

# ADELAIDEAN

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NEWS FROM THE UNIVERSITY OF ADELAIDE

MARCH 8, 1999

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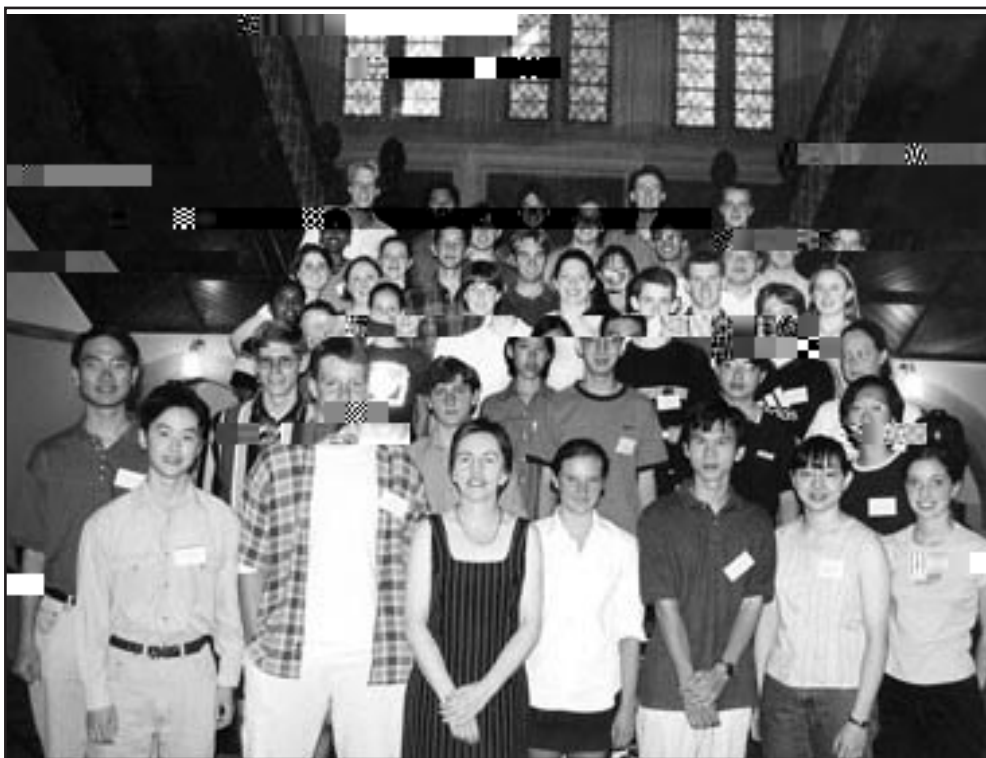
## Telstra contract offers cutting-edge challenge

TELSTRA has awarded a major research contract to the University of Adelaide's Teletraffic Research Centre (TRC) through Luminis Pty Ltd.

The two-year, \$500,000 contract—to carry out ground-breaking research and development work—continues a 13-year partnership between the TRC and Telstra, which has resulted in significant gains for Australia's telecommunications services.

As part of this latest contract the TRC's mathematical modelling will enable Telstra to design more efficient and effective data services.

Data services are emerging as the most important of all Telstra's telecommunications



### V-C welcomes scholarship winners

*Some of the University's new scholarships winners with the Vice-Chancellor, Professor Mary O'Kane (centre front) in the Mitchell Building recently. Professor O'Kane hosted a morning tea reception to celebrate the achievements of the scholarship winners and welcome them to the University. Among those present were the winners of the Premier's Scholarships.*



After the Soviet troops withdrew from Afghanistan in 1989, the bloody situation in that war-torn country disappeared from the headlines in the world's press. The 'civil war' is considered unimportant to distant countries. The fanatical Taliban can be looked down on as intolerant fundamentalists, who close girls' schools and kill their religious opponents. A rich Arab can be demonised as master-minding world terrorism from his Afghan lair.

The images are dramatic, but reflect little serious analysis of Afghan or Central Asian issues.

