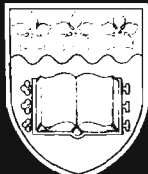


THE UNIVERSITY OF WOLLONGONG



CAMPUS NEWS

Distributed each Tuesday

Deadline for copy noon Monday
of previous week

Editor: George Wilson, Tel. (042) 27 0926
(042) 28 6691

13 June 1989

Novel scholarships provide welcome benefits

In 1981 the Illawarra Credit Union decided to establish scholarships at The University of Wollongong. But, instead of the scholarships taking the form of a direct grant to a student, the Credit Union hit on a novel method of maximising the benefits of the available funds. Grants were made available to departments on a faculty basis, to enable them to employ students, part-time, assisting academics in research or teaching projects. By this means students obtained practical experience – as well as an income. And departments received welcome help.

Eighteen this year...

Over the years, the Credit Union has increased the number of scholarships available. This year, 18 were awarded. So far a total of \$68,000 has been made available to the University.

General Manager of the Credit Union, Mr Barry Kelly, said: 'We are very pleased at the way these scholarships have developed. We receive letters from students expressing their appreciation at the opportunities the scholarships have provided. My only disappointment is that no other organisation has come forward to offer similar scholarships and make such opportunities available to more students'.

The Illawarra Credit Union Scholarships are awarded on the basis of academic performance. Students must have completed at least 48 credit points. Winners this year were :

Faculty of Arts

1. Ms P. Rosewall, English
2. Mr P. Guilloux, Creative Arts

Faculty of Commerce

1. Mr G. Mooney, Information Systems
2. Mrs L. O'Loughlin, Management
3. Mr Jeffrey Brown, Accountancy

Faculty of Education

1. Ms K. Hook, Education
2. Mr I. Baguley, Human Movement
3. Ms W. Stephens, Education

Faculty of Engineering

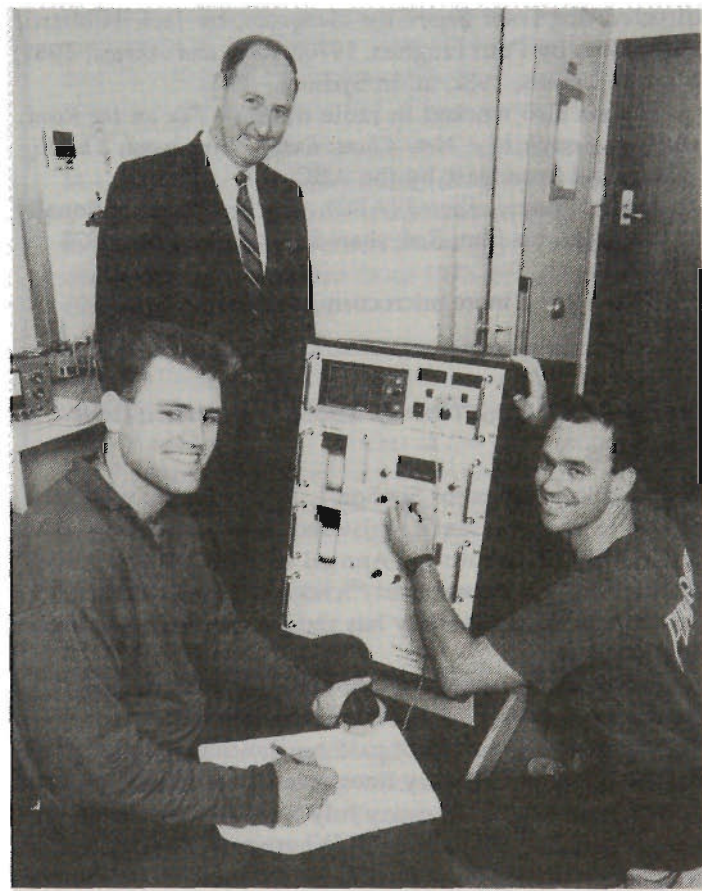
1. Mr M. Funcik, Materials
2. Mr J. Giddy, Electrical
3. Mr R. Milne, Mechanical

Faculty of Mathematics

1. Ms M. Edwards, Mathematics
2. Mr F. Merino, Computing Science
3. Mr A. Avagliano, Mathematics
Mr C. Douglass, Mathematics

Faculty of Science

1. Ms M. Hale, Chemistry
2. Mr S. Walker, Health Sciences
3. Mr O. Perez, Biology



Standing is Mr Barry Kelly, General Manager of the Illawarra Credit Union, while at left is Scott Walker, Health Services, and right, Ian Baguley, from Human Movement

General Notices

Alex Buzo – writer in residence

Leading playwright and novelist Alexander Buzo has completed a period as writer-in-residence at The University of Wollongong (March 20 to the end of May this year).

