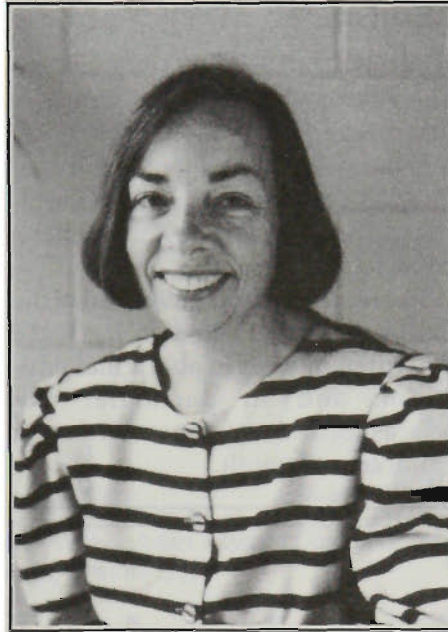


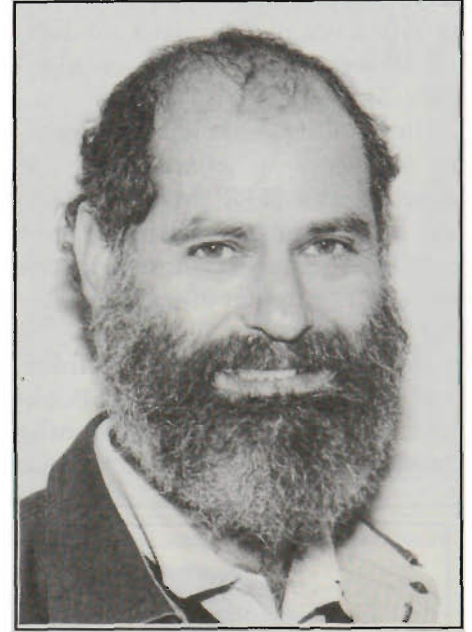
CAMPUS NEWS



Professor Don Lewis



Dr Penelope Murphy



Mr Russell Gluck

Research funding flows to Wollongong

Three of the University's academic staff members, Professor Don Lewis (Department of Economics), Dr Penelope Murphy (Centre for Research Policy) and Mr Russell Gluck (Aboriginal Education Centre), have obtained funding under the Department of Education, Training and Employment's (DEET) Evaluations and Investigations Program (EIP).

Feedback received from DEET suggests that the University has performed excellently and has received more than its expected share of the funding.

Approximately 100 applications were received by DEET from across the Unified National System and only 20 applications were successful.

Three of the four proposals submitted by the University of Wollongong were successful.

Each project is to be funded for the amount requested and total amount to be received is close to \$107,000.

Moreover, the proposal submitted by Professor Don Lewis was perceived of being of urgent significance to

DEET and will be funded immediately for 90 per cent with the remaining 10 per cent funded at a later date.

The Evaluations and Investigations Program aims to assist in improving the quality and efficiency of higher education.

The program funds studies and research projects to evaluate performance and investigate issues of national importance in higher education.

The objectives of the program are to:

- encourage and facilitate policy-related research studies in areas of national importance in higher education;
- disseminate information obtained from program studies to decision-making bodies within the higher education system; and
- encourage participants in the higher education system to take up issues and appropriate recommendations identified in program studies.

A brief outline of each project and the amount of

Continued page four

Get in early and save

Print requisitions received by the Printery before 18 June that are required for delivery in the first week of the Spring Session will be given priority production time and will be eligible for a five per cent discount.

Print requisitions entering the Printery after 18 June for delivery at the beginning of Spring Session will be produced in the order they are received at the Printery.

Library CD ROM classes

In addition to the classes held from 12.30-1.30pm and 5.30-6.30pm on various days, the Library is conducting classes from 9-9.30am on Mondays, Thursdays and Fridays.

These short classes will be refreshers for people who are "rusty" at searching the CD ROMs, those who are confident on one system and need to learn another, or those who are confident computer users but novice CD ROM users.

The notice board next to the Information Desk lists the classes. Bookings are required for the evening classes, but there is no need to book

for the day time sessions.

If the times are unsuitable, enquire at the Information Desk and staff will try to assist you.

If you can organise a small group of people, the Library will arrange a class at a mutually convenient time.

Faculty Librarians are also able to provide more in-depth classes, for students studying for higher degrees and academic staff involved in research.