In truth, since the USSR left and the USA lost interest, Afghanistan has continued to be a battleground for outside powers fighting by proxy. The Taliban's origins lie in the refugee camps of north-west Pakistan, and the movement is sustained diplomatically by Pakistan and is funded by drug money with Pakistani links. The opposition in the west has the support of its co-religionists in Iran. The opposition in the north is backed by Uzbekistan, and in the north-west the struggle is closely linked to the civil war in Tajikistan. All of the neighbouring countries' links to the warring factions have a strong ethnic dimension.

Further away, the competing forces in Afghanistan have drawn support along religious lines. Saudi Arabia helps to finance the Taliban as an Islamic movement. Russia leads the opposition within the Commonwealth of Independent States to Islamic fundamentalism, which if unchecked could infect the former Soviet Central Asian republics.

Economic interests provide a final piece



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## Heard about the new Uni staff travel club?

Discounted travel has just been exclusively secured for University of Adelaide staff and their families through Traveland Corporate.

### Uni Staff Club Benefits

- Up to 4% Rebate on Ansett Domestic Holiday Packages
- Up to 5% Rebate on International Packages
- Up to 7% Rebate on Published International Airfares
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# Wine project uncorks student skills

A WINE PROJECT is not considered your normal introduction to an undergraduate academic year at the University of Adelaide.

But for three international students the two-week project had little to do with cracking open a bottle and more to do with preparing for a hard year's work.

From 8-19 February, Yoshie Furusawa, Lok-Ping Katherine Quan and Nutthapong Phaisub completed their project, "Entering the Japanese Wine Market", as part of the Undergraduate Bridging Program conducted by the University of Adelaide's Advisory Centre for University Education.

Over the two weeks, 25 undergraduate students were placed in small groups to work on projects related to their upcoming courses, presenting them in oral presentations on the final day.

Ms Furusawa, 36, of Japan, said the project was a valuable experience as it gave her the confidence to find information and identify the most important materials for her research.

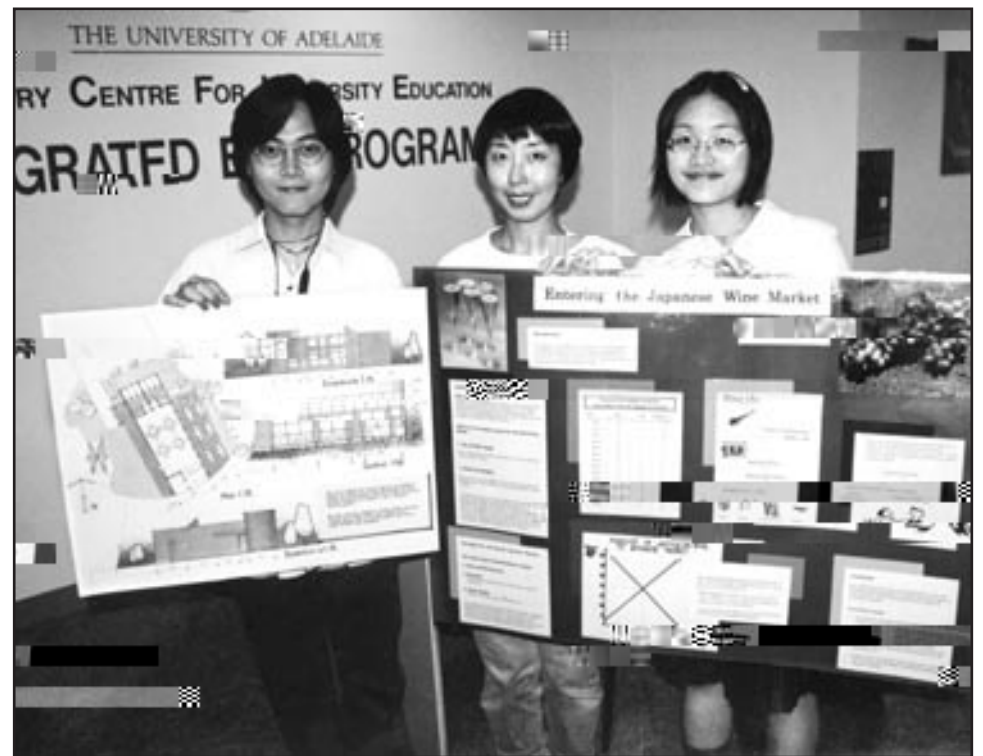
"I also learnt how to do a presentation and use a database—I am not afraid of these things now," she said.

