

# THE UNIVERSITY OF WOLLONGONG

## CAMPUS NEWS

Distributed each Tuesday

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Editor: George Wilson, Tel. (042) 270926

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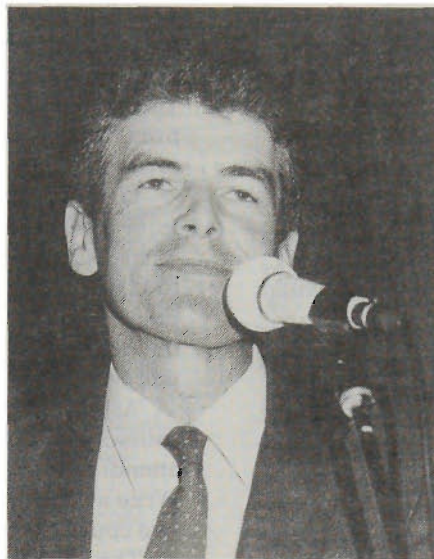
## BACK TO BASICS IN THE QUEST FOR EXCELLENCE

The Occasional Address at the Graduation Ceremony for Education graduates on Friday May 13 was delivered by Dr Terry Metherell, the NSW Minister for Education and Youth Affairs.

*The Minister said, inter alia,* I wish to address some of the challenges facing education in the future. It is my belief that these challenges must be faced in consultation, compassion and with a great deal of foresight.

I emphasise foresight, for you are the teachers of the next generation, because children who, in 1988 are in their first year of school, will reach the end of their secondary schooling in the year 2000. Their world will be very different from the world you found when you left school, and very different from the world you find now.

I am, however, primarily here to speak to you as future professionals in the teaching profession. For you



Dr Terry Metherell

the challenge is to equip yourself, and your student, for the rapidly changing world.

In order to do this, there needs to be solid teaching of the basics, with a complementary need for great flexibility in meeting new emphases in education.

The fact that we are heading into the 21st century, with all its connotations of technology and futurism, should not distract us from teaching a solid base of literacy and numeracy.

Reading, writing and numeracy are the fundamental tools of human communications. They pave the way to further knowledge. Without them, a full education and participation in society is not possible. You know this from your own experience

leading up to this very proud day.

Many of you will know from experience that there are

*continued on back page*

## University loses a very dear friend

*Ethel Hayton  
MBE  
dies age 75*

Ethel Hayton was unique and her absence will be felt by thousands of people and organisations. She will never be replaced.

Everyone knew of Ethel's extraordinary generosity and care of the city's people and institutions. No-one will ever know the extent of it because her reach went far beyond most people's immediate circle.

Her fiercely independent way of life was learned the hard way. She and her widowed mother fought their way through the Great Depression with very little to sustain themselves.

Ethel maintained this self-reliance to the very end, working for her living and giving until the day she died at 75 years of age.

The whole city mourns her as she goes to her glory.

Giles Pickford



# General Notices

## 'GRADUATE TAX WILL WORK AGAINST US'

Professor Frank Larkins, president of the Federation of Australian Scientific and Technological Societies, has said that a graduation tax will have serious consequences for the Australian economy: students will choose business courses rather than the more expensive science-based courses. He maintains that students pressed for cash were already moving away from science and technology -- the wealth-generating sectors of higher education -- because they could earn higher salaries if they did business courses.

'As proposed in the Wran Report, the graduate tax would see students who take more expensive courses such as science paying back far more than those who take courses such as arts or business.'

Professor Larkins said: 'The very best people who once went into science and technology now go into business.'

'The fact of life is that you don't see scientists driving Porches, but we'd be in grave trouble without them.'

'It must be realised that those who generate wealth, whether in agriculture or in industry, are scientists and engineers. The merchant bankers and business people only manage the money.'

A tax on graduates would exacerbate the shortage of science and maths schoolteachers in Australia and would be disastrous for post-graduate courses.

## WOLLONGONG SELECTED TO CO-ORDINATE UNESCO PROJECT

The Centre for Technology and Social Change at The University of Wollongong has been commissioned by UNESCO to establish a board to co-ordinate science and technology policy in the Asian region.

It is the charter of the board to organise a science and technology policy network throughout the region and to advise UNESCO on the integration of UNESCO-funded research and training activities.

