



THE UNIVERSITY OF WOLLONGONG

# CAMPUS NEWS

A WEEKLY INFORMATION SHEET

17 AUGUST, 1984

Deadline for copy, 12 noon Monday

Distributed each Friday.

Editor: Giles Pickford, tel. (042) 270076.

## Creative Design Competition in Top Gear

First Year Mechanical Engineering students are now eagerly engaged in the Annual Creative Design Competition. This Competition, which runs as part of the Second Session subject Introduction to Design, has commenced with considerable enthusiasm due to the high student standard and excellent community and industrial support. Enthusiasm is also high due to the strong competition between the class design groups each vying to win the annual award and various incentive awards donated by local industry with the students keen to excel the standards set by their peers.

This year the Wollongong community will particularly benefit from the Competition insofar as two projects have been nominated by community groups for the design class to tackle. One of these projects, involving the design of a fishing platform consistent with Department of Main Roads requirements for Windang Bridge, was suggested by Mrs. A. Clarke, Secretary of the Lake Illawarra Management Committee. The other project, which involves the design of a beach rubbish bin, was suggested by Mr. B. Murphy of the Health and Building Department, City of Greater Wollongong Council. This project is part of the Council's 'Do the right thing litter

campaign' and for the design groups involved 'do the right thing' will be the motivation to arrive at the best beach bin design to receive the incentive award donated by the City of Greater Wollongong Council.

Other design projects to be tackled include the design of fold-away skis, vehicle shock absorber systems, an exercise chair, a BBQ rotisserie and an adjustable computer terminal table.

The students' efforts in association with the support of local community groups and industry will provide the Wollongong community with working prototypes for full evaluation during the rapidly approaching summer season.

The best designs will be selected by the competition judges on Friday, 30th November, 1984.

Persons wishing to make suggestions or contributions to the Creative Design Competition, or design projects, please contact Dr. Arnold McLean, Lecturer, Department of Mechanical Engineering on (042) 270053 or 270555, extn. 3053.

### DOROTHY HEWETT — WRITER-IN-RESIDENCE

"'Zimmer' is not a play about prison reform. It is a love story. As it is set in a male prison there are obviously not going to be any women involved."

"So maybe that's why the play has not been performed yet".

So said Dorothy Hewett, one of Australia's leading poets and playwrights, currently writer-in-residence at the University of Wollongong.

However, a group of people have found the courage to put 'Zimmer' on at the University in September. The play was written by Dorothy Hewett and Bob Adamson, the latter having had direct experience of prison life.

While at the University Dorothy Hewett is working steadily away at a number of projects. They include:

- \* Completing her next volume of poems - a project that began 4 years ago;
- \* Writing the scripts for two new films. The first was commissioned by the South Australian Film Commission. It is called "Song of the Seals" and is aimed at the adolescent market.

The second is called "Wild Fishes" and this one is being done in collaboration with Bob Adamson;

- \* Beginning a 100,000 word autobiography - commissioned by Virago Press. Dorothy has reached age 16 so far in the autobiography.

### MR. JUSTICE HOPE — RE-ELECTED AS CHANCELLOR

The University Secretary, Mr. Challice Moldrich, announced that the Council of the University had on 10 August, 1984, unanimously re-elected the Honourable Mr. Justice R.M. Hope as Chancellor of the University.

Mr. Justice Hope was first elected to the position of Chancellor in 1975 and is the University's foundation Chancellor.

Mr. Justice Hope's election gives him a further term of three years as Chancellor.

The Vice-Chancellor, Professor Ken McKinnon, commenting on the re-election of the Chancellor, said that Mr. Justice Hope had served the University well since 1975 and the University looked forward to his interest in and contribution to its activities.



## JOINT COAL BOARD AWARDS GRANT

The Joint Coal Board of N.S.W. has awarded a sum of \$1,000 to the Department of Civil and Mining Engineering as an equipment grant to assist in the activities of the Mining Research Centre. The money is to be used for the purchase of a personal dust sampler which is used in underground mines for quality control of mine environment. The cheque was presented to Dr. N. Aziz by Mr. Alf Hewitt, District Chief Mining Engineer, Joint Coal Board, Corrimal, on August 3rd, 1984.

## MAPPER AIDS LAW DATA BASE

The power and ease of use of Sperry's MAPPER software are helping two researchers at the University of Wollongong to develop and use a computerised data base on Australian Corporate Law.

Using the University's Sperry 1100/60 computer, this data base is expected to improve the range of quality of legal research in Australia.

Last year two members of the University of Wollongong's Department of Accountancy and Legal Studies, Senior Lecturer Mr. Ken Hale and Lecturer Mr. Jim Jackson, received a grant from the University's Research Grants Committee to help them create a data base on Australian Corporate Law.

Mr. Hale and Mr. Jackson had no previous knowledge of computers and sought advice from the University's Computer Centre, which runs a Sperry 1100/60 main-frame computer with four megabytes of main memory, an 8K byte high speed cache memory and 1800 megabytes of disk storage.