She said the two weeks were an ideal preparation for her first semester in a wine marketing course at the University of Adelaide.

Ms Quan, 20, of Hong Kong, said completing the graphs, tables and illustrations for the wine project helped her understand many of the difficult problems and concepts she will encounter in her first year finance course.

Mr Phaisub, 22, of Thailand, said creating the architectural drawings for a wine tasting auditorium in just two weeks was both difficult and rewarding.

The project could perhaps have been more useful for his design studies course if the group had completed it over an even longer



Nutthapong Phaisub, 22, Thailand, Design Studies, Yoshie Furusawa, 36, Japan, diploma in wine marketing and Lok-Ping Katherine Quan, 20, Hong Kong, first year finance

period of time, he said.

The Coordinator of the Integrated ESL (English as a Second Language) Programs, Kate Cadman, said the projects, as well as other activities during the two weeks, were very successful in helping the students develop the research, negotiation and presentation skills required for their courses.

"It was quite moving to see how far the students went with their projects over the two weeks," she said.

She said the projects, also involving more than 60 postgraduate international students, were part of the "intensive phase" of the bridging program where students had the opportunity to work together on a group assignment that was relevant to their first semester studies.

The projects also helped to provide incoming international students with a

friendly peer-group environment early in their stay in Adelaide, she said.

The Undergraduate Bridging Program (UBP) was introduced this year following the success of the Integrated Bridging Program, started for postgraduate international students in 1995.

The UBP is designed to help international students understand the linguistic, academic and cultural expectations for their study at the University of Adelaide. It is divided into three parts—the two weeks of intensive classes, weekly workshops during the semester and individual appointments with lecturers.

The posters used by international students for their oral presentations will soon be displayed in the Barr Smith Library.

—James Gruber

## National Algal Workshop a success

ALGAE and their use in water monitoring was the focus of discussion at a recent national workshop at the University of Adelaide.

The Inaugural Australian National Algal Workshop, convened by Dr Peter Gell from the Department of Geographical & Environmental Studies, was hailed a success by the 70 participants and presenters who attended.

Algae are an excellent indicator of water quality and health. The workshop took a closer look at the various algal groups—what they are, how they can be classified, what influences their growth, and what they can tell us about the surrounding environment.

More than half of those attending the workshop were water industry workers who for the first time were provided with a unique opportunity to learn more about algae and their role as environmental indicators.

Dr Gell, a specialist in single-celled algae called diatoms, said he was pleasantly surprised by the large number of registrants.

"We've had a great response to the workshop from industry. For a long time the water industry has focused on aquatic invertebrates to monitor our waterways. Hopefully this

reflects a shift towards including algae as indicators of water quality and stream health. After all, they are one of the main building blocks of aquatic ecosystems," Dr Gell said.

"Water industry workers have been looking for assistance in classifying the algal forms they see and interpreting their counts in terms of water quality and the threat of toxicity. While most industry biologists can identify different algal groups, there's a wealth of information which becomes available once you are trained to identify them to species," he said.

The course opened with an overview of the systematics, morphology, physiology and ecology of all the algae by Professor Peter

Tyler of Deakin University.

Ms Larelle Fabbro of Central Queensland University then presented a guide (co-authored by Peter Baker of AWQC Bolivar) to the common blue-green algae of Australian waters, identifying particularly the toxic forms and those capable of forming blooms.

On the third day of the workshop Dr Gell and Dr Michael Reid of Monash University presented a guide to common Australian diatom genera.

## Don Dunstan Foundation

In the last Adelaidean, we listed the URL for the Don Dunstan Foundation. This has since changed to <[http://www.adelaide.edu.au/dunstan\\_foundation/](http://www.adelaide.edu.au/dunstan_foundation/)>.

"Adelaide Speaking" is a provocative new series of 13 half-hour discussion pieces concerning several key city features.

While there is some historical comment, the emphasis is on *today* and what development might be considered as Adelaide moves into the 21st century.

"Adelaide Speaking" will be broadcast on Sundays at 3.30pm, with the first program—on Adelaide's parklands—starting on 11 April. 531 on the AM dial.

For more information about Radio 5UV call (08) 8303 5000.

