tolerance and their target markets," Mr Stott said.

Students received the experience, a rugby top bearing both societies' names and free tickets for themselves and a friend each.

Mr Stott said the students' work led to two radio interviews. They will now take part in a joint review of the project to identify improvements for next year.

—John Edge

Pictured left is Roseworthy Inspiration Carla, a place getter in the Holstein section. Photo by Andrew Maxwell, courtesy of Jack Bramley, Roseworthy.

Advertisement

Going to a conference this year?

If you will be attending a national or international conference this year, then consider volunteering to host it in Adelaide.

The Adelaide Convention and Tourism Authority (ACTA) is working with the University of Adelaide to bring more conferences to Adelaide. We are here to help you and provide complimentary support from the earliest bidding process to the final realisation of the conference.

We provide an impartial 'one stop shop' and can help you with all of your conference needs.

So if you will be attending a conference in 1997, why not take a package of information on Adelaide, including a complimentary promotional video.

For details of support provided, and to obtain your Adelaide package, contact Ms Anne-Marie Quinn on 8212 4794 or the Vice-Chancellor's Office on ext 33011. Email: <aquinn@registry.adelaide.edu.au>.



Trees 'intercept' salinity problem

Can Australian gum trees help win the fight against dryland salinity? That's the issue being tackled by University of Adelaide PhD student Mr Peter Taylor.

Thanks to a \$75,000 three-year scholarship from the Land and Water Resources Research and Development Corporation (LWRRDC), Mr Taylor is examining the role of trees in controlling groundwater levels and their impact on the growing problem of dryland salinity.

"Dryland salinity is a major environmental problem in Australia, and strategic revegetation has been proposed as a possible solution," he said.

"Because some species of trees use large amounts of water, by planting them around areas affected by dryland salinity these trees can literally 'soak up' the problem.

"It's hoped that by studying the effect trees have on groundwater and salinity we could then determine the best configurations for tree planting in a bid to combat salinity in different site conditions."

The tree configurations being looked at are known as 'interception belts'—long, narrow plantings of tree species which use large amounts of



Photo: (from left): LWRRDC chairman Alex Campbell presents Agronomy PhD student Peter Taylor with his certificate. Photo: David Ellis

water. The success of interception belts in moving great volumes of water, and thereby reducing salinity, depends greatly upon their strategic positioning.

At a trial plantation on the Yorke Peninsula Mr Taylor has been studying the water

usage of red gums positioned around a high-saline area. He found that the amount of water the trees used was highly dependent on the surrounding soil, water and salt dynamics.

At another site, Mr Taylor has been investigating the

effect of wind on the transpiration patterns of Tasmanian blue gums. He found that the more exposed trees in the outer rows often used more water.

"This has implications for the design of interception belts in that widely spaced trees in fewer rows will ensure more trees bear the brunt of a windy day, and therefore transpire more and help fight dryland salinity," he said.

Mr Taylor, whose studies are co-supervised by the University's Department of Agronomy & Farming Systems, the CSIRO Division of Land & Water and Primary Industries South Australia, was recently presented with a certificate for his work by LWRRDC chairman Mr Alex Campbell.

"The Corporation's support of Peter's project is part of LWRRDC's overall commitment to expand and enhance Australia's pool of scientific knowledge on natural resources issues," Mr Campbell said.

"We support postgraduate scholarships with the expectation that the recipients will become the next generation of research leaders."

AITEC wins award for excellence

The Masters of Engineering in Information Technology & Telecommunications (MEng IT&T) course has won an excellence award from the Engineering community for its contribution to engineering in Australia.

This unique course, offered jointly by the three South Australian Universities through AITEC (the Australian Information Technology Engineering Centre), received the Institution of Engineers Australia (SA Division) innovation award, sponsored by the MFP Development Corporation.

It is the first educational program to receive such an award in the history of IE Aust engineering presentations.

The course was commended by the judges for innovation and far sightedness, recognising that the program was a forerunner of many current courses aimed at making graduates more job ready and productive from day one of employment.

Advertisement

Computational techniques conference

The University of Adelaide will host an international conference with important application to industry and the environment at the end of this month.

The biennial Computational Techniques and Applications Conference (CTAC 97)—with participants from Australia and New Zealand, the USA, the UK, Sweden and Germany—is the eighth in the CTAC series. It provides an opportunity for interaction between developers and users of computational methods applied to problems in engineering and science.