The establishment of the board follows a series of meetings held by UNESCO in Beijing (1985) then Bangalore and Katmandu. The inaugural meeting of the board is being held at The University of Wollongong this week from Monday to Thursday May 23 to 26. A number of Senior Asian representatives of national science and technology policy agencies throughout the region have been invited by UNESCO in consultation with the Centre for Technology and Social Change, to be members of the Co-ordinating Board. They are Dr Lee Chong Ouk, Director, Centre for Science and Technology Policy, KAIST, Korea, Professor Yonyth Yuthavong, Mahidol University, Thailand, Dr Abdul Qayyum Yazi, Senior Scientific Adviser, Ministry of Science and Technology, Pakistan, Dr Ahmad Zaharuddin Bin Idrus, Director, SIRIM, Malaysia, Professor Fortunata de la Pena, University of the Philippines Diliman, Philippines, Madame Dong Guilan, Associate Research Professor, NRCSTD, China, Dr Ashok Parthasarathi, Additional Secretary, DSIR, Ministry of S&T, India, and Professor Stephen Hill, Director, Centre for Technology and Social Change, The University of Wollongong.

In addition, Dr Shanta Liyanage, Assistant Director, Scientific Affairs, Natural Resources, Energy and Science Authority of Sri Lanka, is present at the Board Meeting as

UNESCO consultant. UNESCO (Paris) is represented, and there are senior representatives of major organisations that could have an interest in the functions of the Co-ordinating Board including The Economic and Social Commission of Asia and the Pacific (ASEAN), Commonwealth Science Council, United Nations University, and Australian International Development Assistance Bureau (AIDAB).

Media representatives wishing to interview any of the participants are asked to contact Gillian Curtis (Media Liaison, The University of Wollongong) (042) 270926. It may be possible to organise interviews in Sydney.

## HIGHER SCHOOL CERTIFICATE WINTER VACATION PROGRAM

The Winter Vacation Higher School Certificate program is offered specifically for those students sitting for the Higher School Certificate in 1988.

For those living in Wollongong it will be possible to attend on a daily basis. However, for students who live too far from the University, accommodation is available in single rooms at Weerona Hostel, at a cost of \$30 a night. This includes dinner, bed and breakfast and is available from Sunday July 3. Lunch is available at the University cafeteria.

Lecturers for each subject offered have been selected from teachers suggested by Department of Education Subject Consultants, and are either consultants or teachers in their specialised fields. Each subject will be timetabled for two sessions of three hours each; cost for the two sessions is \$10. A registration fee of \$10 per student will be charged to cover administrative costs.

As part of the program for the Winter Vacation School, courses aimed at providing additional skills for students attending the program will be offered. These are 'How to Write an Exam Essay' and 'Study Skills'. The cost of these two courses is \$5 each.

The Winter Vacation Higher School Certificate program is principally designed for Year 12 students. However, all students are welcome to attend. Courses particularly recommended for Year 11 students are 'Study Skills', 'How to Write an Exam Essay', 'Industrial Technology/Wood and Drawing' and 'Art'.

The program will be held from Monday July 4 to Friday July 6 in The University of Wollongong Pentagon Theatre. Full details from the Course Co-ordinator, Wollongong Uniadvice Ltd, PO Box 1144, Wollongong 2500.

Applications close June 24.

## CASUAL VACANCY ON THE UNION BOARD OF MANAGEMENT

At its meeting on May 3 the Union Board of Management declared one position vacancy on the Board in accordance with Clause 7.2 of the Constitution.

Nominations from members and life members of the Union for this vacancy are now invited. They must be in writing on the prescribed form obtainable from the Union Office and must be signed by a nominator and a seconder, both of whom must be either members or life members of the Union (excluding Union staff unless they are also students or members of staff of the University or life members).

Nominations close at noon on Tuesday May 24 by which time completed forms must be delivered by the candidate in person at the Union Office and a receipt obtained. Copies of the Regulations Governing the



Conduct of Elections are available from the Union Office.

The term of office is until September 1989. Should an election be necessary the candidate polling the highest number of votes will be declared the elected candidate for the position.

If more than one nomination is received for the position declared vacant, a by-election will be held on Tuesday May 31, polling arrangements being as follows: The Greenery 10 am to noon, Union Foyer 12.30 pm to 6 pm.

Under Clause 8(iii) of Regulations Governing the Conduct of Elections there will be no postal or proxy voting.