LAW AND PHILOSOPHY co

## Put yourself in the spotlight HOST A CONFERENCE

Hosting a conference in Adelaide can promote your research capabilities and expertise to industry, government and the community. At the same time, staging a seminar can build your professional profile in national and international circles. However if you have no experience the Adelaide Convention and Tourism Authority can help with free assistance to identify, bid for, secure and organise an academic conference in Adelaide. ACTA can assist with:

- Preparation and presentation of bid submissions to secure conferences
- Access to financial assistance schemes
- Full colour brochures that can be overprinted with conference details
- Brochures for delegate satchels
- Advice on conference facilities, venues and catering

So if you are involved in a specialised field of research or study and wish to grab the attention of the world, contact Lyndal Sterenberg at ACTA on 8212 4794.



## Eric Aroha Rudd: an oil search pioneer

ERIC AROHA RUDD, AC, Emeritus Professor of Economic Geology at the University of Adelaide, died on 31 December, 1998 at age 88 after a long battle with cancer.

Professor Rudd was widely known for his significant contributions to geo-

**ASCOT PARK:** Share house - use of kitchen, own room, close to transport. \$65 pw + phone calls. Ph 8276 1746.

**AVAILABLE:** 2 br and a walk-through rm (can be 3rd br), air cond, low maintenance garden, carport & shed, close to transport, very close to Nth Adelaide Aquatic Centre. \$145 pw. Ph Martin 0417 861 103.

**CUMBERLAND PARK:** 3 br house with sunny north-facing family rm, 2 modern bathrooms, cottage garden, close to transport, shops & schools. Avail now. Ph Teresa Sava 8239 0909.

**GRANGE:** Fully furn, 2 br unit, close to beach, shops & transport, ducted r/c air cond, carport. Avail from Easter for 6 mths or until Xmas. \$130 pw. Ph Tony 8303 5278 or 8344 5566 (ah) or email: <awinefield@psychology.adelaide.edu.au>.

**HOLIDAY HOUSE:** Second Valley - Peaceful setting, views to sea and hills, architectural design, modern, comfortable. Avail for rent, minimum 2 nights. Ph Dianne 8379 6510.

**NORTH ADELAIDE:** Furn, historic cottage avail from Apr 99. Suit visiting academic. 2 br, new kitchen, bathroom & laundry, lounge/dine & private garden. Ph 0419 804 440.

**WANTED:** House or apartment for visiting academic couple from early Apr - end Sept, p



# Bulletin Board

**1.00pm Microbiology & Immunology Seminar:** Phase variation of virulence factor expression in pathogenic *Neisseria* by Dr Michael Jennings (Microbiology, University of Queensland). Departmental Library, 5th Floor, Medical School South.

**1.00pm Law School:** Intention in Law & Philosophy Seminar Series - How decision theory illuminates assignments of responsibility by Professor Frank Jackson (ANU). Adelaide Law School, Ligertwood Building.

**1.00pm Clinical & Experimental Pharmacology Seminar:** Craving for Cocaine by Dr Don Cameron (Centre for Neuroscience, Flinders University). Seminar Room, 6th Floor, Medical School, North Wing.

**1.10pm Student Workshop:** Developing a lifestyle that reduces stress and worry by Mark O'Donoghue. Counselling Centre, Ground Floor, Horace Lamb Building.

**6.00pm Centre for Intercultural Studies & Multicultural Education Seminar:** One perspective of the place of multiculturalism in modelling a national identity by Hon Mark Brindal MP (Minister for Local Government, Employment, Youth / Minister Assisting for Environment and Heritage). Council Room, 7th Floor, Hughes.

**10.10am Electrical & Electronic Engineering Seminar:** Equalization and Estimation of Frequency-Selective Fast-Fading Channels by Ms Linda Davis. Room S112, Engineering South.

**1.10pm Geology & Geophysics Seminar:** Geochemical and Nd Isotope Constraints on Sources of Neoproterozoic Sedimentary R Central-Southern Australia by Dr Karin Barovich. Mawson Lecture Theatre.

**4.00pm Physiology Seminar:** Co-transmission and cardiovascular control: rewriting the rules by Associate Professor Judy Morris (Centre for Neuroscience, Flinders University). Room N416-417, Medical School, North Wing. Refreshments served afterwards.