The computer supports about 200 terminals, which are used by students, academic and research staff, the University's library and administrative departments, as well as by a number of external users.

The Computer Centre recommended the use of MAPPER 1100 software for the Australian Corporate Law Data Base project.

Their project uses MAPPER 1100, which as a fourth generation software package geared specifically to be an end-users' tool, provides a flat file data structure directly applicable to their work, and its easy-to-use functions adequately meet their requirements in data manipulation and retrieval.

Also, in view of the potential use of the data base by people without much computer skill, MAPPER's facilities had a definite advantage over those available in software packages designed for data processing professionals.

Mr. Jackson said Sperry claimed several significant advantages for MAPPER, all of which had turned out to be true in his experience. These claims are that:

- (1) End-users can be taught to use the system in a few days - no previous knowledge of computers is necessary.
- (2) End-users can create their own applications, and increased usage by end-users opens up undreamed of possibilities for new applications of the system.
- (3) Lack of computer jargon increases end-user confidence in the system - apart from access and exit codes, the end-user issues commands, and receives the answers, in English.

MAPPER was adapted to the specific needs of the project by the University's Research Programmer, Mr. Manh Tran. The process of refining the basic software tools continued throughout 1983 and changes continue to be made as the project develops.

Among the aims of the project are the creation of a data base on Australian Corporate Law containing a summary of all reported cases and journal articles, and the use of the data base to carry out research into specific aspects of this body of law.

The researchers are also using their data base to produce reference works on Australian Corporate Law, enabling interested parties readily to obtain a variety of information on cases and journal articles.

In the long term, they hope to provide direct online access to the data base to judges, legal practitioners, regulatory and law enforcement agencies, teachers, students and other researchers of Australian Corporate Law. The data base is already online with the University of Wollongong computer network.

Mr. Jackson said the plan was, eventually, to record every reported case and published journal article on Australian Corporate Law.

The data base would be constantly replenished by updating with new judgements and journal articles, he said.

"It is a specialised data base since it deals with Corporate Law alone and it has already provided and will continue to provide new dimensions in research in this area of law," Mr. Jackson said.

Last year, in the first phase of the project, summaries of cases for 1975 to 1983 were entered on to the data base.

This year, in the second phase of the project, analyses of all major cases before 1961, all reported cases since 1961, and journal articles are being entered.

The data base uses an index of key words, rather than a full text of each case, or an abstract of each case.

Mr. Jackson pointed out that a full text system would be extremely costly to create. Also, the storage and searching difficulties associated with such a massive system were beyond the bounds of the project. Further, a full text system would involve extensive copyright difficulties.

"We rejected the abstract approach as it also generated extensive cost and copyright law difficulties. Nevertheless, MAPPER does allow us to include case commentary if and when resources are available," he said.

Mr. Jackson said the compilation of an appropriate index of key words had proved to be one of the most difficult aspects of the project to date.

But work done on this aspect of the project had already raised important questions about the adequacy and appropriateness of the orthodox ways of classifying and categorising Australian Corporate Law.

These problems affect a much wider audience. According to Mr. Jackson, legal practitioners, text-book writers, Law Reform Commissions, law enforcement agencies, teachers of Corporate Law, and the courts, all have an interest in these problems, which are now being tackled in the second phase of the project.



He said that to date the main use of computers in the law in Australia had been in experiments towards the development of retrieval systems for legislation and case law.

But these developments had overlooked the powerful role in legal research that creative use of computer technology allowed.

"Our project seeks to explore the full parameters of this role. We have established a data base that will enable fruitful avenues for further research into Australian Corporate Law to be pursued," he said.

Mr. Hale and Mr. Jackson have already published a reference book "The Australian Corporate Law Reference 1975-1983" which exploits some of the capabilities of MAPPER, by presenting all data from the system in a variety of ways.

A second edition incorporating many enhancements will be published later this year.

The data base also allows intra-legal system research to be carried out, answering enquiries such as: How many appeals are there in Corporate Law in Australia and in each of the States? Which State Appeal Court is most often overruled by the High Court of Australia in Corporate Law? Is one particular judge more overruled than another judge within the same State?

Mr. Hale and Mr. Jackson have written a paper on such intra-legal research, due for publication in the May 1984 issue of the Company and Securities Law Journal.

The system also offers interesting possibilities for interdisciplinary research.

An example of the type of question that might be asked is: In those States which experienced periods of economic recession were there any particular subject areas in Australian Corporate Law which were more frequently or disproportionately before the courts of those States?

In addition, the data base permits rapid production of reading lists for students for particular subject areas.

Mr. Jackson said legal practitioners, Law Reform Commissions, regulatory and law enforcement agencies would also find the information provided by the data base invaluable in their work.

"We hope to tap all these areas for further funding of our research project," Mr. Jackson said.

"We believe that the creation and development of this data base, with the MAPPER system facility, will enhance the range of quality of legal research," he concluded.