The list of candidates will be published in the Union from Wednesday May 25 onward. These notices will contain full details of how the polls will be conducted.

Noel Diffey  
Returning Officer

## RARE PLANT DISCOVERED IN KIAMA AREA

A rare plant was recently discovered in the Kiama area. The plant, known as *Pimelea spicata*, was located by a Wollongong researcher, Dr Kevin Mills of the Department of Geography at The University of Wollongong.

*Pimelea spicata* is a small shrub (to 50cm tall), with small white flowers. It was previously known to occur only at Maryong to the north-west of Parramatta (200 plants), at Narellan (approximately 310 plants) and at Shellharbour (a non-viable population of only three plants).

Dr Mills estimates that the newly discovered population in the Kiama area, which is located at an exposed coastal location, contained fewer than 50 plants. A specimen has since been lodged with the National Herbarium in Sydney and the National Parks and Wildlife Service has been advised so that appropriate protective measures may be taken.

Dr Mills explains that *Pimelea spicata* is described as being an endangered species, on a list of rare and threatened plants compiled by the CSIRO, because it occurs within such a restricted area and because it is not known to occur in a conservation reserve to ensure its protection. Because the species is so vulnerable, its exact location is not being widely bruited.

## IMB CONTRACTS FOR UNIVERSITY'S COMPUTER TRAINING

Pictured above are Mr Peter Jack, IMB Chief Executive and (seated) Dr Michael Hough, Chairman of the University's Computer Training Division, discussing aspects of computer technology. They have just signed a contract in which the Computer Training Division (CTD) of the University's Technology Centre will offer a package of services to the IMB. These are based on a series of computer training courses for IMB staff -- courses aimed at providing Personal Computer (PC) expertise over a range of software suitable for financial institutions.

Dr Hough said he was delighted that a prominent organisation such as the IMB recognised the quality of training available from their local university. A major advantage to both corporate and individual clients is that The University of Wollongong provides an unbiased source of high-quality advice, education and training.

CTD offers tailor made 'value packages' for individual clients such as the IMB. Specific programs are developed,



Dr Micheal Hough, seated, and Mr Peter Jack (see 'IMB Contracts for Computer Training', column 1)

based upon a mutually agreed analysis of training needs. The computer training may be undertaken in a sophisticated environment at the Technology Centre, on campus, or in-house as appropriate. The package of services includes telephone and site support, comprehensive advice and assistance, together with access to a wide range of University expertise.

The University is looking forward to a long-term training relationship with the IMB. Both parties are delighted that the initial contract has been so readily and amicably negotiated.

## ENTERTAINMENT/SPORTING COMPLEX

The committee established to plan the development of the indoor Illawarra Entertainment/Sporting Centre at Brandon Park has met Mr Harvey Lister and Mr Rick Graf, Managing Director and General Manager (Development), respectively, of the Brisbane (Boondal) Entertainment Centre.

The committee as a result is now inviting all sporting bodies, amateur and professional, to make known their particular needs, in both administrative and playing. The committee is anxious to ensure that all sports in the region have their needs incorporated into the final concept. Submissions should be forwarded to The Secretary, Entertainment/Sporting Centre Planning Committee, The University of Wollongong, PO Box 1144, Wollongong, 2500.

Pending government input into a wider study, the committee has also decided to initiate its own feasibility study into the financial viability of the concept.

Inquiries should be directed to Mr Stephen Martin (Chairman), Mr Jerry Ellis (Deputy Chairman) or Professor Peter Rousch (Secretary).

## AMNESTY INTERNATIONAL -- WOLLONGONG GROUP NSW 201

The Wollongong Group of Amnesty International has arranged a guest speaker to talk to the community how Amnesty International sees the death penalty.

This lecture will be held on June 1 at 7 pm in the

Friends of the University

FRIENDS CHORAL CONCERT

David Vance's University Singers, with the sponsorship of the Friends of the University of Wollongong, will perform the following masterpieces in the comfortable atmosphere of the Illawarra Performing Arts Centre on Saturday June 4 at 8 pm.

- Josef Haydn's *Missa in Tempore Belli* (Mass in Time of War) -- University Singers and orchestra conducted by David Vance.
- *Three Shakespeare Songs* by Ralph Vaughan Williams -- University Singers conducted by David Vance.
- *Little Threepenny Music* by Kurt Weill -- SCAW Ensemble conducted by David Vance.