Contact your Faculty Librarian for further information or enquire at the Information Desk.

Seminar to mark Year of Indigenous People

The Aboriginal Education Centre is marking the International Year of Indigenous People by organising an interactive seminar on Early Childhood Education and Development on 26-30 July.

The recently-appointed Head of the Centre, Margaret Valadian, has had a long time interest in aboriginal education and in particular the educational development of young children and youth.

The aim of the seminar is to document the current situation and then to develop plans for change in policies, programs and training strategies.

It is intended that the seminar will provide a framework for training in early childhood care and development at the University to facilitate and enhance more effective aboriginal involvement in the children's development.

Anyone interested in this seminar should contact the Aboriginal Education Centre, phone (042) 21 3776.

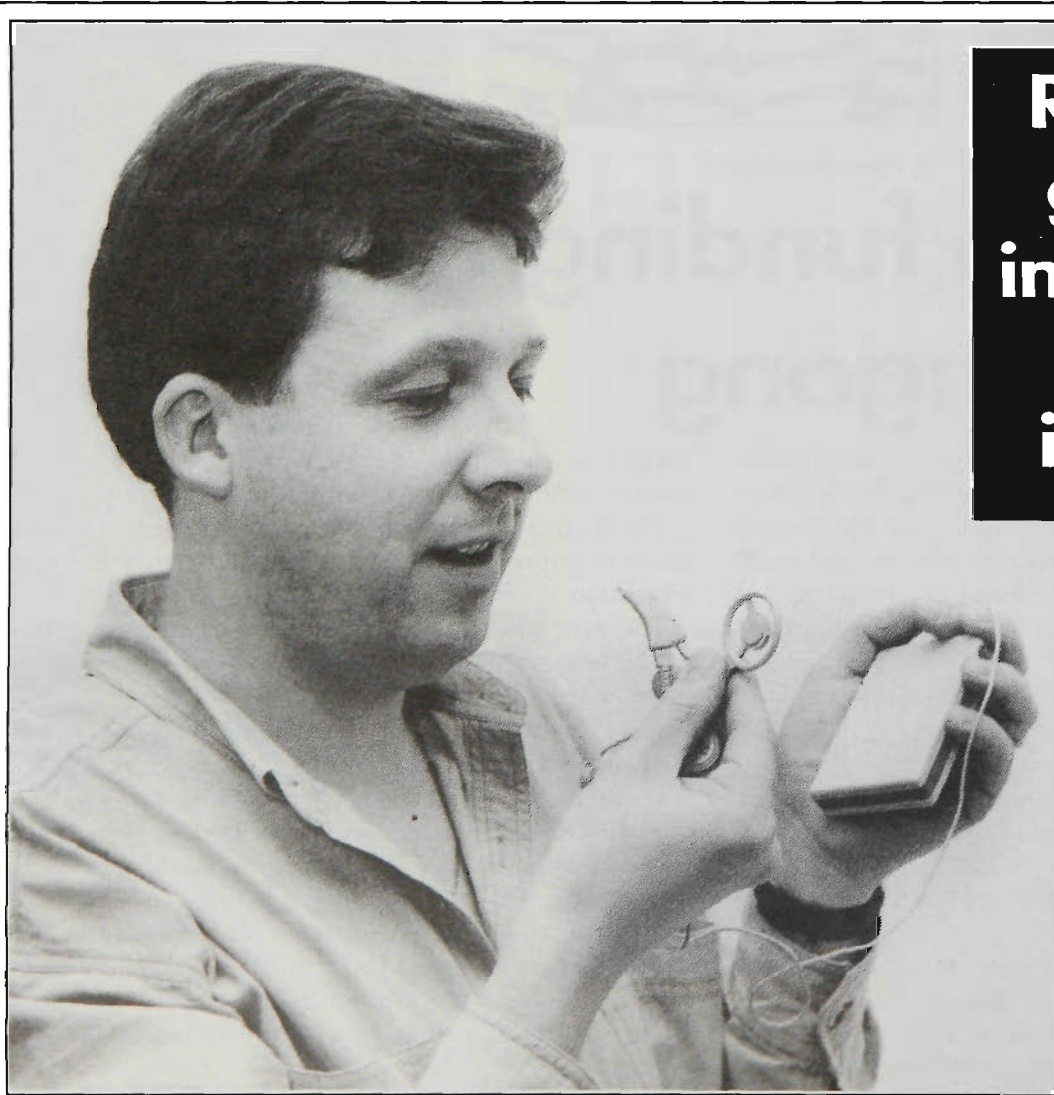
Open Day planning underway

Judging from the returns coming in from departments, Open Day this year, on Sunday 29 August, promises to offer a varied range of activities to inform, entertain and amaze.