Alex Buzo first made his name as a playwright. He has written more than a dozen major plays since *Norm and Ahmed* was first produced in 1967: *Rooted*, *The Front Room Boys*, *Macquarie*, *Coralie Lansdown Says No*, *Martello Towers*, *Makassar Reef* and *Stingray* are among the better-known.

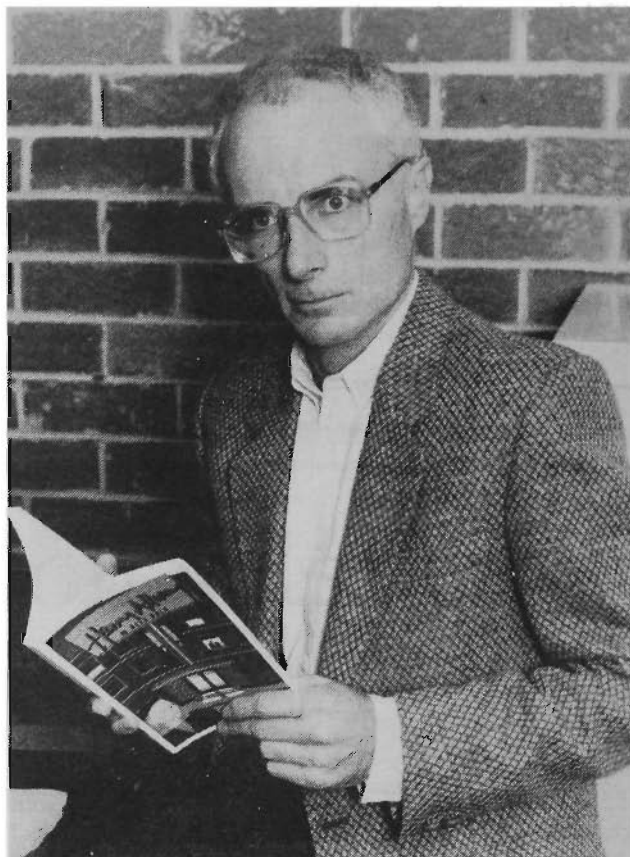
He has also written a number of works of prose, including *Tautology*, a light-hearted look at language usage, the novel *The Search for Harry Allway* and his recent *The Young Person's Guide to the Theatre and Almost Everything Else*.

Never one to be tied to the sidelines, Alex Buzo has also worked as a director. Among the plays he has directed are *Trust Before the Hangman*, by Jack Hibbard, 1969; *Care*, by Paul Hughes, 1970; *Norm and Ahmed*, 1981; *Martello Towers*, 1982, all in Sydney.

He has also worked in radio drama – *File on the Road*; *Duff*; *In Search of a New Class*; *Eating Singapore*; *The Big Whinge*, all broadcast by the ABC.

His telemovie, *Rooted* (ABC), was broadcast nationally in 1985. And his film, *Rod*, shared first prize at the 1973 Film Festival.

That list is a mere microcosm of the work of this



rara avis in Australian popular writing. And the list will continue to grow....

While he was at Wollongong, Mr Buzo gave a number of readings from his works, conducted workshops and was available for interviews with individual writers, theatre people and students.

Release of Session 1, 1989, Examination Results

Examination results for Session 1, 1989, subjects will be posted to each student's registered term address on Friday July 14. Results for Annual subjects may be issued by the relevant Department/School. Students should ensure that the University has their correct address before July 11.

Examination results will also be displayed in the Pentagon on Friday July 14 from noon onward.

Students who have not paid outstanding charges to the University such as library fines, overdue student loans and other charges by Wednesday July 5 will have their examination results withheld. Where outstanding charges are paid after July 5 results will not be available until after Monday July 17.

Graduation ceremonies will be held later this year – on October 12 and/or October 13. All students who meet the requirements for a degree or diploma at the end of Session 1 will be eligible to graduate at these ceremonies provided they submitted an Application for an Academic Award by June 9.