David Vance recently returned from Italy where he studied conducting under an Italian Government Scholarship. The 1988 Friends Choral Concert promises to be an even finer highlight than it has been in the past.

Tickets are available from the Illawarra Performing Arts Centre Box Office for \$15 (\$10 concession).

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Kemira Room, Union Building, The University of Wollongong. All interested people from the University are invited to hear Mr James Leung, Death Penalty Co-ordinator of Amnesty International in Sydney.

As most *Campus News* readers will be aware, Amnesty International is an international human rights organisation. It opposes the death penalty and torture -- and any other cruel and degrading treatment and punishment of prisoners. It also seeks to obtain the release of men and women detained anywhere for their beliefs, colour, sex origin, language or religion -- provided that they have not used or advocated violence. Amnesty International calls these people 'prisoners of conscience'. It advocates fair and prompt trials for all prisoners, and lobbies on behalf of those detained without charge or trial.

INAUGURAL MEETING

An inaugural meeting of the Illawarra Branch of the Industrial Relations Society will be held on Wednesday June 8 at 5 pm in the Kemira Room of the University. Mr John Fahey MP, Minister for Industrial Relations, NSW, will be present and will offer an overview of his government's policy on industrial relations. Barry Roberts of the MTIA and Paul Matters of the South Coast Labour Council will also offer local employers' and unions' perspectives.

All interested parties are welcome. Light refreshments will be available (\$2 per head). Inquiries and reservations by Monday June 6. Contact is Frances Sullivan on ext 3983.

ANDREW FORD FOR LIVERPOOL

Andrew Ford, School of Creative Arts, is a featured composer at an International Festival of contemporary music in Liverpool, England, in late May. The festival, Upbeat to the Tate 88, marks the opening of Liverpool's new Tate Gallery of Modern Art. Artistic Director of the festival is James Wishart, who was Musician-in-Residence in the School of Creative Arts during 1985.

Four of Ford's works will be performed and he

has been invited to present about his work. Ford, who was born in Liverpool, is one of 13 Australian composers represented in this major retrospective.

From Liverpool Andrew Ford travels to the United States where he will conduct performances of his music at festivals in Buffalo and Aspen with the New York-based ensemble of Australian expatriots, *Terra Australis Incognita*. In Buffalo, Ford will also conduct the American premiere of *Spherics* by his School of Creative Arts colleague, Dr Andrew Schultz.

Improbably, Ford's music also surfaces in late June at the Istanbul Festival in Turkey.

LIBRARY INITIATIVE GRANTS

Each year, the Library Committee allocates initiative grants to provide monographs for new courses and subjects. Although the committee recognises that the initiatives funding is not extensive, it does provide some measure of support which would otherwise have to be found from departmental book vote allocations.

The successful applicants were:

	\$
Accountancy	144
Biology	1050
Chemistry	1585
Economics	934
Education	400
Electrical and Computer Engineering	1994
English	2105
Geology	405
Health Sciences	1466
Industrial and Administrative Studies	2143
Management	3867
Mathematics	1709
Mechanical Engineering	2942
Metallurgy and Materials Engineering	715
Philosophy	1164
Psychology	1123
Sociology	288
	<u>\$24,034</u>

In many instances, books requested for purchase from the Initiatives Fund were either already in the Library collection or were on order. Consequently, the value of the grants varied from the amounts requested.

To ensure that courses beginning in 1989 have some library resources, the Library Committee will be seeking further requests for Initiatives Fund allocations in October 1988.

Jenny Ross  
Requisitions Librarian

RECREATION

*Unigym*: Weight training area equipped with hydra gym and a selection of machine weights that enhance muscular strength.

*Unigym* : Expertly supervised by Ivan, our gym instructor, who will develop personal programs.

*Benefits*: Improved fitness, greater strength, muscular endurance, loss of unwanted body fat, more alert (stay awake in lectures), just feeling better.

*Cost*: First visit, \$1, single visit \$1.50, ten visits \$10, 20 visits \$18.

Recreation and Sports Association, The University of Wollongong.

## CONTROVERSY OVER FACILITIES FOR THE DISABLED

A recent article in the *Illawarra Mercury* gave accounts of two ex-students of the University who, because of their disability, found it difficult to cope with both studies and the effort required to access all parts of the campus.

The article promoted reaction from other students including Craig Wallace, who is managing successfully to combine studies while in a wheelchair. He readily agreed to give his views on the University's facilities for students like himself.