A description of the first phase of the project, "The Creation, Development and Use of a Data Base on Australian Corporate Law" by K.W. Hale and J.G. Jackson, appeared in the Journal of Law and Information Science, Volume 1 No. 3, 1983 (published by the Faculties of Law, and Mathematical and Computing Science, NSW Institute of Technology).



## Campus Community Interface

### "OPEN HOUSE"

International House has invited interested Friends to Dinner and "Open House" on either of two nights:

Tuesday, 21st August '84 (RSVP - 17th August)      Tuesday, 4th September '84 (RSVP - 30th August)

Liz Hilton will welcome Friends on either evening to have an informal look around the House and meet some of the residents. A cafeteria style meal will be served from 6 p.m. to 7 p.m. Catering numbers are crucial here and guests are asked to note the RSVP dates.

The 200 residents of International House have one thing in common: they are living away from home in order to study. The group is comprised of undergraduates, post-graduates, university staff and visiting fellows. New South Wales is the home state for the majority but others come from other states and territories and from overseas. Links between International House residents and the people of Wollongong are very few. Increased interaction would be great!

The 21st August date is during University Recess when some 50 students will be in residence. On 4th September it will be full house.

RSVP to telephone 299711 ext. 3784.

### VISITING CATHOLIC SCHOLAR

The Friends of the University Visiting Catholic Scholar Group, in collaboration with the Department of Philosophy, will be bringing Professor Max Charlesworth to Wollongong for the Festival of Wollongong.

Professor Charlesworth is the Professor of Philosophy at Deakin University. He will give two major addresses as follows:

Saturday, 1st September

\* The 3rd Festival Philosophy Lecture  
"New Ways of Birth and Death: Biotechnology and Bioethics"  
Wollongong City Gallery - 7.30 p.m.

Monday, 3rd September

\* The Visiting Catholic Scholar Address  
"The Future of Religious Belief"  
Northern Lounge - 12.30 p.m.  
(Light Luncheon cost \$3; Students free)

All staff, students and members of the Friends are most welcome.

### VISITING ISLAMIC SCHOLAR

The Islamic group within the Friends is sponsoring the visit of Professor M.A. Elerian, Visiting Fellow in Asian Studies at the Australian National University.

Professor Elerian is also President of the Australian Federation of Islamic Councils.



He will speak on the topic "Islam - the religion of Meliorism, Certainties and Challenges."

Venue: Pentagon Theatre 1

Date: Friday, 14 September, 1984 at 7 p.m.

Professor Elerian was educated at Cairo University and holds an M.A. and Ph.D. from Columbia University, New York. He is a poet and the author of numerous papers published in both English and Arabic.

## Distinguished Visitors

### FULBRIGHT PROGRAMME FOR 1986

The Australian-American Educational Foundation has advised that submissions are now being received from those departments wishing to have an American academic working with them for a period commencing in 1986.

Submission papers are available on request from:

Australian-American Educational Foundation, G.P.O. Box 1559, Canberra, ACT, 2601. Phone: (062) 479331/2

More details are displayed on the "Campus News" Notice Board.

## General Notices

### 1985 GRADUATION CEREMONIES

The dates have been set for the 1985 Graduation Ceremonies. Six ceremonies will be held, two each on Wednesday, 1st May, Thursday, 2nd May, and Friday, 3rd May. The detailed division of the ceremonies will be determined later in 1984.

If readers expect to complete the requirements for a degree or diploma at the end of 1984 or following the 1985 summer session, please note the following:

- the degree or diploma will only be awarded if readers complete an "Application for an Academic Award";
- application forms, available from the Student Enquiries counter, should be completed and returned before the end of Session 2, 1984;
- even if readers do not expect to be able to attend the Graduation Ceremony, they must complete an application for the award.

If readers completed their degree or diploma at the end of Session 1, they have the choice of having the award conferred at the 1985 ceremonies or, in their absence, by the University Council at its October, 1984 meeting. In either case they should complete the application form as soon as possible.

### BRITISH COUNCIL NEWS

The British Council Newsletter for August, 1984 is displayed on the "Campus News" Notice Board.

### BECOME COMPUTER LITERATE

The School of Industrial and Administrative Studies is offering short courses in many facets of computing for parents, business people and executives.

Courses are designed for both the beginner and the experienced and range from 8 hours to 20 hours duration. Each participant will have individual use of one of the University's microcomputers.

Courses will be on week nights from 6 p.m. - 10 p.m. and the microcomputer laboratories will be available to participants on weekends.

Prices range from \$55 for the 8 hour course to \$120 for the 20 hour course.

Applications and details can be obtained from the School Secretary (Phone: 270751).

### INFORMATION PLEASE!

Could members of staff organizing events connected with the University please send brief details of them to the Publications and Information Unit? We often receive enquiries from the public about these and sometimes have to resort to strange measures to ferret out the appropriate information... Help us to help you! Please phone ext. 3916.

### AUSTRALIAN BICENTENNIAL PUBLICATION ON WOMEN

The A.B.A. is funding a publication on women for the 1988 celebrations. More details are available from the Editor (16.5.4 refers).