All departments should have notified Antoinette Matarranz of their plans for Open Day by 1 June.

If you have not done so please contact her on ext. 3169 as soon as possible or you will run the risk of missing out on publicity.

Research grant to investigate ear implants



Anthony Hogan, a PhD student in the Department of Public Health and Nutrition, has received a research grant from Cochlear Pty Ltd to investigate the quality of life outcomes for deaf people who receive Cochlear implants. The grant will be used over three years to assist Anthony to undertake this research project. It is envisaged that the results of this study will be used to assist people with implants throughout the world.



Back: Mr George Wood, Prime Television, Mark Wiley, Vivien Twyford Communications, Mr Steve McLeod, Illawarra Area Health Service. Front: Monica Auster, Tanya Schornack, Clair McCoy

Students from USA gain work experience with Wollongong organisations

Four students from USA are spending up to two months in Wollongong under a cooperative arrangement with the University of Miami to provide work experience opportunities for American students in Australia.

The University of Wollongong, through the Office of Development and Community Affairs, has arranged placements for them in University departments and with local organisations.

Three students were welcomed at a small ceremony held recently to introduce them to representatives of the organisations where they will be working.

Clair McCoy, a student at University of Virginia majoring in Women's Studies, has been placed with Illawarra Area Health Service.

Monica Auster, who has been studying Broadcast Journalism at University of Miami, will join Prime

Television's News Department. Her dream is to work with a TV network.

Tanya Schornack, from Arizona State University, is interested in public relations and media.

Her internship with Vivien Twyford Communications will enhance and broaden the studies and travel she has already undertaken.

Arriving shortly is Kristopher Kobin, currently enrolled at Brandeis University, Massachusetts, majoring in American Studies.

His previous studies have taken him to Paris in 1991 and Australia and New Zealand in 1989.

Kristopher will spend most of his internship with the Aboriginal Education Centre with such tasks as reviewing aboriginal deaths in custody material and developing a comparative analysis between Australia and the US.

He will also spend a short time with Hansons Solicitors.