Craig's account was published in the *Illawarra Advertiser* on April 20. It was a very positive article, which went a long way to allaying fears of the disabled that the University is not suitable for access by people with a disability.

We know that there are problem areas around the campus and that there always will be but, within the resources available, the University has adopted a proactive stance to overcome difficulties.

The newspaper article also drew a response from the Wollongong Branch of the Australian Quadriplegic Association, which has publicly acknowledged the support of the University, and compared the University's positive efforts with those of other community organisations which they have publicly criticised. An executive of the Quadriplegic Association recently presented the Unit with Certificates of Appreciation acknowledging this support by all involved at the University.

Recent initiatives to improve facilities for the disabled have been the allocation of a rest-room in the Pentagon for students with disability, to use between their lecture periods, and funds are being actively sought for the purchase of an electric scooter which can be loaned to students or others with disability, to help overcome the problems of moving around the large campus. It is difficult for people with normal mobility to appreciate the hardship experienced by those with less mobility. The provision of an electric scooter would certainly assist greatly in helping to alleviate these problems.

Kathy Rozmeta  
EEO Co-ordinator



## Slippery Paths

During the April meeting of the Occupational Health and Safety Committee, the issue of slippery paths was raised. The recent spate of wet weather has highlighted the growing problem, with several falls occurring over the past few weeks. The committee is presently investigating ways to reduce this hazard. Should staff or students see any areas of concern please contact the Safety Officer on ext 3914.

## Children on Campus

The committee is also concerned about the number of children, especially toddlers, being allowed into laboratories, workshops and other similar areas. Staff and students are reminded that these areas contain many

potential hazards for young children and accordingly are urged to refrain from allowing children in such areas.

## Lecture Overcrowding

Overcrowding in lecture theatres during recent weeks has been considered by the Safety Committee. Should an emergency occur, problems with exits could arise. The committee requests lecturers to encourage students to attend repeat lectures where these are available.

Any queries, comments or suggestions on the above or any other Occupational Health and Safety matters can be directed to committee members or the Safety Officer on ext 3914.

## SECURITY REPORT

### Theft

Theft on campus is rife at present. Security have locked away two ten-speed bicycles. The cycles were found at different locations on campus and from their position. I believe that they were going to be 'picked-up' later. I also believe that 95 per cent of theft on campus is not reported. If it is not reported then the Security Department is powerless.

### Speed Limit on Campus

There have been several occasions recently, on which the Security staff have had to rebuke drivers for excessive speed. Be reminded that the speed limit on campus is 25 kph. People found exceeding this limit may be dealt with under the Occupational Health and Safety Act. The speed limit is in force 24 hours a day, seven days a week. The University of Wollongong 1988 Parking and Traffic Regulations - 3 to 11 - cover speed limits and parking and traffic signs on campus.

### Security of Buildings

Staff members responsible for an area in a building must ensure that their areas are secured before they leave campus. Security staff's responsibility is to ensure that this is done but not to secure areas or buildings.

G. Parsons  
Security Supervisor

## BEAT THE EXAMS RUT -- UNIROBICS --

Classes start Week 11 (and end Week 14)  
Recreation Centre

Tuesday	Full aerobic workout	12.40 pm
	Full aerobic workout	5.40 pm
Wednesday	Full aerobic workout	5.40 pm
Thursday	Full aerobic workout	12.40 pm
	Full aerobic workout	5.40 pm
Friday	Full aerobic workout	5.40 pm

### Prices

Member Rates: 20 visits \$30, single visits \$2

Don't wait till next week -- Do it now!

Unirobics is the Best Way to Fitness!

Part of The University of Wollongong  
Recreation Program

# Research Funds

*The sources of research funds given below are available to members of academic staff. Further information including application forms may be obtained from Kim Harriss (ext 3201). Intending applicants are reminded that all research applications must be forwarded through the Office of Research and Post-graduate Studies.*

## JAPAN SOCIETY FOR THE PROMOTION OF SCIENCE EXCHANGE PROGRAM

The Australian Academy of Science invites applications from scientists resident in Australia who wish to participate in an exchange program (for short term visits or postdoctoral fellowships) with the Japan Society for the promotion of Science. Proposals in any field of natural science will be considered.

Applications close with the University on September 19.