### ACADEMIC REVIEW COMMITTEE AND COUNCIL COMMITTEE OF APPEAL (STUDENT MATTERS)

Students and staff should be aware of the time limits that apply to requests for review of decisions regarding students' academic performance.

Requests to the Academic Review Committee are to be lodged in writing to the University Secretary within six weeks of examination results being released or the initial decision of the Academic Review Committee being made.

Appeals against decisions of the Academic Review Committee are considered by the Council Committee of Appeal (Student Matters). These appeals are to be received by the University Secretary within twenty days of the date of the letter sent by the University Secretary notifying the student of the determination of the Academic Review Committee.

### UNION NIGHTS

Things are happening at the Union Bistro Friday and Saturday nights.

September is 'French Month'  
October is 'German Month'

From the kitchen to the waitresses to the live music, you won't need to take that plane trip to France or Germany.

### UNION PIANO BAR

It's relaxing piano bar atmosphere in the Common Room, Union Building. Come and enjoy this relaxing meeting place or just listen to the entertaining live music.

Opening Tuesday, 4th September, 5.00 p.m. - 9.00 p.m.



## THEFTS ON CAMPUS

Incidences of thefts are continuing. Recently a car was stolen from a car park and on Friday, 10 August, in broad daylight four wheels were stolen from a car which was left jacked-up on bricks.

While it is hard to believe that such could happen in broad daylight in a busy car park, this incident highlights the need for all of us to take great care with our valuables. For instance money and valuables should not be left in open offices.

If you see anyone acting suspiciously, please contact the Patrol Office, Ext. 3936, or if unanswered exts. 3083, 3084 or 3905.

## CO-OP BOOKSHOP ELECTS NEW CHAIRMAN OF DIRECTORS

Warren Kimble, Lecturer in Economics in the School of Economic and Financial Studies at Macquarie University, has been elected Chairman of the Board of The University Co-operative Bookshop Limited.

He succeeds Dr. Ian Somervaille, who has commenced study leave.

The incoming Chairman reviewed the trading performance of the Co-op, and confidently forecast an encouraging and financially responsible result for the current financial year. This achievement, reversing the losses of the previous two years, will provide a firm platform for the Co-op presently sells all books at the publishers' recommended retail price and offers to all shareholders discounts on virtually all books. In view of its strong financial result, it is presently considering increasing this discount level.

## VOLATILE SUBSTANCES — SENATE ENQUIRY

The Senate has appointed a Select Committee to inquire into and report upon:

The voluntary inhalation of volatile substance fumes, with particular reference to the health and social consequences of the availability of such substances to the community, particularly -

- a) to persons who have not attained the age of 18 years; and
- b) where the practice of petrol sniffing has become endemic.

The members of the Committee are Senator E.A. Robertson (Chairman, N.T.), Senator B.F. Kilgariff (N.T.), Senator R.N. Coleman (W.A.) and Senator M.S. Walters (TAS.).

The Committee invites interested individuals or departments to make written submissions on this matter. The Committee will consider all written submissions and may invite people to give oral evidence at public hearings which will be held in due course.

Submissions should be lodged by 30 September 1984 with Ms. P. Carron, Secretary, Senate Select Committee on Volatile Substance Fumes, Parliament House, Canberra A.C.T. 2600. Telephone (062) 726539. Telex AA62326.

## BHP AWARDS FOR THE PURSUIT OF EXCELLENCE

The University has been asked to give serious consideration to nominating outstanding achievers for the BHP Awards for the Pursuit of Excellence.

Categories in which people can enter are:

- . Commerce, Industry and Management
- . Community Service and Welfare
- . Environment
- . Literature and the Arts
- . Rural Development
- . Science and Technology

Nomination forms are available from the Editor.

## Scholarships and Prizes

Details of the scholarships and prizes below are displayed on the Campus News Notice Board situated in the Administration Annexe. Application forms are available from the Student Enquiries Office.

Royal Commission for Research Scholarships  
the Exhibition of 1851

Netherlands Government Scholarships

National Australia Day Committee Nominations called for Australian of the Year and Young Australian of the Year

United Nations 20th Anniversary of UNCTAD Essay Competition

Department of Education and Youth Affairs The following Commonwealth Scholarship and Fellowship Plan Awards are available:  
United Kingdom, Canada, Hong Kong, India, Jamaica, Nigeria, Trinidad and Tobago, Malaysia

The application forms must be received 1st October 1984 to Gary Ryan.

Massey, N.Z. Postdoctoral Fellowships  
(65-3-3 refers)

ANU Vacation Scholarships

## Job Vacancies

Details of the following positions are displayed on the Campus News Notice Board situated in the Administration Annexe.