Activities briefing session soon

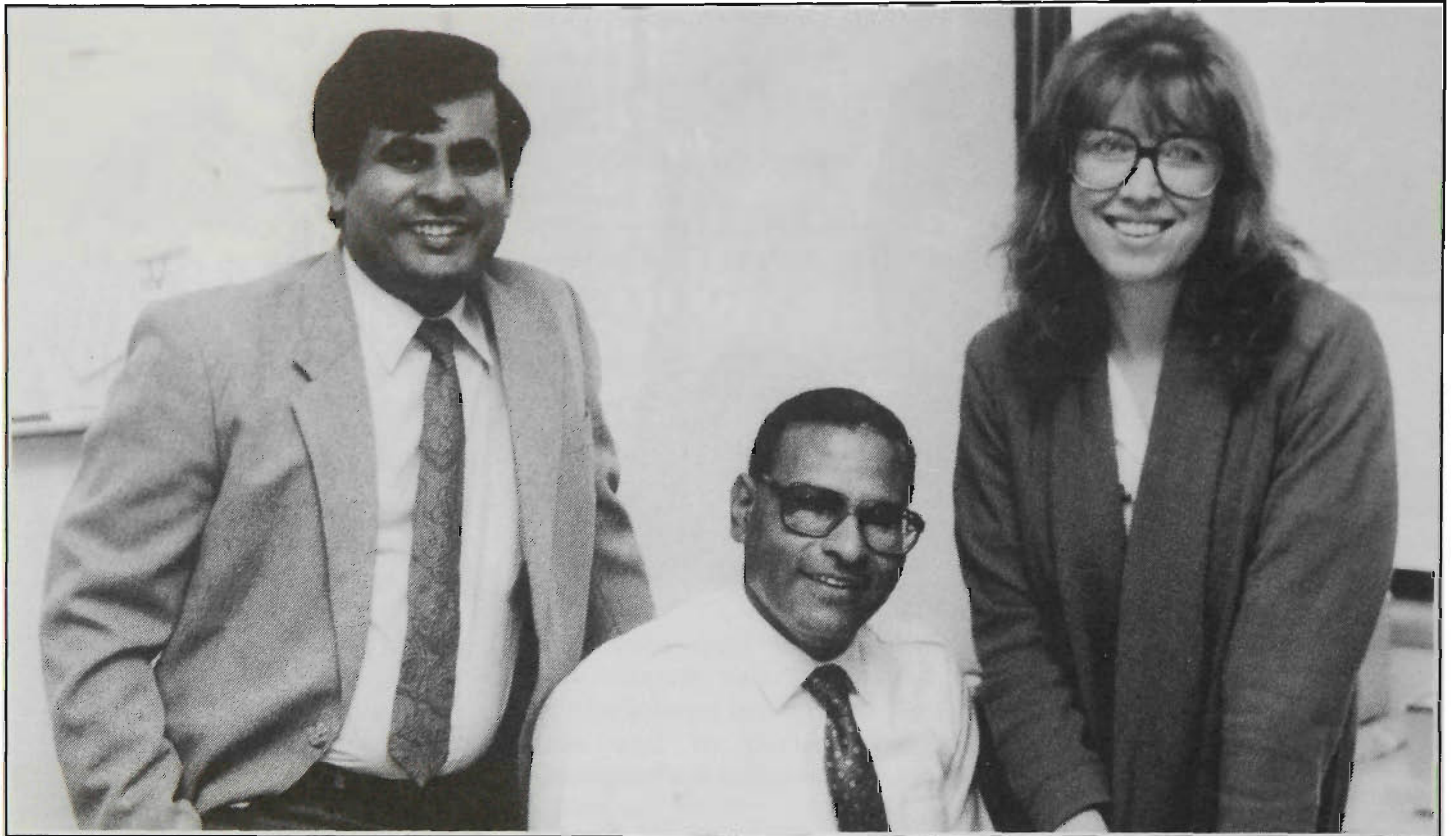
Members who replied to the questionnaire about activities in which they would like to participate will be pleased to know that the first briefing session will be on Friday 11 June, 12.30-1.30 pm.

The session will be about new technology available to facilitate access to information in the University Library. Members are invited to assemble in the Office of Development and Community Affairs at 12.25pm.

If you want to participate, contact Antionette, phone 21 3169.

Friends News

University of Wollongong's important role at Istanbul conference



Dr. Nelson Perera, Associate Professor Mokhtar Metwally and Ms. Barbara Cornelius

Members of the International Business Research Group (established in 1993) will play a major role in the International Conference on Business and Economic Development in Middle Eastern and Mediterranean Countries to be held in Istanbul during from 5-7 July.

Associate Professor Mokhtar

Metwally of the Department of Economics has been appointed as the academic coordinator of the conference.

He will also deliver a paper on 'The Effect of the Downturn in Oil Prices on Import-Income Relationships in the Gulf Countries'.

Dr Nelson Perera of the Depart-

ment of Economics will give a paper on 'The Demand for Money in the GCC Countries: A Cointegrated Approach'.

Ms Barbara Cornelius of the Department of Accountancy will present a paper on 'The Agency Role of Covenants in Venture Capital Investment Agreements'.

Research funding flows to Wollongong

From page one

funding received is as follows:

- **Performance of students admitted via alternative entry modes** (Project Director: Don Lewis - \$19,543)

The project will develop and apply a methodology for evaluating the performance of students admitted via alternative entry modes. In doing so, the quality of those qualifications used for alternative entry will be explicitly taken into account. The evaluation will be based on data for the period 1990-92. Guidelines will be established to indicate comparable quality standards for applicants with different types of qualifications and determine whether or not additional support is necessary to assist students admitted under equity and access schemes.

- **Quality management in university research** (Project Director: Dr Penelope Murphy - \$49,275)

The purpose of the study is to provide a framework within which the best-practice models for quality man-

agement in Australian university research can be developed. This will be principally developed through a survey of research management practice (through research offices), supplemented by case studies in selected institutions.

- **Investigate local infrastructures to train and supply Aboriginal professionals to community, professional and industrial organisations in the Illawarra/Shoalhaven areas** (Project Director: Mr Russell Gluck - \$38,000)

The project will investigate and evaluate processes that will enable the development of local infrastructures which integrate demand for Aboriginal professionals with pre-tertiary and tertiary education and employment across a wide range of industries and professions, including nursing, medical, childcare, management, law, arts/heritage, land and environmental development/management.