## AUSTRALIAN ACADEMY OF SCIENCE -- IAN WILLIAM WARK MEDAL

The Australian Academy of Science has invited nominations for the Ian William Wark Medal and Lecture. The award will be made to a scientist eminent for his or her contributions to the prosperity of Australia where such prosperity is attained through the advance of scientific knowledge or its application, or both. The purpose is to focus attention on applications of scientific

## PREVIOUSLY REPORTED IN CAMPUS NEWS

	Internal Closing
French Government Scientific Fellowships	May 27
NH&MRC Fellowships and Scholarships	June 3
Australia-China Education Co-operation Program	June 16
Australian Academy of Humanities Grant-in-Aid	June 16
RV Franklin Ship Time	June 16
Australian National Council on AIDS grants	June 16
Clive and Vera Ramaciotti Foundation Grants	June 16
The Australian Academy of Science and Australian Academy of Technological Sciences and Engineering UK Exchange	June 17
Film and Video Grants	June 17
Literature and History	June 30
Generic Technology Grants	July 15
Australian Academies Exchange Fellowships	July 15
Japan Society Exchange Program	September 19
Benians Fellowships	October 30
Academy of Science China Exchange	November 17
Earthwatch	Any time
Criminology Research	Any time
Pig Research Council -- Support for Eminent Visitors	Any time
MERA Project Grants	Any time
Clive and Vera Ramaciotti Travel Grants	Any time
James N Kirby Foundation	Any time
Telecom Research Laboratories	Any time
NSW State Cancer Council Travel Grants-in-aid	Any time

discoveries that have benefited the community.

Nomination forms from The Executive Secretary Australian Academy of Science, GPO Box 783, Canberra, ACT 2601.

Telephone inquiries to Mrs Hilary Back (062) 475777. Nominations close June 30.

## HARKNESS FELLOWSHIPS

Applications are invited for the Harkness Fellowships tenable for between 12 and 21 months in the United States. Candidacy is open to men and women in any profession or field of study who are over the age of 21 and Australian citizens.

Applications close with the University on August 31.

## CRIMINOLOGY RESEARCH FUNDS

The Criminology Research Council has invited applications for funding from individuals or organisations seeking to undertake research in connection with the nature, causes, correction or prevention of criminal behaviour.

Applications may be lodged at any time.

## TELECOM RESEARCH LABORATORIES

Telecom Australia wishes to provide support for the development of Centres of Expertise in the field of the telecommunications sciences and technology in Australian universities.

Applications close with the University any time.

# Concerts, Exhibitions and Entertainment

## EXPLOSIVE PRODUCTION OF LOOK BACK IN ANGER

Wollongong Workshop Theatre is set for an explosive production in May/June -- the classic play 'Look Back in Anger', by John Osborne. This complex play, first performed in 1956, turned English theatre on its ends. English critics of the time had never before seen such stark realism on stage.

Director, Helen Robinson, says the play explores a wide range of emotions and the lack of direction in people's lives. It is an exciting mixture of tragedy and humour.

This gutsy play opens at Workshop Theatre, Gipps Street, Gwynneville, on Wednesday May 25. Curtain will rise at 8 pm. Evening performances will be on Wednesdays, Fridays and Saturdays. Final performance will be on Saturday July 11.

For bookings ring Wilson's Record Bar 296169. Tickets \$6 with concession \$4.

The production is being staged in co-operation with the School of Creative Arts, The University of Wollongong.

## THE ART OF LUNCH

At the School of Creative Arts series of lunchtime events on Thursday May 26 Ron Pretty will host a performance of readings and dramatic sketches by creative writing students of the School of Creative Arts.

Music Auditorium, 12.35 to 1.25 pm.



## SCHOOL OF CREATIVE ARTS STAGES THE BOY FRIEND

What is it about Sandy William's evergreen musical of the 1920s 'The Boy Friend' that never fails to bring pleasure to both performers and audience where ever it is played? The play that launched Julie Andrews and bought the doors down in Cairo as audiences rushed for seats, is being performed in Wollongong until May 28.

School of Creative Arts students with Bob Harper and Peter Shepherd (musical director) are looking forward to sharing this delightful play with Wollongong audiences.

To avoid having to break the doors down to get seats, phone Jenny Fullerton 270996.

Running to May 28, 8.15 pm.

Matinee May 28, 5 pm

Tickets \$10 (concession \$5).

Bridge Street Theatre, Coniston.