Students who will satisfy the requirements for a degree or diploma at the end of Session 2 must submit an Application for an Academic Award by November 30 this year if they wish to participate in the May 1990 ceremonies.

No information concerning examination results will be given by telephone.

K.E. Baumber
University Secretary

Higher School Certificate Review Program

Monday to Friday July 3 to 7.

Program to be held at The University of Wollongong Pentagon.

The Higher School Certificate Review program has been offered specifically for those students sitting for the Higher School Certificate in 1989. Lecturers for each subject offered in the program have been selected from teachers suggested by Department of Education Subject Consultants, and are either consultants or teachers in their specialised fields. Each subject has been timetabled for one session of three and a half hours and the cost of the session is \$10. A registration fee of \$10 per student will be charged for administrative costs.

As part of the program a Study Skills Weekend Workshop, entitled 'Work Smarter – Not Harder' will be offered to Year 11 and Year 12 students from 9.30 am to 3.30 pm on Saturday July 1 and Sunday July 2 at a total cost of \$60. Dr Keith McPherson will conduct this Workshop Session. A one-and-a-half-hour session on 'How to Write an Exam Essay' will be held on Tuesday July 4, 5.15 pm to 6.45 pm.

The Higher School Certificate Review Program is principally designed for Year 12 students. All students are however welcome to attend.

Applications close on June 24 with The Course Co-ordinator, Wollongong Uniadvice Ltd, PO Box 1144, Wollongong, NSW 2500.

1989 Higher Education Equity Program

The Minister for Employment, Education and Training, Mr Dawkins, has approved a number of grants to higher education institutions for projects under the Higher Education Equity Program in 1989. This year The University of Wollongong has been successful in receiving the following grants:

- \$120,000 for the Gateway Project under the Mainstream Initiatives, payable each year of the 1989-91 triennium; and
- \$115,700 for 30 additional child-care places for needy students, also payable each year of the triennium.

It is worth noting that the total of both grants amounts to the highest level of funding granted to any institution in Australia.

It is also appropriate to note that it is recognition by DEET of particular expertise held at this University regarding the implementation of equity programs, particularly in the areas of supporting alternate modes of entry via preparatory programs and the provision of child care places for needy students.

The Conditions of Funding include these important points:

- Acceptance of the funds under the Mainstream Initiatives commits the institution to maintaining the program when Commonwealth funding ceases after 1991.
- Acceptance of the funds for child-care places commits the institution to absorb at least 50 per cent of the costs of the proposal within its recurrent budget after 1991.
- Funding for Mainstream and child care proposals will be provided to institutions for a maximum of three years. However, continued funding during that time (i.e., in 1990 and 1991) will depend upon satisfactory progress.

Casual Vacancy on Union Board of Management Election Results

In the election held on Thursday May 25 to elect one person from the membership of the University Union, votes were cast as follow:

<i>Candidate</i>	<i>First Preference Votes</i>
Selvamoney, Jacob Charles	174
Bean, Helen	107
Kent, Anthony	76
Informal Votes	<u>15</u>
	<u>372</u>

No candidate gained an absolute majority of first preference votes.

Having the lowest number of votes, Anthony Kent was excluded, and his preferences distributed.

Jacob Charles Selvamoney attained an absolute majority of votes following the distribution of preferences from Anthony Kent.

In accordance with the Constitution of the Union and the Regulations Governing the Conduct of Elections, I declare Jacob Charles Selvamoney elected to the Board of Management of the University of Wollongong Union to serve until the first Board meeting following Annual Elections in 1990.

Noel Diffey
Returning Officer

Lauchlan Chipman Appointed Pro Vice-Chancellor



Professor Lauchlan Chipman has been appointed to the position of Pro Vice-Chancellor at The University of Wollongong. This move follows a restructuring of senior positions caused by the retirement of the Deputy Vice-Chancellor (Services and Development), Professor Peter Rousch. The appointment is for a period of four years.

Professor Chipman holds the qualifications of MA, LLB (Melb), BPhil (Oxon), DipEd - Tertiary (NE). He was appointed to the University in 1975 as its foundation Professor of Philosophy, where he chaired the Department from 1975-81 and since 1984.

Since 1986, Professor Chipman has been the Deputy Dean of the Faculty of Arts, acting as Dean in 1987. He has published extensively and is well known for his regular articles in the print media. He has also represented widely on various university committees, including the Senate, of which he has been Deputy Chairman since 1988.