Topics range from detection of heat sources in waste dumps, spray cooling of jarred foodstuffs, design of ships, and modelling of groundwater flow to computing tides and currents

in coastal seas.

Invited speakers are Professor Graham Carey from the University of Texas, Professor Michael Powell from the University of Cambridge, the University of Adelaide's Professor Ernie Tuck, the President of Analytic and Computational Research, USA, Dr Akshai Runchal and Dr Daniel Yuen of BHP Research in Australia. There will be also be 105 contributed talks.

Director of CTAC 97 is the University of Adelaide's Associate Professor John Noye, from Applied Mathematics. Dr Noye is the foundation and present Chair of the Computational Mathematics Group of the Australian and New Zealand Industrial and Applied Mathematics

Society, which organises the conference.

Originally scheduled for the University of New South Wales in July this year, the conference was taken on by a group of Adelaide staff when the Sydney arrangements were cancelled in April.

Dr Noye praised the work and enthusiasm of his co-organisers—Dr Michael Teubner, Dr Andrew Gill, Dr Jim Denier and Dr David Walker—for being able to prepare an international conference without professional assistance in such a short time.

General Enquiries by email to <ctac97@maths.adelaide.edu.au> or visit the web site <<http://www.adelaide.edu.au/Applied/CTAC97/ctac97.html>>

British Studies: a glorious past, an uncertain future?

A generation ago, Britain and matters British were still central to research and teaching in the Arts Faculties of Australian universities. Today, by contrast, the canonical status once automatically accorded the study of British history and English literature is little more than a fading memory.

While few would mourn the passing of the cultural cringe which relegated Australian culture and history to the academic margins, what role—if any—British Studies might still play in a post-colonial and perhaps republican context is far from clear.

With the aim of illuminating this question, or at least clarifying the available options, the Centre for

British Studies is holding a symposium on "British Studies into the 21st Century" from 25-27 September.

Although the symposium was deliberately planned to draw mainly on local and interstate speakers, it has attracted Dr Marie Peters from the University of Canterbury, New Zealand, who will discuss sovereignty as an Australasian issue, and Ms Clare Jackson, a doctoral student from the University of Cambridge, whose topic is "Future directions for the 'New British History': a Scottish perspective".

Two other postgraduates (Paul Lobban and Russell Smith, both from the Department of English at the University of Adelaide) will draw on

their research in examining values and canons, and the rise of English as a discipline.

Among other papers are those dealing with "The peculiarity of the English and their relevance to Australia" (Ms Judith Richards, La Trobe University), library and museum collections as resources for British studies (Mr Ray Choate, University of Adelaide and Mr Ron Radford, Art Gallery of South Australia), "British Studies in Eastern Europe after the Fall of the Wall" (Dr Iona Petrescu, Flinders University) and "The need for British Studies in Australia" (Mr Jim Potts, Director of the British Council, Sydney).

For its final morning (Saturday 27

September) the symposium will reconvene at that remarkable Anglo-Australian architectural monument Carrick Hill, to hear papers on the house and its site by Lenore Coltheart (Australian Archives) and Peter Scriver (Architecture, University of Adelaide). Proceedings will conclude with a panel discussion, "Does British Studies have an Australasian Future?", and a conference lunch.

For further information and registration details, contact Professor Wilfrid Prest, Department of History, tel: 8303 5605 or simply come along to the Ira Raymond Room, Level 3, Barr Smith Library, from 9am on Thursday 25 September.

—Wilfrid Prest

ACTA's push to attract academic conventions proves a winner for SA

The Adelaide Convention and Tourism Authority (ACTA) continues to successfully target the academic convention market, with bids lodged by its University Bureau forecast to generate just over \$60 million dollars for the State's economy.

ACTA's University Bureau Manager, Ms Anne-Marie Quinn, has been working with the University of Adelaide since January 1996, and in that time a total of 34 bids have been prepared. Fourteen of these bids have resulted in new conferences confirmed to Adelaide and will generate \$13.2 million dollars. A further 42% of conference bids submitted are still pending a decision.

"Adelaide continues to outstrip its interstate rivals in attracting this lucrative segment of convention business, and ACTA believes the academic convention market will make an increasingly significant contribution to the local economy," Ms Quinn said.

Recently Ms Quinn worked with Professor Anthony Thomas, Director of the Special Research Centre for the Subatomic Structure of Matter, to secure the International Conference on Quarks and Leptons for Adelaide. The event will be held in the year 2000, bringing 200 scientists to Adelaide

from the great particle accelerator facilities around the world. This conference had previously been held in the United States, Sweden, Germany and Japan, and the success of Adelaide's bid was in part related to the new special research centre that was established in January this year.