## Seminars

### DEPARTMENT OF PSYCHOLOGY

Date and time: Thursday May 26, 12.30 pm

Venue: Social Sciences Building Room 1056 (19.1056)

Speaker: Dr Don Mixon, The University of Wollongong

Topic: *Obedience and Civilization*

### CENTRE FOR WORK AND LABOUR MARKET STUDIES

The Centre for Work and Labour Market Studies in conjunction with The Port Kembla Harbour Task Force -- seminar and workshop on Industrial Democracy and Employee Participation -- The Illawarra Technology Centre, The University of Wollongong, Friday June 3, 9 am to 4.30 pm.

Keynote speeches on national trends in industrial democracy will be delivered by -- Mr Ralph Willis, Minister for Industrial Relations, Mr Bill Mansfield, Assistant Secretary, ACTU, and Mr Chris Baker, Employee Participation Adviser, CAI.

Speakers on Industrial Democracy at Port Kembla -- Mr Peter Morton, Chairman, Port Kembla Task Force, Mr Paul Matters, Secretary, South Coast Labour council, Mr Bruce Noble, Eugowra Livestock and Grain Producers' Association, and Dr Ray Markey, Director, Centre for Work and Labour Market Studies. Chairman will be Mr Merv Nixon, TUTA.

Reservations and inquiries: Frances Sullivan, ext 3983.

### DEPARTMENT OF PHILOSOPHY

Date and time: Friday June 3, 2.30 pm

Topic: Against Causal Reductionism

Speaker: Dr Peter Menzies, Research Fellow, Department of Traditional and Modern Philosophy, Sydney

Venue: Department of Philosophy Seminar Room, North Wing, Social Sciences Building, The University of Wollongong (Building 19.1034).

### ALUMNI PUBLICATIONS

Friday June 17, John Clarke Gallery, Third Floor, Squarehouse, The University of New South Wales, 10 am to 4 pm.

Organised by the Australian Institute of Tertiary

Educational Administrators (AITEA).

Cost: members \$35, non-members \$30.

Contact Mr Peter Anderson, Executive Officer, Graduates Office and Alumni Centre, University of New South Wales, PO Box 1, Kensington, NSW 2033.

### DEPARTMENT OF CIVIL AND MINING ENGINEERING

Date and time: Wednesday May 25, 12.30 pm

Topic: Expert System for Mine Rescue Operations

Speaker: Samuel Osei-Tuto, ME student, Department of Civil and Mining Engineering, The University of Wollongong

Venue: Photogrammetry Room, Civil and Mining Engineering Department (Building 3.138).

### DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING STAFF/POSTGRADUATE RESEARCH SEMINAR

Date and time: Monday May 30, 4.30 to 5.30 pm

Topic: Modelling the Roughing Mill at Hot Strip Mill

Speaker: Mr G.W. Trott

### DEPARTMENT OF METALLURGY AND MATERIALS ENGINEERING

Time: Monday 4.30 to 5.30 pm

Venue: Room 1.121, Department of Metallurgy and Materials Engineering.

The maximum duration of the seminar is one hour, starting promptly at 4.30 pm. At least ten minutes should be allowed for discussion.

May 30

Speaker: J. Jones

Title: The Effect of Bubble Size Distribution in Mineral Flotation

June 6

Speaker: M. Gibson

Title: Substrate Surface Crystallinity in Melt-spun Metallic Glass Ribbons

Possible Speakers -- Session 2: A. Cabello, Feng Bing, W. Crouch, Shi Hua, H. Worner, two new staff members, Neil Hogg, Xu Lique.

### DEPARTMENT OF BIOLOGY SEMINAR SERIES

Wednesdays 3.30 pm, Building 35, Room G19.

May 25. Dr Peter Fairweather, Centre for Environmental and Urban Studies, Macquarie University, North Ryde, NSW.

*Patterns and processes on seashores.*

June 1. Professor Richard Freeland, Department of Physiological Sciences, University of California, Davis, USA.

*Effects of 6 phosphogluconate and dietary carbohydrate on fatty acid synthesis in isolated rat hepatocytes.*

### SCHOOL OF CREATIVE ARTS POSTGRADUATE SEMINARS

All sessions will be held in the Music Centre, 2.30 to 5.30 pm.

May 27.

*The Problematic History of Art.* Speakers: Terry Smith, Paula Hamilton. Chair: Sue Rowley.