National Drugs in Sport Conference - 1989 Treating the Causes and Symptoms

Friday and Saturday July 14 and 15.

Sponsored by the Department of Human Movement and Sports Science, the Conference will be held at The University of Wollongong, PO Box 1144, Wollongong, NSW 2500. Phone (042) 27 0956 or (042) 27 0881, Fax (042) 27 1675.

It is also supported by the Australian Sports Commission.

Registration fees: Full fee: \$75 by 15.6.89 or \$85 after 15.6.89. Student fee: \$25 covers attendance at conference session only. Fee includes: Wine and cheese, light breakfast, buffet lunch, refreshments and educational materials.

Closing date for registration is July 7.

Apply to 'UNIADVICE - DRUGS' and The Conference Co-ordinator, Wollongong Uniadvice Limited, The University of Wollongong, PO Box 1144, Wollongong NSW 2500.

Further enquiries: Mark Anshel (042) 27 0023 or Anna Rousch (042) 27 0956.

Screen Journals for English Department



Adding to the Library's collection of screen journals is Sydney University's Mr Neville Petersen. On the right is Associate Professor James Wieland

The Department of English has received a significant donation of screen journals from Mr Neville Petersen. A long-time film buff, Neville Petersen is manager of the University of Sydney News Service. He has developed an excellent collection of *Sight and Sound* (1957–1984) and the *Monthly Film Bulletin* (1958–1984). And it is this collection which has been generously offered to the Department. It is meticulously kept, and indexes are included.

Neville Petersen's involvement with the Department came about through his daughter, who recently took the screen and media subjects offered by Dr Laleen Jayamanne and Mr Maurie Scott.

'She enjoyed the studies enormously', he said, 'but her one lament was that research resources were limited: this donation is an attempt to overcome some of those resource difficulties.'

The collection – part of which is already bound – will be catalogued and shelved in the New Literatures Research Centre, where students will be able to consult and work with the journals.

Wollongong academics to volcanological congress

Although no active volcanoes are present on the Australian mainland, much of the geological development of the continent, and in particular, many of the economically significant metalliferous deposits are intimately related to volcanism. For example, volcanic rocks are widespread in the Illawarra region and range in

age from approximately 260 million years old at Kiama Blow Hole to about 28 million years old at Robertson.

No metalliferous deposits occur in association with these ancient volcanic rocks but mining in the Albion Park, Bass Point, Dunmore and Kiama areas produces aggregate for concrete, road-base and railway ballast and makes a significant contribution to the economy of the region.

Results of research on ancient volcanic rocks from eastern Australia and their modern analogues from Indonesia will be presented to the international geological community when two members of the Department of Geology, Senior Lecturer Dr Paul Carr and postgraduate student Carol Simpson will participate in the International Volcanological Congress to be held in Santa Fe, New Mexico, from June 25 to July 8.

Dr Carr will co-author a paper with Richard Claproth on 'The Geochemistry of Ungaran Volcano, Central Java'.

Richard completed his PhD thesis under Dr Carr's supervision at The University of Wollongong in January this year and he is currently working with the Indonesian Volcanological Survey on monitoring many of the active volcanoes in Indonesia.

Carol Simpson is currently completing her PhD thesis (which is jointly supervised by Dr Carr and Associate Professor Brian Jones) and will present a paper entitled 'Devonian shallow marine volcanoclastics in eastern Australia: mass flow or subaqueous pyroclastic flow deposits?'.

The Board of Research and Postgraduate Studies has awarded Carol a Postgraduate Conference Travel Grant to assist in her participation in the Congress.

The Congress is sponsored by the International Association for Volcanology and Chemistry of the Earth's Interior and provides a forum for the exchange of the latest ideas on all aspects of ancient and modern volcanoes. The papers to be presented by the Wollongong geologists stem from work carried out as part of The University of Wollongong Research Program on 'Ancient and Modern Island Arcs'.

This program is concerned with various aspects of the development of eastern Australia and is supplemented by ongoing studies of numerous aspects of the geology of the present-day island arc region of Indonesia by some staff members involved with the program and a large number of Indonesian postgraduate research students in the Department of Geology.

Commonwealth Writers Prize

The Commonwealth Writers Prize, which has previously been administered from England will this year be administered by William McGaw of the Department of English, in his capacity as Chairman of SPACLALS (South Pacific Association for Commonwealth Literature and Language Studies) in the New Literatures Research Centre at The University of Wollongong.