James Cook Lecturer in Early Childhood Education  
Tutor in Aboriginal Education

Flinders Lecturer in Politics  
Lecturer/Snr. Lecturer in Social Administration



# Research Grants

## CARNEGIE CORPORATION OF NEW YORK ANNOUNCES NEW PHILOSOPHY

Weapons of unprecedented destructiveness, extreme population growth, environmental damage, extensive resource depletion, and new patterns of disease -- these are some of the unwanted side effects of rapid scientific and technological change, said Dr. David A. Hamburg, president of Carnegie Corporation of New York, in the introductory essay to the foundation's 1983 annual report.

In the essay entitled "The Context for Carnegie Corporation's New Grant Programs," Dr. Hamburg suggested that while the great opportunities arising from profoundly enhanced capability in science and technology are visible in every sphere of life, such changes have come so rapidly that human institutions are having great difficulty meeting the challenge.

"We see the institutional deficits throughout the world in the prevalence of totalitarian governments, in the absence of strong conflict-resolving mechanisms within and among nations, in the shortcomings of educational and other social institutions in preparing young people adequately for the modern world, in the lack of social support systems to help compensate for changes in family structure, and in the waste of talent, vigor, and health by damage in early life that is preventable."

Calling the sciences "perhaps our most powerful problem-solving tool," Dr. Hamburg urged the scientific and scholarly community in the United States and elsewhere to bring its resources to bear in solving "these crucial problems."

He said that Carnegie Corporation, with assets of \$517 million (Sept. 30, 1983) and grantmaking funds of approximately \$20 million, would seek to involve the scientific community, broadly conceived, to work on four major objectives: avoiding nuclear war, preventing damage to children, improving education in the sciences, and strengthening human resources in developing countries.

The Corporation, he said, would use its grants across all program areas to encourage cooperation among persons from a wide range of the sciences, to link science-based analytical work with education, and to encourage the "mutually beneficial interplay between social concerns and basic inquiry." He said also that the foundation would support "intersectoral leadership activities that promote the co-operation of government, corporate, labor, and scientific and professional strengths in responding to needs."

Announcement of the foundation's intention to concentrate its grants in these four areas was made earlier this year. They "present some very tough problems and formidable risks, but also the possibility of significant gain for the general well-being," Dr. Hamburg said. "They are considered in the essay with full recognition of the limitations of what the Corporation -- or for that matter what any single institution -- can do, but with the hope that the foundation can at least try to clarify the nature and scope of these great problems and encourage others in the search for constructive responses."

Dr. Hamburg said that in the three-quarters of a century that Carnegie Corporation has been making grants, it

"has been guided by fundamental commitments to education, peace, and social justice. The expression of these commitments to education has deliberately varied over time, in keeping with the foresight of its founder Andrew Carnegie. Now the foundation enters a new era, drawing upon the traditions of the past and looking to the opportunities of the future. Those of us who have the privilege of being associated with this remarkable institution are mindful of the special responsibility that goes with that association."

During the year ended September 30, 1983, the trustees approved 85 grants and appropriations totalling \$13,293,284, including \$724,845 for the international program. Appropriations were also made for programs or projects administered by the officers.

## CSIRO SUPERCOMPUTING RESEARCH GRANTS

CSIRO has recently installed an advanced Cyber 205 computer designed for numerically intensive computing organized in a vector mode. The CSIRO Executive has instituted a research grants scheme to promote access to this computer by scientists in Australian universities and other tertiary institutions, in Commonwealth and State organizations and in Australian industry, as well as in CSIRO.

Any type of research (except that of immediate commercial application or that performed for a fee), in any branch of science, and which requires the power of a vector processor is eligible for consideration. Applications will be assessed by a small committee of scientists from CSIRO and the universities. Grants will be awarded competitively on the basis of scientific merit and the national importance of the proposed research.

Up to \$1,000,000 will be awarded for computing on the Cyber 205 in 1984-85. The use of the Cyber 205 and of CSIRONET facilities required for access to this computer will be charged at normal rates against the grants.

Application forms can be obtained from university registrars or from the undersigned, with whom applications for the nine month grant period to June 30, 1985, close on September 7, 1984. Grants for this period should be announced before the end of September 1984. No further applications will be considered until May 1985.

Dr. I.R. Elsum, Computing Grants Scheme,  
CSIRO Institute of Physical Sciences,  
PO Box 225, Dickson, ACT, 2602.

## APPLICATION OF BIOTECHNOLOGY TO THE WOOL INDUSTRY

The Australian Wool Corporation has recently received a report from a Working Party on the Application of Biotechnology to the Wool Industry. That Working Party has identified a number of areas in Biotechnology of relevance to wool research and accordingly the AWC is pleased to invite applications for biotechnology-based post-doctoral fellowships in these areas. These will be awarded in addition to the usual scholarships and projects supported by the Wool Research Trust Fund and will be available for a 3-year term.

Deadline for submissions - 11 January, 1985.

Enquiries to Trevor Smith on 270079.



## DRIED FRUITS RESEARCH COMMITTEE

Applications for research funding are invited. Deadline 15th October, 1984.

Enquiries to Trevor Smith on 270079.