Congratulations to all those involved.



Mayor of Kawasaki welcomed by Creative Arts

During a visit to the City of Wollongong the Mayor of Kawasaki, Kiyoshi Takahashi, was welcomed to the School of Creative Arts by the Head of the School, Professor Barry Conyngham. The Kawasaki delegation watched a performance by Japanese-born voice-class students and the Mayor was presented with two prints by students from the School of Creative Arts, Riste Andrievski and Jeff Timbery. A post-graduate student, Joy Warren, presented him with a ceramic bowl.

Consultants register of expertise

The Consulting and Intellectual Property Unit (CIPU) at the Illawarra Technology Corporation Limited is compiling a register of expertise of academics and staff at the University of Wollongong.

The register will compliment the existing International Register of Consultants which is maintained by the Managing Director.

The information in the register will remain company confidential. It will be utilised to:

- demonstrate to our clients the depth

of consulting capability at the University;

- to more efficiently match the needs of ITC clients with the academic/consulting expertise available on campus.

Groups on campus such as departments, centres, schools, units and institutes may wish to provide the ITC with a brief outline of their specific activities and the skills and expertise of their particular personnel.

Some groups have already provided such information which has proved invaluable in assessing the

University's capabilities for particular projects.

The development of this register is an active way of promoting University's consulting capabilities.

If you would like to be part of this register, please supply the following information: Name/title, department, topic, areas of expertise and contact number.

Contact the Consulting and Intellectual Property Unit at the ITC if you have any questions in relation to the register, ext. 5939.

What University insurance policies do and do not cover

The University Insurers publish a quarterly newsletter advising on relevant topics and developments within the University Insurance Market.

Supervisor Purchasing/Supply, Ross Meaker, is interested in developing a mailing list for a summary report and/or the full newsletter.

Please advise if you wish to be included on a distribution list for future insurance information.

Some of the points covered in the March newsletter included:

Duty to take reasonable precautions

An insurer is not liable for damages where the insured has failed to take reasonable precautions to avoid a peril.

The situation has been explained in legal text as follows:

'The obligation of the insured is to take precautions to prevent accidents, that is, to take measures to avert dangers which are likely to cause the damage or injury in respect of the risk to be indemnified.

'The decisive point lies in the construction of the word 'reasonable'. It does not mean reasonable between the claimant and the insured, but as between the insured and the insurer, having regard to the commercial purpose of the contract which includes the indemnification of the insured against liability for his personal negligence.

'What is 'reasonable' as between the insured and the insurer, without being repugnant to the commercial object of the contract, is that the insured should not deliberately court a danger, the existence of which he recognises, by refraining from taking any measures or by taking measures which he knows to be inadequate to avert it.'

Public liability for accidents occurring at University functions at University venues (due to the failure to detect and clean up floor spills)

Where a University venue has been made available for a function to be held by a University club or society there must be some statement or ar-

angement as to the detection of floor spills and the subsequent cleaning-up of these spills.

If a spill remains undetected and a person is injured in a fall related to the spill then it may be shown that the University did not adequately guard against the occurrence.

Public liability claims require the following elements of proof:

1. The existence of a duty of care owed by the University to the claimant;
2. A breach of duty;
3. Damage to the claimant;
4. Proof that the damage was caused by, or materially contributed to by, the alleged breach.

No permission for the use of a venue should be granted without a clear plan of action regarding spills and clean-up. Clubs, societies, etc, should be told that if they do not stick to that plan the organisers could expose themselves to personal liability.

Notification of unusual events

Unimutual provides cover for all the run-of-the-mill type activities indulged in by the Universities.

Unimutual also provides cover for novel events which could expose the University to unusual risk, provided we have notice of the event and a chance to consider the implications.

It may be that, although it would be unusual, certain conditions are imposed as a condition of cover and/or an additional contribution required.

This was recently highlighted when a national paper carried a story, complete with a large photograph, of a student abseiling down the face of a tower at a University.

This would be considered to be an unusual event involving the University in an increased risk and should have been notified in advance of the event taking place.

Computer contracts

The Information Technology Industry is becoming a legal minefield as users' expectations of what they can get is precariously balanced against vendors' efforts to fulfil these dreams.

With the large dollar investment

for computer systems purchase consideration should be given to insuring this investment in regard to satisfactory supply.