The Commonwealth Writers Prize, a major event in the 1989 world literary calendar, was established by the Commonwealth Foundation in association with Book Trust and the Royal Overseas League. It is designed to encourage and reward the upsurge in Commonwealth writing and to ensure that works of merit reach a wider audience outside their country of origin.

For the purposes of the Prize, the Commonwealth countries are divided into four regions: Africa, the Caribbean and Canada, Eurasia, South East Asia and the South Pacific.



Seen here at the exhibition celebrating the achievements of women in Science is a highly appropriate figure—Professor Helen Garnett, of the Department of Biology

shows the crucial role of women in science and technology in Australia. It also promotes science and technology as a career for women of all ages.'

The exhibition was sponsored by the Australian Bicentennial Authority Women's Program and by the South Australian Institute of Technology. 'Higher education institutions like the South Australian Institute of Technology are most interested in seeing what has been achieved and to ensure that more women are able to

'A History for the Future'

A major national exhibition entitled 'A History for the Future' celebrating the achievements of women in science and technology, staged at The University of Wollongong, closed last Friday, June 9. The theme of the exhibition was 'Women doing science and technology everywhere you look – as they have always done'.

Said Jasmine Payget of Adelaide, National Co-ordinator of the Exhibition: 'We are celebrating the achievements of Australian women in science and technology. The achievements are all the more worthy of celebration because of the barriers women have experienced and still experience in employment. The Exhibition is for many people – families, students, scientists and technologists, teachers and historians. It

participate in science and technology in the future,' said Professor Mead, Director of the South Australian Institute of Technology.

The Women in Science Enquiry Network, a national association of women in the sciences, including engineering, medicine and social sciences, put together an exciting exhibition on both historical and present-day women in science and technology in Australia. A local branch of WISENET was recently formed in Wollongong.

The exhibition opened in Adelaide in January, then moved to the Museum of Victoria in Melbourne, the Australian Museum in Sydney and the Nepean College campus of the University of Western Sydney before coming to Wollongong. It is now at Newcastle University (June 9 – 22) and then moves to the National Science and Technology Centre, Canberra.

Any work of fiction is eligible – novel, collection of short stories, full-length play or a collection of one-act plays. There is no restriction on setting, theme or mode but it must have been written in English by a citizen of the Commonwealth.

Prizes of over \$3,000 will be awarded, including \$2,100 for the best entry submitted and \$2,100 for the best first published book.

Total Catchment Management

A conference on TCM – Total Catchment Management (the latest catch phrase) – is to be held at The University of Wollongong on Wednesday and Thursday July 12 and 13.

The concept of TCM has been endorsed as policy by the NSW government and there are high expectations that TCM will provide the framework to coordinate management of our natural resources.

Some 18 TCM committees are currently operating in NSW. They vary widely in catchment size, representation, objectives and operational methods.

The Lake Illawarra TCM committee, in conjunction with the State government, is organising a workshop for the TCM groups in NSW to focus discussion on the various committees across the State and to provide a

forum for comparison of ideas and methods.

Each TCM committee has been asked to provide a summary under the following nine headings:

- Reasons for formation of the Committee
- Structure, representation and funding
- Geographical area
- Major issues
- Modus operandi
- Achievements
- Difficulties/constraints
- Future directions
- Comments

Enquiries: Anne Clarke (042) 27 7224, Fax: (042) 27 2251; Anna Rousch (042) 26 8825, Fax: (042) 27 1675, Telex: AA 29022.

Safety on Campus

Site Inspection

July 4 – Building 18, Science (Physics) – Jeff Owers, Aivars Depers, Bob Galvin.

You are asked to contact the inspection team members if you have safety issues you want to raise regarding your building. Inspections start at 9.30 am.



Staff Roundup

Academic Staff – Absence from Campus

Academic staff may wish to be absent from campus for varying lengths of time and for a variety of reasons. This note is to emphasise current policies in place for the consideration of requests for such absences.

In all cases there is a necessity to obtain approval, as follows:

A. From Head of Academic Unit

- (i) Annual leave
- (ii) Sick leave of up to one week
- (iii) Attendance at a conference within Australasia
- (iv) Field excursions
- (v) Participation in research off campus

B. From Deputy Vice-Chancellor/Pro Vice-Chancellor

- (i) Study leave
- (ii) Overseas conference leave
- (iii) Secondment
- (iv) Leave without pay
- (v) Long service leave
- (vi) Overseas special leave for research/liaison
- (vii) Sick leave in excess of one week
- (viii) University business

The above is a general summary. Many of the foregoing forms of absence are specifically covered within the Academic Conditions Documents or the Management Handbook, e.g., study leave. Members of staff planning any absence from campus should ensure that they consider all requirements.