## Seminars

### Details of the

Details of the Seminars below are displayed on the "Campus News" Notice Board in the Administration Annexe.

### DEPARTMENT OF BIOLOGY

Venue: Room G25 Metallurgy Building.  
Honours Seminars:

Tuesday - 4.00 - 5.30 — September 4

Dr. Dedee Woodside, School of Zoology, University of N.S.W.: "Echolocation and foraging in eastern Australian bats."

Tuesday - 4.00 - 5.30 — September 11

Dr. Lindsay Smith, Department of Physics, University of Wollongong: "Cosmology for Biologists."

Tuesday - 4.00 - 5.30 — September 18

Professor H.G.L. Coster, School of Physics, University of N.S.W.: "Membranes: pores, stability and cell fusion."

### CENTRE FOR MULTICULTURAL STUDIES

Dr. Mike Howard of the Sociology Department in the School of Social and Economic Development, University of the South Pacific, will speak on "The Emerging National Bourgeoisie in the South Pacific."

Place: Northern Lounge, University Union.

Date: Wednesday, August 22nd, 1984.

Time: 4.00 p.m.

### ONE DAY CONFERENCE ON "FREE AND MOVING BOUNDARY PROBLEMS"

August 31st 1984, 9.30 a.m. - 4.00 p.m.

The conference is jointly organised by the Department of Mathematics, University of Wollongong and the Sydney Branch of the Division of Applied Mathematics of the Australian Mathematical Society.

Speakers Include:

Dr. A. McNabb, Applied Mathematics Division, D.S.I.R., N.Z. "A moving boundary problem associated with reduction of iron sand."

Dr. A. Miller, Centre for Mathematical Analysis, A.N.U. Canberra. "Numerical methods for the multiphase Stefan problem."

Dr. J.R. Ockendon, Mathematical Institute, University of Oxford, U.K. "Recent mathematical developments in free and moving boundary problems."

Dr. L. Paterson, Division of Geomechanics, C.S.I.R.O., Syndal, Victoria. "Simulating the moving boundary between two fluids in a porous medium."

Dr. C. Rogers, Dept. of Applied Mathematics, University of Waterloo, Canada. "Application of Backlund transformations to Stefan problems."

Dr. G.P. Steven, Dept. of Aeronautical Engineering, University of Sydney, N.S.W. "Moving interfaces with finite elements."

Dr. R.A. Wooding, Applied Mathematics Division, D.S.I.R., N.Z. "Motion of two compressible fluids with an interface in a porous reservoir."

Transport from and to Sydney Airport will be organised on the day of the conference. For these arrangements and further information please contact: Dr. J.M. Hill (042) 270822; Dr. G. Doherty (042) 270825; Secretary, Department of Mathematics, University of Wollongong, (042) 270845.

Registration including lunch and coffee \$10.

### DEPARTMENT OF MATHEMATICS

Wednesday, August 22 — 1.30 p.m.

Speaker: Dr. J. Paine, Department of Numerical Analysis and Computing, Simon Fraser University.

Place: Austin Keane Building, Room 204.

Title: A numerical method for universe Sturm-Liouville problems.

Thursday, September 13 — 1.30 p.m.

Speaker: Dr. W. Hsieh, Department of Theoretical and Applied Mechanics, University of New South Wales.

Place: Austin Keane Building, Room 204.

Title: To be announced.

### DEPARTMENT OF PHILOSOPHY

"Are Qualities And Relations Particular Or Universal?" — Mr. Greg Williams (The University of Wollongong).

Friday September 7, 10.30 a.m., Room 19.1016 Social Sciences Building.

Further information and offers of Papers: Professor Lauchlan Chipman, (042) 270615.

### WORLD CONGRESS ON EDUCATION AND TECHNOLOGY

Vancouver, Canada, May 22-25 1986. Papers called for. Enquiries to David Rivers, 1155 West 8th Avenue, Vancouver, British Columbia, Canada V6H 1C5.

### CENTRE FOR MULTICULTURAL STUDIES

Workshop on Australia's Aid Program and The University of Wollongong — Wednesday, 12th September, University Union, Northern Lounge.

The Centre for Multicultural Studies will host a one-day workshop for University academic and administrative staff. The workshop will have two objectives:

1. To brief members of the university on the recommendations of the Jackson Report on Australia's Overseas Aid Program; and
2. To solicit comments on those recommendations and to investigate future options for University programs in the light of the recommendations.



## DANTE ALIGHIERI SOCIETY NEWS

Seventh Annual Lectura Dantis

Dante Revisited One Sunday Morning  
(Dante Rispolverato Una Domenica Mattina)

by Pino Bosi

Monday, September 17 8.00 p.m. Room 2106-2107  
Department of European Languages, University of  
Wollongong

\* \* \* \* \*

Second Seminar on Italo-Australian Poetry

under the chairmanship of Gaetano Rando.

Sunday, October 14 2.30 p.m.  
Fraternity Bowling Club (Montecarlo Room)

\* \* \* \* \*

Dante members are welcomed to join the study tour of  
Italy organized by the University's Department of  
European Languages. The group leaves Wollongong  
January 5th and returns by the 29th.