The NSW State Superannuation Investment and Management Corp is suing IBM for damages of \$25 million.

While the Trade Practices Act has some basic customer protection in this area, a more specific form of protection may be valuable.

Outside consulting work

University Insurance will not cover University staff for unauthorised or non-University consultancy work.

There are other elements of consultancy covered in the newsletter, copies of which will be made available on request.

Hiring facilities to third parties

It should be made clear that when hiring out University facilities to third parties, University Insurances are not extended to cover these third parties.

A hirer's indemnity should be presented to the third party for signature and agreement.

Sample as follows:

'The Hirer hereby agrees to occupy, use and keep the hall at the risk of the Hirer and hereby releases to the full extent permitted by law the University and its servants, officers and agents from all claims and demands of every kind resulting from any accident, damage, loss, death or injury occurring therein or in any other part of the building or outside the building except to the extent that the same is caused by negligence on the part of the University or its servants, officers or agents.'

The University may be able to arrange insurance if requested.

Consideration should also be given to University affiliated bodies hiring these facilities for third party performances.

It is likely that these performances will not carry public liability insurance and any damages may come back to the University or the event organiser for personal exposure.

Some world best practices in land freight transport energy use

A major two-year study into energy use in Australian land freight was recently completed with the support of the Energy Research and Development Corporation by the Department of Mathematics.

The project team of Dr Philip Laird and Mrs Gabriella De Battista was assisted by the Department of Mechanical Engineering by several consultants (including economist Dr J Thampapillai now of Macquarie University) and part-time staff.

The project found that many Australian rail and road freight operations demonstrate 'world best practice' in energy efficiency.

For rail, these include the iron ore railways of the Pilbara region of Western Australia, the electric coal trains of Central Queensland, and the movement of freight between Adelaide and Perth.

World class examples of road freight may be found in Northern Territory road trains and many selected articulated truck operations in South Eastern Australia.

On the other hand, many land freight operations in Australia were found to demonstrate considerable room for improvement in energy efficiency.

In road freight, there is the scope for some truck operators to reduce use of diesel fuel with the aid of on-board vehicle monitors.

A five per cent increase in the overall fuel efficiency of articulated trucks would now save in the order of 100 million litres of diesel a year.

In rail freight, the project found that most scope for improvement would result from upgrading the existing Sydney-Melbourne main line railway to Fast Freight Train (FFT) standards by a series of deviations and minor track upgrading to ease ruling grades to one in 66 with no curve tighter than 800 metres.



Dr Philip Laird

This would be in a manner similar to the reconstruction of the Hume Highway between Sydney and Melbourne since 1975 at a cost of about \$2500 million in today's values.

Such rail upgrading, and an increase of rail's modal share of line haul freight to 50 per cent on his major corridor, would have a benefit cost ratio larger than one and allow diesel fuel savings of about 32 million litres a year by the year 2000.

Electrification of the existing Sydney-Melbourne rail track after upgrading was found to have the potential to save an additional 50 million litres of diesel fuel a year.

Further fuel savings would result from Sydney-Melbourne upgrading and electrification in the event that the east-west line through Broken Hill was not used for interstate freight, so all Perth/Adelaide-Sydney/Brisbane freight was diverted through Melbourne.

This freight diversion is an option recognised by the new National Rail Corporation that could follow Adelaide-Melbourne gauge standardisation in late 1994.

Extensive use of computers was

made by the project, both at Wollongong and Sydney.

One example of where simulation showed that if rail was to transfer back from the existing Goulburn-Yass track ("upgraded" in the 1910s with numerous sharp curves) to the original alignment (built in the 1870s under Mr John Whitton) there would be savings of about 12 per cent in both transit time and fuel use.

The project also gave particular attention to the transportation of coal to Port Kembla.

By use of unit operating costs published in 1992 by the Bureau of Transport and Communications Economics in Canberra, positive benefits were demonstrated if the Maldon-Domarton rail link was completed and electrified between Glenlee, Tahmoor and Port Kembla, and the new rail link was used for all Western, Clutha, Tahmoor and Tower coal.

This option was found to a benefit cost ratio of 1:1 and compared with the arrangements currently proposed would reduce operating costs by some 17 per cent, and social costs by about 23 per cent, plus save about nine million litres of diesel a year.

HOPE THEATRE

Bookings phone 21 4214
Western Entrance, Northfields
Avenue.