1. In cases B(i) and B(ii) printed Application Forms are available from the Personnel Services Branch (ext 3202 or 3934).
2. In all other cases in paragraph B, a request should be made by letter or memorandum.
3. In cases where the applicant is not the Head of an Academic Unit, the request should be endorsed by the head, en-route to the Deputy Vice-Chancellor.
4. When a Head of an Academic Unit is the applicant, the request should be endorsed by the relevant Dean of Faculty, en-route to the Deputy Vice-Chancellor.
5. An Application for Authority to Travel Form (i.e., The Blue Form) is NOT the way in which to request approval for an absence. It may be an attachment to a request if travel arrangements/payment of a grant in aid, etc, are required.
6. The Finance Section will NOT process a Blue Form for an academic staff member proceeding overseas unless approval for the overseas travel has been given by the Deputy Vice-Chancellor.

For additional information, please contact Ms Irene Burgess on ext 3202 or Mr Ross Walker on ext 3934.

K.E. Baumber
University Secretary

Staff Development Courses

General Staff

July 3 – 14: Keyboard skills

July 20 and 27 and August 3 and 10: Personal effectiveness training (four half days)

Academic Staff

June 8: University finances.

June 14 and 15: Career development for academic women.

July 12 and 13: Selection techniques – academic staff.

Nomination forms can be obtained by contacting Shirley Jorgensen, ext 3946.

Waste Disposal – Paper Recycling

There has been a change of procedures for waste disposal as from the end of May. For a trial period, Thiess Contractors will conduct a run at the University, before 9 am, to collect all paper products from campus.

Advantages of this change in procedures are these:

1. All paper products collected are recycled.
2. Less rubbish is stored in bins on campus, thus reducing health risks, vermin and general untidiness.

For the new procedures to work, the University needs the co-operation of all staff.

1. Do not deposit food products, cans, bottles, packing foam, and the like, in normal waste-paper bins. Please use lunch-room or outside bins for disposal of this waste. 'Waste paper bins for paper only'.
2. All cardboard, computer paper, and so on, for disposal may be left by waste-paper bins with a note for the cleaner to remove it.

Please contact Joe Lemme, Cleaning Supervisor, ext 3081 with any problems or queries.

R.E. Robertson
Senior Admin Officer Business Services

Ageless Adventure for Young at Heart

The Wollongong University-based institution which develops educational programs for adventurous souls over the age of 50, The Australian College of Seniors, is planning a particularly exciting trip for later this year.

With Dr Ron Witton, an Australian expert on Indonesian studies, as leader, the College has hired an air-conditioned bus to take participants for 12 days through Indonesia from Bali through Java to Yogyakarta. Participants will be able to explore the political, social, historical and cultural realities of Australia's fascinating neighbour.

The aim of the program is to study and experience Indonesia in a way not available through normal travel or tourist itineraries. After three days exploring Bali, the adventurers will travel in their bus-cum-mobile classroom across the Bali Strait to wander through the highways and byways of East and Central Java.

At an all-up cost of \$2,295, the tour represents a very reasonably-priced experience waiting for those who are not yet ready for the rocking chair. A comprehensive itinerary of the October 10–22 trip is available by phoning (042) 27 0531 or by writing to the Australian College for Seniors, The University of Wollongong, PO Box 1144, Wollongong NSW 2500.

For further information contact Mr Barry Russell, Education Director, Australian College for Seniors, or Dr Ron Witton (042) 67 1994.

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 Roser (ext 3201). Intending applicants are reminded that all research applications must be forwarded through the Office of Research and Postgraduate Studies.

eoo news....

Freedom of Information Requirements

We had a rather disappointing turnout at the FOI briefing session held in the Council Room on Thursday June 1, with only a little over half the University Departments and Units represented.

This is not an issue that will go away if we ignore it. The legislation is effective as of July 1, and will have a decided impact on the operations of this University. We have both publishing requirements and accountability requirements under this legislation and the onus is on all of us to take this responsibility seriously.