Professor Thomas said the services provided by ACTA played a pivotal role in securing the event for Adelaide. The successful bid submission presented Adelaide as a beautiful city with high-class, cost-effective conference facilities. The destination, coupled with the achievements of the Special Research Centre for the Subatomic Structure of Matter, created the winning combination for Adelaide.

"ACTA is certainly a worthwhile organisation to contact if you are planning to host a conference. They provide complimentary advice and assistance that really makes the job of securing and hosting a conference so much easier," Professor Thomas said.

For further information on the services provided by ACTA contact Ms Anne-Marie Quinn at the Vice-Chancellor's office on ext 33011 or at ACTA on 8212 4794.



Indigenous music performances entertain and educate youngsters

Enthralled silence, curious questions, enthusiastic clapping and energetic hand-waving were just some of the many reactions of primary school children to a recent series of performances of indigenous music.

The performances were held at various primary schools around Adelaide in the first week in September to celebrate Aboriginal Cultural Awareness Week.

The University of Adelaide's Centre for Aboriginal Studies in Music (CASM) played a major part in the Cultural Awareness Week performances, entertaining and educating children with indigenous songs, music and dance.

Pictured above are (from left) Ashley Coleman and Annie Coleman, from north Queensland, performing with CASM lecturer Kerrie McKenzie for children at Mansfield Park Primary School.

Other performers included Beccy Gollan and Lesley Yasso and CASM lecturer Grayson Rotumah. The concert series was coordinated by CASM lecturer Mr Anthony Pak-Poy, who said there had been a great response to the performances from the children and the schools involved.

—David Ellis

ALUMNI NEWS

Rococo setting for Law dinner

The John Bray Law Chapter invites members and friends to a dinner at the Rococo Café, 46 Exchange Place (off Pirie Street), Adelaide, on Friday 31 October at 7:30pm.

After dinner, Ms Toni Harmer will speak about "International Wine Law and Geographic Indications".

Toni Harmer was granted the 1995 Law Foundation Fellowship to study at the Phillips University in Marburg, Germany, where she completed a Master of Laws degree. Her thesis topic concentrated on the International Protection of Geographic Indications and International Intellectual Property Law.

All alumni, particularly mem-

bers of the John Bray Law Chapter and the Agricultural and Natural Resource Sciences Chapter, are invited to attend.

Please call the Alumni Office on 8303 4275, to organise your booking. Cost: \$25 per person for a two course meal, coffee and petit fours. Diners are invited to purchase their own wines and drinks.

Sports Association looks for blues and half blues

The Adelaide University Sports Association is holding several unclaimed Blue, Half Blue and Club Letters awards for members from previous years.

In particular, they would like to contact:

- Katherine Kennewell (Squash Blue 1978)
- Richard Prusa BAppSc (Ag) 1994 (Rugby Half Blue 1994)
- Marjorie Adam (Cricket Half Blue 1951, Athletics Half Blue 1950, Hockey Blue 1951).

The Sports Association can be contacted by telephone on (08) 8303 5403. The office is located on the north-western corner of the Cloisters near gate 10 on Victoria Drive.

AFUW Bursary winners for 1997

When you hire your academic dress for graduation ceremonies, have you wondered where the money goes?

Money raised through the Australian Federation of University Women's gown hire service is used to fund bursaries and prizes. AFUW SA Inc has been awarding bursaries and prizes since the early 1920's, and funding these awards by hiring academic dress started in 1935.

This year, \$44,400 was shared among 16 people, 9 of whom live in South Australia. Six are studying at the University of Adelaide.

Congratulations are extended to:

- Kanoknart Chintakanon - Winifred E Preedy Postgraduate Bursary
- Jacqueline Dutton - Cathy Candler Bursary
- Katharine Thornton - Diamond Jubilee Bursary
- Peggy Oti-Boateng - Doreen McCarthy Special Grant
- Eleanor Parker - Winifred E Preedy Undergraduate Bursary
- Sophie Wang - St Ann's College Prize.

Next year's round of bursaries will be advertised soon; the University Scholarships Office will have application forms.

—Adrienne Eccles

East End Cinema Offer

The Palace East End Cinema has made a special offer available for Alumni Association members during the month of September.

By showing your Alumni Association membership card at the box office, you may purchase two tickets for the price of one to see "Career Girls", directed by Mike Leigh.