\* \* \* \* \*

If members show enough interest, the committee would  
like to organize a bus trip to the Sydney opera sometime  
during February-March to see an Italian opera. Con-  
cession prices will be available. If you think the idea is  
a good one, and would like to join the party, please let  
us know. Phone 270676.

## Equal Employment Opportunity Project

### E.E.O. SURVEYS

Questionnaires are expected to be sent out to all members  
of staff in the week beginning 10 September 1984. Every-  
one employed at the University and by the University  
Union will be invited to complete the questionnaires. At  
this stage the Universities of N.S.W., New England, New-  
castle and Wollongong expect to have a common E.E.O.  
Survey with additional institution-specific questions.

Requests for assistance with completing the questionnaires  
have come from members of the staff who have a native  
language other than English. It is anticipated that inter-  
preters working in Spanish, Italian and German will be  
needed. Any member of the staff who is prepared to  
help with oral translations of the questionnaires is asked  
to contact the E.E.O. Co-ordinator on 3917.

A number of people who are unable to read or who have  
sight difficulties have also contacted the E.E.O. Project.  
If you know of any member of the University who may  
require assistance of any sort in regard to the questionnaire  
please urge them to contact the E.E.O. office 3917 or  
phone us yourselves. It is important that all staff at the  
University have an opportunity to complete the question-  
naires. Arrangements are now being finalised for members  
of the cleaning, maintenance and gardening sections to  
meet together to complete the surveys. Other members of  
the University will be able to return questionnaires  
through the internal mail system or hand deliver them  
direct to the E.E.O. Office.

## OTHER ACTIVITIES

E.E.O. Contact Network — many members of the staff  
have already indicated their preparedness to be part of  
the E.E.O. Contact Network. There are however, a few  
departments/sections still unrepresented. If you would  
like to be part of the network please contact us. There  
will not be a heavy time commitment and the function  
of the network is really to disseminate information on  
the development of the E.E.O. Management Plan to  
people throughout the University. When data is released  
E.E.O. Contact Network people may work on the form-  
ulation of affirmative action strategies to be included  
in the plan.

### POLICY STATEMENT

If you still haven't received a copy of the University's  
E.E.O. Policy Statement phone us and we'll send you  
one. There has been quite a lot of positive response to  
the document.

### OTHER ACTIVITIES

The E.E.O. Co-ordinator has been attending support  
meetings held for female engineering students and female  
honours students arranged by Beth Urwin the University  
Counsellor. The Co-ordinator continues to address faculty  
and departmental meetings and spoke recently to a meet-  
ing of South Coast Careers Advisers on career options and  
affirmative action for women.

The co-ordinator tries to attend a cross section of selection  
committees as an observer and receives many staff sub-  
missions on a range of topics.

Recently the Co-ordinator attended a conference "Women  
in Higher Educational Management" sponsored by the  
Australian College of Education. Papers on change within  
universities, and upon affirmative action programmes  
already in place in Australian universities were given.  
Recommendations from this conference will be circulated  
to appropriate politicians, the A.V.C.C., and individual  
institutions are asked to consider them in appropriate  
committees.

## Concerts, Exhibitions and Entertainment

### WEDNESDAY GALLERY

4/328 Crown Street, Wollongong.

Paintings, pots and paraphernalia.

Open Wednesdays only 10 a.m. - 5 p.m. Enquiries to  
Bev - Phone 28.3853.

### BACH'S PRELUDES AND FUGUES

The remaining numbers in the series of forty eight  
preludes and fugues will be performed at 2.30pm in the  
Conservatorium, Gleniffer Brae, on the following dates:

September 9 and 23

Tickets \$5.00, concession \$3.00 from the Conservatorium  
of Music 28.1122.

### UNDER MILKWOOD

by Dylan Thomas

Directed by Maurie Scott.



Wollongong Workshop Theatre, Gipps Road, Gwynneville.

August 8 - 25, Wednesday, Friday, Saturday at 8.00 p.m.

Price \$5; \$3 concession.

Tickets at Wilson's, Crown Street, or at door.

### SCHOOL OF CREATIVE ARTS EXHIBITION

There will be an exhibition of ceramics, textiles, drawings, paintings, sculpture, jewellery, and woodcraft by staff of the School.

17 August to 14 September 10 a.m. to 4 p.m. on weekdays and 2 p.m. to 5 p.m. on Saturday and Sunday. Admission free.

### DOROTHY HEWETT'S "THE MAN FROM MUKINUPIN"

Director: Des Davis Designer: John Senczuk  
Assistant Director & Choreographer: Peter Blackburn  
Musical Director: David Vance

with: Faye Montgomery Sher Guhl Michael Coe  
George Leppard Lynne McGimpsey Maree D'Arcy  
Jill Akhurst Allan McFadden

This is the story of the little Australian town of Mukinupin. The year is 1912 and the townspeople gather. There's Polly Perkins the town beauty, there's Jack Tuesday, the grocer's boy who becomes a J.C. Williamson's chorus boy, there's his twin brother Harry, the shearer who becomes a shell shocked war hero, there's Miss Clemmy Hummer, ex-tightrope walker from Wirth's Circus, there's the flasher, town flasher and madman, there's ... Meet them all. It's harvestime in Mukinupin.