I urge all those who have not examined the implications of this Act to do so immediately. Short-term pain will ensure long-term gain for individuals and the University. For more information contact Marilyn Johnson ext 3030, or Peg MacLeod ext 3917.

Peg MacLeod
EEO and FOI Co-ordinator, ext 3917

Concerts, Exhibitions and Entertainment

Windy Gully Revisited

On the last day of July 1902, the Mount Kembla mine exploded killing 96 men and boys. Around this event, which remains the greatest land disaster since European settlement, Wendy Richardson has built her folk drama, *Windy Gully*.

The humour and richness of life in the community of Mount Kembla, as well as the carnage and endurance revealed in the time of the disaster is captured through the story of the Markwell family – fictional but typical characters of the time and place – as well as their fellow villagers and workers; the schoolteacher; the shopkeepers; the travelling hawkers and entertainers and, of course, the mine owners and managers.

The play is a mixture of fact and fiction, carefully researched and lovingly written by Wendy Richardson, herself a long-time resident of Mount Kembla, and based on the memories and myths of the people of Mount Kembla as well as the records of the time.

Ben Gabriel, one of Australia's finest actors, comes to Wollongong to join the cast. Other members are Faye Montgomery, reviving her role as Hannah Markwell, Andrew James, Lainie Grugan, Allison Griffiths, Michael Coe and Bruce Wedderburn.

The play was an outstanding success in 1987, playing to a season of packed houses. It will run at the Bridge Theatre for a limited season to June 17, before embarking on an extensive tour of Sydney, Newcastle, the Hunter Valley and the Queensland coal fields.

Windy Gully is being sponsored by the Miners' Federation.

Currency Press is to publish the play to coincide with the 1989 season and copies will be available at the theatre during the run and the tour.

For more information contact the theatre on (042) 29 6144.

Scholarships, Fellowships and Prizes

Australian National Council on AIDS Scholarship

Applications are invited from graduates enrolling towards a Masters or PhD to undertake research in the social sciences in areas relating to HIV infection and its prevention. The scholarship has a stipend of \$12,734 and is for one year but may be renewable for three years.

Applications close with the University on July 17.

The Pacific Asian Higher Education Leadership Institute (PAHELI) – University of Hawaii

PAHELI has been established to bring together university and college presidents and senior and developing academic administrators from Asia, the Pacific and the United States to participate in a unique leadership training institute that emphasises professional development, academic management skills and cross-cultural awareness.

Applications close with the Institute on July 30.

Previously noted in Campus News

	Internal Closing Date
National Soil Conservation Program	June 16
New Materials Grants	June 16
Clive and Vera Ramaciotti Foundation Grants	June 16
Commonwealth AIDS Research Grants	June 16
National Teaching Company Scheme	June 16
Youth Affairs Research Scheme	June 16
R V Franklin Ship Time	June 16
Selby Fellowships	June 16
Academy of Humanities Travel Grants	June 16
Rikkyo Fellowships	June 16
Rothmans Fellowships	June 16
Boden Research Conferences	June 17
Academy of Science UK Exchange Program	June 17
White Research Conferences	June 19
Australia-China Exchange	July 14
Law Foundation Travelling Fellowships	July 15
Arthritis Foundation Grants	July 17
NASA Correlative Measurement Program	July 17
Matsumae Fellowship	August 17
AINSE Fellowships	August 17
National Multiple Sclerosis Scholarships	August 17
Harkness Fellowships	August 31
AFUW (Qld) Fellowships	September 16
Australia-Japan Foundation Visits	September 17
Japan Society Exchange Program	September 19
Academy of Science China Exchange Program	November 17
Health and Community Services Research Grants	Any time

Seminars

Department of Information Systems and The Australian computer Society

Date and time: Tuesday June 27, 6 pm.

Venue: Vistor Centre, BHP, North Gate, Spring Hill Road.

Speaker: Mr Craig McConnichie, Arthur Anderson Associates.

Topic: *Artificial Intelligence, The Commercial Reality.*

For further information contact Dr Bruce Lo on 27 0750, Department of Information Systems.

Department of Management

Seminar to be held in Building 19 Room 1003, 12.30 to 1.30 pm

Date: June 22

Speaker: Dr T. Williams.

Topic: *New Technology and Work Design in the Australian Public Service.*

New Literatures Research Centre

All seminars will be held on Fridays at 2.30 pm in the English Department (Building 19) of the University of Wollongong, Room 1095.