Enterprise course provides the business edge

Students and graduates from a wide variety of disciplines and backgrounds are finding that the University of Adelaide's Graduate Diploma in Business Enterprise will be almost as important to their futures as their degrees.

The one-year course (or two years part-time) provides students with the necessary knowledge and skills to establish and manage their own businesses with an emphasis on innovation. Course topics include business planning, entrepreneurship, marketing, finance and business communication.

The course is offered by the University's Faculty of Engineering and is conducted at the Thebarton Campus, under the direction of Dr Caryl Cresswell and Ms Joanne Pimlott. This year there are 18 students undertaking the course.

Mr Holger Bauer is a Physics student on an exchange to Adelaide from Germany. He decided to study for the graduate diploma to learn more about business and marketing.

"In Physics you don't get an education in business and marketing, and I think this is important for the future because scientific research should be based more on industrial needs," Mr Bauer said.

"I'm not sure if I really would like to stay at university for my whole life, and so I am looking at the chance to become self-employed. I started this course to get some ideas, to learn to evaluate opportunities, and to give me some extra knowledge which might be an advantage for me."

Another German student, Mr Tobias Hoffman, is also undertaking the graduate diploma. Mr Hoffman, who is a Civil & Environmental Engineering student, said the course was extremely helpful.

"When I came to Adelaide I saw that there were some possibilities to import stationery products currently not available in Australia. I thought the diploma course would give me a chance to get to know about the mar-



L to R: Neil Steffensen, Tobias Hoffman, Jill Thorpe and Holger Bauer. Photo: David Ellis

ket here, and to gain the knowledge of how to market your product.

"The course is very helpful, especially if you don't know the market. And it's not only relevant to Australia. You learn a lot about marketing strategies, and you could use this knowledge almost anywhere in the world," Mr Hoffman said.

Mr Neil Steffensen is a Graduate Industry Linked Entrepreneurial Scheme (GILES) student at the University's Thebarton Campus. He's studying for the Graduate Diploma in Business Enterprise as part of the GILES program.

"I'm doing a marketing project with a company called the Exporters' Club," Mr Steffensen said.

"The Club aims to help small businesses learn to export better, and we're hoping to have 200 members by the end of the year.

"I had no previous marketing training whatsoever—I came from a Science background. This graduate

diploma course is very useful for people trying to set up their own small businesses. I've already learnt a lot about marketing, which will be

extremely valuable for the future."

As a mature-age postgraduate student, Ms Jill Thorpe decided her best chance of gaining employment was to start her own business. Having joined forces with two other students, she's undertaking the Graduate Diploma in Business Enterprise to learn more about business creation.

"The facilities and the expertise that the University provides here at the Thebarton Campus are fabulous," Ms Thorpe said.

"A lot of postgraduate students are finishing their studies and they're looking around, wondering what they're going to do in the workforce. This course specifically applies to that, and it's a resource that more students should be looking at.

"Many students realise now that an undergraduate degree is sometimes not enough to get into the workforce. This is the perfect place to develop new skills and gain business knowledge. You come in contact with people who actually are in business—it's very much oriented on the 'real world'," she said.

—David Ellis



News

• Inaugural Lectures

5UV is recording the current series of inaugural lectures and with permission of the relevant professor, can make cassette copies of a particular lecture available on request. The full series of inaugural lectures will be broadcast early in the new year.

• Test Broadcast

5UV's fine music broadcasters are about to hit the FM airwaves again. On Friday 5 October, 5MBS-FM will be back on air for its fifth monthly test broadcast. Its fully detailed program guide can be obtained from 5UV.

• Parenting

"Calling All Parents" is a two-part series on parenting produced by Tony Ryan at 5UV. It is being broadcast on 13 & 20 September at 1.00pm. Copies of the programs are available on cassette. A catalogue of 5UV's recent documentary and feature programming is available from the station.

• International Service

5UV is now broadcasting a new international radio service overnight. After seven years of BBC World Service we are now able to offer the World Radio Network (which is essentially the best of the international broadcast services). Two other stations in Adelaide offer the BBC. WRN is interesting listening from 1:30am each night.

ACCOMMODATION

BEACHFRONT: Fully furnished self-contained townhouse at West Beach. Lounge, dining, kitchen, laundry, 2nd shower and toilet, rear courtyard. Master br, study, 2nd br, full bathroom upstairs. Linen, cutlery, bbq, fortnightly cleaning, extras. Avail now, long term. \$350 pw. Suit visiting academics. Ph Anne or Rod 8377 0936 or 014 097 828.