5-7 June: **Regional Poets Co-op Conference**, 9am-10.30pm, Ron Pretty.

LONG GALLERY

Enquiries 21 3996. Building 25.
Opening hours Mon-Fri 9am-4pm.
Sun 1.30-4pm. Visit the Gallery
Shop.

Until 20 June: 'Them and Us'. **Environmental exhibition**, "Aquarelle" watercolours by Jelle van den Berg and visual poetry exhibition.

Until 2 June: *Crossing Cultures* An **exhibition of works by international students**. (Also exhibiting at the Illawarra Technology Centre from 11-25 June)

GENERAL

3 June: An **evening seminar of The Australian Society for Microbiology**, South Coast Regional Group, in the Department of Biological Sciences, to discuss microbe-related health topics, at building 35, lecture theatre G19, at 8pm (to be preceded by buffet dinner at 7pm in the Department tea room). Program: HIV Infection in the Illawarra Sexual Health Clinics, Dr S Davies. Parasitology ... What, Why, and How Much?, Mr S Neville. Group B, Streptococcus in Pregnancy, Dr I Bedford. The Development of New Generation Vaccines Against Whooping Cough, Dr M Walker. Enquiries: Dr Salwa Woodroffe, ext. 4356. All who are interested are welcome. RSVP by May 31.

3-20 June: **Twelfth Night**, directed by John Senczuk for Theatre South at the Bridge Theatre. Bookings 29 6144.

21 June: 5.30pm '**Hidden Crimes**' a video on animal experimentation

What's On

will be shown at the meeting of the Collective for Violence Free Science. Produced by the Students United Protesting Research on Sentient Subjects (SUPRESS) in the USA. Inquiries: Gary Scott, phone (042) 29 4281.

26-30 July: The Aboriginal Education Centre is marking the International Year of Indigenous People with a **seminar on Early Childhood Education and Development**. Phone (042) 21 3776.

Sunday 29 August: **University Open Day**.

9-10 November: **International Conference on Islamic Banking**, organised by the University's International Business Research Group and sponsored by Al Baraka Investment And Development Co., Jeddah, Saudi Arabia. Venue: The University Centre, Sydney. Enquiries: Dr Nelson Perera, phone 2134028

Illawarra Committee for Overseas Students events for this year are: 31 July and 7 August, Snowy Mountains; 18 September, Blue Mountains; 26 and 27 September, Canberra; 16 October, Sydney Aquarium and harbour cruise; 4 December, Australia's Wonderland. Tickets and details are available from ICOS office, 3rd Floor, Union Retail Centre on Tuesday, Wednesday and Friday from 9.30am to 2pm or phone 21 3158.

10 Oct: **Annual University Service** at 7pm at St John's Anglican Church, Eastern St, Gwynneville

Considering further study or just some recreational reading? Visit the **University Graduates bookshop and gallery book sale** at Campus East, Fairy Meadow. The stock of used books covers: Science & Engineering, Social Sciences, Arts & Music, Education, Fiction & Non-Fiction, Young Readers' Stories & Clas-

sics. Open every fourth Saturday and Sunday of the month from 1-5pm, the bookshop is located at Cowper Street, Fairy Meadow (opposite the Science Centre). Your donations of any material are invited. These may be left any weekend afternoon at the Science Centre (Please mark "Booksale"), or The Library or Students Enquiry Desk during the week.

Animal Experimentation Ethics Committee meeting dates, with agenda deadlines in brackets, are: 9 August (30 July); 22 November (12 November).

Human Experimentation Ethics Committee meeting dates with agenda deadlines in brackets are: 13 July (29 June); 24 August (10 August); 5 October (21 September); 16 November (2 November); 21 December (7 December).

Submission of papers for the **Undergraduate Studies Committee** must be given to Trevor James by 5pm, on the following dates: 29 June, 1 September and 26 October.

The University Centre in Sydney has a display on **Communications and Social Science** from the University of Wollongong. The next display scheduled to open on 14 June is Education and Health. Ideas for displays are always welcome. If academic staff would like to suggest ideas and contribute material they should contact David Fuller, Planning and Marketing

Stop Press

BILLETS needed for 100 poets. Week-end 12-14 June. Contact Ron Pretty, School of Creative Arts, 21 3867.

Campus News is published weekly on Wednesdays. Send material, preferably by Microsoft Mail or on disk, to Gillian Curtis (042) 21 3110 by noon on Monday of the week before that of publication