The seminar series occurs annually and accepts papers by visiting and local writers, academics, and post-graduate students. For further information or offers of papers, please contact Paul Sharrad (042) 27 0705 or Shane Donnelly (02) 525 0186.

Date: June 16

Speaker: Fiona Giles, Wolfson College, Oxford University.

Topic: *Finding a Shiftingness: Situating the Nineteenth Century Anglo-Australian Female Subject.*

ITC BULK MATERIALS HANDLING A DIVISION OF THE ILLWARRA TECHNOLOGY CENTRE

SHORT COURSE ON DESIGN & OPERATION OF PNEUMATIC CONVEYING SYSTEMS

3, 4 & 5 July 1989

Today pneumatic conveying is used both for short haul and long distance applications involving a wide variety of commodities. This short course will review the current state of the art in relation to hardware development and design techniques and also provide a forum for researchers, equipment suppliers and practitioners to exchange ideas and experiences.

Course fee: \$495

Registration and further information:

Professor P. Arnold or Mr P. Wypych
Department of Mechanical Engineering

The University of Wollongong

PO Box 1144, Wollongong NSW 2500

Telephone (042) 27 0062 or (042) 27 0488

Fax. (042) 27 0101

Date: June 30

Speaker: Elizabeth Young, English, University of Wollongong.

Topic: *Janet Frame's 'The Carpathians'.*

Everyone is welcome to attend. Refreshments provided.

Biomedical Evening Series

Each seminar will be preceded by dinner at the Union Bistro at 6.30 pm. All those interested are welcome to meet the speaker at the Bistro. Please contact the Convenor so that appropriate table bookings can be made. The seminar begins at 8 pm in lecture room G19 building 35.

Convenor: Dr E.J. Steele (042) 27 0434

Date: Wednesday June 14

A seminar sponsored by BioRad Laboratories.

Speaker: Dr Ray Norton, Department of Biochemistry, University of New South Wales.

Topic: *Cardiac stimulatory proteins from sea anemones.*

Advertisements

Wanted - space ...

An accessible storage space is required by the Graduate Group of the Friends of the University for secondhand books.

A successful bookfair was held on Open Day 1988, and it is hoped to continue this function on an annual or biennial basis. If you have a suitable space (a garage would be perfect) please contact Muriel Murada on 27 0073.

AND REMEMBER, don't discard your superfluous literature!

SALE BY TENDER

The University has the following items available for sale by tender:

1. Holden Camira Sedan, 1987; OQB 990.
2. Ford Falcon Sedan, 1987; OQK 404.
3. Ford Falcon Sedan, 1987; OQB 910.
4. Commodore Station Sedan, 1988; OVA 085.
5. Ford Fairlane Sedan, 1986; NVM 242.
6. Ford Falcon Station Sedan, 1985; NNE 523.
7. Ford Falcon Station Sedan, 1987; OKO 090.

The University offers no guarantee on these vehicles. Terms of sale are cash or bank cheque. For inspection of vehicles No. 1 to No. 6, call Mr G. Parsons on (042) 27 0116 and for vehicle No. 7, please call Mr R. Young on (042) 27 0597.

Tenders close 11.30 am, June 16.

Tenders should be placed in a sealed envelope addressed to: Business Services, The University of Wollongong, PO Box 1144, Wollongong, 2500, and noted 'Tender for Motor Vehicle'.

CHILD'S BICYCLE

Wanted to borrow for six weeks from July 14 (or possibly to buy), bicycle suitable for 11-year-old girl. Phone ext 3779 or 27 0779.

LEAVING THE COUNTRY GARAGE SALE

Large and small furniture and appliances. Contact Judy, daytime and evening phone is 67 3657.

FOR SALE

'Super Single' Waterbed (4'6" wide) in beautiful lacquered pine finish. Includes four-drawer base, head-board and bedside table. All equipment and wood in excellent condition. Worth \$700 new but selling for only \$250. Also queen size pure wool underblanket for \$100. Phone Paul on 27 0402.

FOR SALE

IBM Compatible (Research Technology) dual disk drive; 20 MB hard disc; Wordstar 2000+ and Microsoft word programs with manuals and discs (including Thesaurus); excellent dual display Roland DG MB-142 screen; Smart Brother M-1509 printer \$1800. Phone Richard Badham, ext 3634 or June Aspley, ext 3691.