BURNSIDE: Full board, 3 meals provided. Very close to bus, 25 mins to city. \$260 pw. Ph Mrs Irene McKinnon 8332 6050.

DERNANCOURT: Fully furnished, 3 br house, suit family with small children, avail Jan - Jun 98 inclusive. Close to O-Bahn, shops, school. Enclosed yard, garage, no pets. \$250 pw + bond. Ph Heather or Mary 8303 5685 or email: <mwh@physics.adelaide.edu.au>.

GILBERTON: On the river, 2 br, single storey townhouse, furn, r/c air cond, l-up garage, garden. Suit quiet person(s). Conven-

ient to Uni. Avail now. \$165 pw. Ph 8362 5332 or email: <nellis@chariot.net.au>.

GLENSIDE: 1 br unit, fully furnished, close to shops and transport. \$105 pw. Ph Jane Cameron 8272 3877 or 018 082 346.

KATHLEEN LUMLEY COLLEGE: The postgrad residential college of the Uni has 2 small flats and 2 single study bedrooms (with bathroom) avail for short and medium term visitors to the Uni. Ph 8267 3270 (mornings).

KLEMZIG: Share accom - Postgrad student who has part care of young child seeks someone who likes children and friendly dog. Near O-Bahn and cycle path. Clean and comfortable. Approx \$65 pw. Ph Andrew 8266 0414.

PROSPECT: Person to share with friend in house. \$50 pw + (2 weeks bond). Ph L 8269 5801.

TORRENSVILLE: Lge rm avail in share house, 9 Nov - Feb 98. Close to bus, city, shops, pool. \$65 pw (no bond). Ph 8234 5496

Adelaidean

CLASSIFIED

FOR SALE

BED: Queen size mattress and base. Very good cond. \$195. Ph Richard Hillis 8362 8073.

BED: Double ensemble, exc cond, only used for 2 weeks. \$330. Ph 8364 1326.

FRIDGE: 240 ltr compact Westinghouse Silhouette II. \$185. Ph Balemir 8303 3403 or 8267 1779ah or email: <b_uragun@eleceng.adelaide.edu.au>.

HOMETTE: Parkside - 1 of 2, 2 br, new kitchen, lounge, dining, sliding door to courtyard, 2 car parks. Easy walk to city, shops, cafes. \$125,000 ono. Ph Sandra Groves 014 478 448 for inspection.

HOUSE: Netherby - 4 lge br, formal sitting rm plus sep dining rm, lge mod kitchen, mod bathrm, family rm, additional shower & toilet, laundry & carport. 200m to Waite Campus.

Ph 8303 8500 or 8379 6815.

MAZDA: 626, 1982, blue, 5 spd, exc cond. VJK 540. \$2,850 ono. Ph 8297 1848 (after 8pm).

NISSAN MICRA: LX manual, silver, immac cond, factory warranty, very low kms. VTZ 735. \$12,000 ono. Ph Esther 8293 1158 or 8201 3852.

RENAULT: 1979 SW manual, very reliable, regularly serviced, papers avail. VUW 977. \$2,000 ono. Ph Caroline or Steve 8271 5362.

DEPARTMENTAL

PHOTOCOPIER: Canon NP6650, 50 copies p/min, 20 bin sorter with stapler, document feeder, duplexing, 2,000 page paper tray. Price range \$1,500 (best offer). Ph Piers Brissenden 017 153 264.

TENDER: Mitsubishi Lancer Hatchback 1995, white, auto, air cond, 34,477km, VSH 248. Inspection 24 Sept, 10am - 12noon, ph John Keefe, 8303 5151. Tenders in a sealed envelope marked

Tender No W240 to the Purchasing Manager, Waite Campus by Tues 7 Oct 97.

MISCELLANEOUS

TUITION: Years 3-12, all subjects. French and Spanish for children & adults. Experienced teacher (ex Pembroke). Ph 8339 2986.

WORD PROCESSING: \$2.75 per page, after hours service, professional formatting; city location. For no obligation outline of services, phone Anne Every 8212 6869 or message 8415 7866.

WANTED

VOLUNTEERS: To work in the Student Union's Education Welfare Office reception area during enrolments in 1998. 2 hour shifts, answering phones, fielding basic enquiries and making appointments. An information session will be held at 1.10pm on 10 Oct 97, WP Rogers Rm, Level 5, Union Complex. Ph Karen or Chis 8303 5401 to register your interest.