**5.30pm Anatomical Sciences Seminar:** Health science and public policy by Professor John Last (Emeritus Professor of Epidemiology, University of Ottawa, Canada). Florey Lecture Theatre, Medical School.

**1.00pm Chemical Pathology Seminar:** Eat Well SA: A project promoting healthy eating in South Australia by Ms Trish Carter (SA Food Project Director, WCH). Seminar Room 1, 4th Floor, Rieger Building, WCH.

**7.45pm Field Geology Club Lecture:** Geology of Yorke Peninsula by Bob Major. Mawson Lecture Theatre, Mawson Laboratories.

**1.10pm Elder Conservatorium Lunch Hour Concert:** David Lockett - piano. Works by Beethoven, Chopin & Margaret Sutherland. Elder Hall. Admission \$2.

**3.00pm Cultural Inventions Seminar:** Where and what has difference got us? by Professor Chilla Bulbeck (Social Inquiry). Margaret Murray Room, Union Building.

**3.30pm Agronomy & Farming Systems Seminar:** Agroforest

**\*\*Applications for the following vacancy will be considered only from members of the staff of the University**

**PERSONAL ASSISTANT TO EXECUTIVE DEAN**

**(Ref: 2079)**

Faculty of Humanities and Social Sciences

Salary: HEO5 \$34,610 - \$38,619

The Personal Assistant to the Executive Dean will provide high level administrative support to the Dean and Faculty Registrar, including coordinating diaries and work programmes, and providing assistance in prioritisation; preparing agendas, non-standard correspondence and reports and taking minutes of ad-hoc meetings; and administering and monitoring Faculty Office finances. The appointee will also provide assistance with the administratio

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## Special Studies Program

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### **Special Studies commencing in the period January - June 2000.**

Applications are now invited for Special Studies commencing in the first half of 2000. Application forms may be obtained from Human Resources (ext 35666 or 35177) or via our Human Resources Web Page and should be returned through the Head of the Department not later than 31 March 1999. The supporting statement on page 4 of the application must be completed by the Head of the Department and Heads are reminded that in accordance with Paragraph 2.1.6 of the Special Studies Program Policy they are asked to comment specifically on both the academic justification for the programme and itinerary, and the implications in terms of the teaching, examining and administrative needs of the Department. All applications should be considered by the Departmental Committee before submission.

Under the terms of Paragraph 2.1 of the Policy all applicants will be required to justify the period of Special Studies sought, irrespective of the length of the period involved. Staff members are invited to discuss any questions they have about their eligibility for leave or the operation of Special Studies with Julie Raeck, tel 35177, of Human Resources.

**SUE TURNER**  
Acting General Manager,  
Human Resources

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## Professional & Continuing Education

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## Research Grants & Fellowships

The following is a list of grant, fellowship and other research funding schemes currently available for application. A detailed electronic version of this listing (Update: Research), together with guidelines and application forms for some of the major schemes, are available at: <<http://www.adelaide.edu.au/RB/>>. Hard copy application forms and guidelines for any of the funding schemes listed below, contact the Research Branch, ext 35137; email <[research@registry.adelaide.edu.au](mailto:research@registry.adelaide.edu.au)> or ccmail RESEARCH, Branch.

**Sponsored Programs Information Network (SPIN):** SPIN Australia - A database containing current and comprehensive information on over 2,600 government and private funding opportunities. SPIN web site: <[http://australia.infoed.org/spin\\_start.html](http://australia.infoed.org/spin_start.html)>. Select 'Access Spin WWW' and then select 'Spin Australia'.

**Industry, Science & Resources; Dept of (DISR) - Technology Diffusion Program (TDP):** This Program has three integrated components: Technology Alliances; Technology Transfer; and Online Business. Further information about the TDP is available from the AusIndustry web site: <<http://www.ausindustry.gov.au/tdp>>. U19/98

**Australian Army - Army History Research Grants Scheme 1999-2000:** Internal closing date: 12 March 1999. U3/99

**Department of Industry, Science & Resources: Industrial Research Alliance Program (IRAP) within the Technology Diffusion Program (TDP):** Internal closing date: 12 March 1999. U3/99. Web site: <<http://www.ausindustry.gov.au/tdp>>.

**Forest Hill Early Childhood Foundation: Grants for Innovative Pr**