# Back to basics

from page 1

children in our high schools who lack these basic skills.

The changes in our society increase the urgency with which we must attack the problem of inadequate levels of basic-skills development in our children. The information-based society of the next century will mean that nearly all avenues of employment will need good levels of literacy and numeracy and, of course, much more.

The first priority of the government to which I belong is to ensure that our schools get the emphasis on basic skills development right. It is not a 'back to the 'fifties' approach. It is not a conservative reaction. It is an appreciation that we have no greater task and no greater responsibility than to ensure that our children are equipped with the skills that they need for communication and computation in life and the workplace.

Basic skills testing for years 3, 6 and 10 will help us monitor the performance of our school system in this area and help us identify children for special attention and assistance.

To this end next year we will be introducing selected testing in year 3, and testing for year 6. We will also be introducing an extended moderator exam in year 10, to include science.

This entails not only a solid teaching of the basics but an ability -- a flexibility of mind -- to cope with change.

Flexibility does not of course mean the adoption of more fads and gimmicks that have preoccupied education and teaching from time to time. It means application, adaptiveness, tolerance and receptiveness to new ideas and kindling the desire to continue to learn.

By doing this you will be able to instil into your students that same sense of flexibility; an attitude of open mindedness; and a desire to learn and improve; a dissatisfaction with second-best, with slack effort; a mission to pursue excellence.

You will also, however, face some problems and challenges within your own profession. It has become fashionable to denigrate teachers in today's society and workplace. If the education system is often blamed for many of society's ills, then teachers are often identified as the scapegoats.

It has been too easy to associate all teachers in this state with the militant actions and radical rhetoric and a few members of the teachers federation executive. With your experience in schools already you would agree that this perception is largely unfair. As teachers you have an extremely demanding job.

You must act as surrogate parents during school hours and often outside school hours you must teach and excite and inspire and tend to your students' problems and ills, keeping them out of trouble, and occasionally disciplining those who get into trouble.

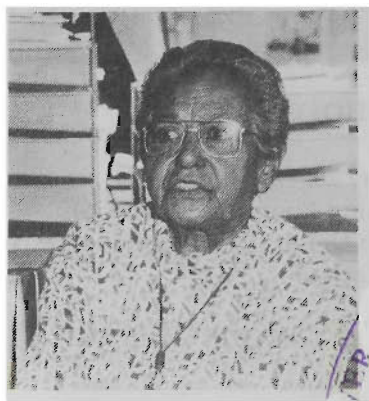
We should not shirk that disciplinary role. Discipline is necessary in order to create a stable environment in which students can fruitfully apply their minds and you can teach them affectively.

To this end I intend to implement the second part of the package for which we were elected. We intend to introduce to each school a fair-discipline code and give schools the option of corporal punishment.

We intend to strengthen the expulsion and suspension powers of the schools principals. We intend to give the



Being awarded a University of Wollongong Fellowship by the Chancellor of the University, Mr Justice Hope, during last week's Graduation Ceremonies, is Mr John Bell. Other Fellowships were awarded to Dr Winifred Mitchell and Mr Gerry Freed



Guest Speaker at the Graduation Ceremony for graduates in Education was Oodgeroo, who took as her theme the plight of the Australian Aborigines living in a white society. She pleaded for universities to lead the way in forcing government to recognise Aboriginal educational needs

schools executive firmer powers to deal with those few fairly destructive students.

Often you will feel the need of encouragement. One of the forms of encouragement is to expand gradually, to all levels, the idea of promotion on merit -- instead of merely on seniority. It is a disgrace that in the field of education, there exists a system so stacked toward seniority. It is a disgrace that there are lists so long that promotion in the short term is not a realistic prospect.

This cannot continue. We must reward the most talented teachers. The days of the lists are finished.

Merit, merit, merit -- these are the words that should ring in your ears. In a merit-driven system you will be rewarded for your efforts. For the majority of you here, this is your initial teaching qualification. I would like to encourage you to continue developing professionally throughout your teaching careers.

Those who have received post-graduate degrees today have demonstrated their on-going commitment to learning areas. They are not only improving their own depths and range of understanding, but making a generous contribution to education in this country in specialised fields.

## HOME FOR LEASE

Three- or four-bedroom fully furnished house three minutes walk to campus, available from July 19 to 22 January 1989. Contact Ted or Joyce Booth 293284.

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