Wollongong Technical College Theatre

September 7 - 29

Book now at Wilson's Record Bar or telephone Theatre South (042) 270705.

### SPECIAL 150TH CELEBRATIONS CONCERT

William Hennessy, Concertmaster of the Tasmanian Symphony Orchestra.

Wollongong Town Hall.

Saturday, 29th September, 1984 at 8.00 p.m.

This concert is presented by the Illawarra Music Club with the support of the Wollongong 150th Anniversary Committee Limited and TAA Wollongong.

Born in Wollongong, William Hennessy made his professional debut at the age of fifteen when he played the Bach Violin Concerto in E major for Musica Viva's 25th Anniversary Concert in Sydney. Since that time he has been a frequent soloist and chamber music performer with the A.B.C. and Musica Viva.

Tickets \$8 (\$5 concession) \$1 discount for Illawarra Music Club members.

Enquiries to 270782.

### TICKETS TO AUSTRALIAN OPERA PERFORMANCES

A limited number of A Reserve and B Reserve tickets are available for the following performances:

Saturday, September 1 at 7.30 p.m. —  
"Dialogues of the Carmelites" — B Reserve — \$20

Saturday, September 29 at 1.00 p.m. —  
"The Marriage of Figaro" — A Reserve — \$20

Thursday, October 4 at 7.30 p.m. —  
"A Midsummer Night's Dream" — A Reserve — \$20

Saturday, October 13 at 1.00 p.m. —  
"Fidelio" — A Reserve — \$20

Saturday, October 27 at 1.00 p.m. —  
"Aida" — B Reserve — \$20

Bookings may be made with David Vance (ext. 3617) or Kris Morgan (ext. 3781).

### FOUR FREE FOREIGN FILMS

Department of European Languages Film Series, University of Wollongong.

"La Regle du Jeu" by Jean Renoir, Tu 18 October, 8.30 p.m., Social Sciences Bld, Rm 2120, Uni. of Wollongong.

"Der Starke Ferdinand" (Strong-Man Ferdinand) by Alexander Kluge, Th 20 September, 8.30 p.m., Social Sciences Bld, Rm 2120, Uni. of Wollongong.

"Im Lauf der Zeit" (Kings of the Road) by Wim Wenders, Friday 17 August, Art Arena Gallery, Central Chambers Bld, 157 Crown Street, Wollongong.

All films are in the original language with English subtitles.

### MUSICA VIVA PRESENTS SEQUOIA QUARTET

From California

Monday September 17

HAYDN — Quartet in G major op 77 No. 1

BANKS — Quartet (1975)

DEBUSSY — Quartet in G minor op 10

"It was a concert to be remembered, and in a reviewer's hectic life such things do not happen often. This is genuinely a group of connoisseurs". So wrote the Los Angeles Times of this dynamic Californian based quartet which has been in residence at the California Institute of the Arts since its formation in 1972. Acknowledged as the "best new American ensemble to emerge in the last decade" the Sequoia Quartet will give performances in all Australian states on this major premiere tour.

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DID YOU KNOW that the University needs the support of its graduates and that this can be delivered through the Graduates Committee of the Friends of the University?

Membership of the Graduates Committee is open to all members of Convocation for \$10.00 p.a. or \$40 for Life Membership.

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# Advertisements

## UNIT TO LET

2 bedroom unit with own garden in West Wollongong/Figtree area. \$55 p.w. Three months lease. Telephone 281784 (evenings).

## FOR SALE

Berkeley - 10 minutes from Uni. via express way. 3 bedroom, brick veneer and tile family home on a high block in a cul-de-sac, partly overlooking the lake. This ideal first home has a potential downstairs rumpus room approx. 15 by 20 ft. if two footings were removed. Inclusions are fully carpeted, T.V. aerial, venetian blinds, double power points, reconditioned hot water system-instantaneous, and copper piping throughout. \$50,500.

8 Wirri Place, Berkeley (outside viewing only)

Ph. (045) 775083 for inspection.

## WANTED MATHEMATICS TUTOR

Part-time student (B.Com) requires private tutor for Quantitative Methods 2. Phone 942434.

## FOR SALE

Bicycle - 12 speed Taiwanese - \$120  
Dining set, pine, circular table, 4 chairs - \$130  
Phone B. Howard ext. 3060 or at home 281481.

## FOR SALE

1975 Galant, automatic. Tidy, good mechanical condition, 6 months reg. \$1850 o.n.o. Owner leaving. Phone 270700/293892.

## LAND FOR SALE

Situated in quiet Mt. Keira cul-de-sac; 600 sq. metres of perfectly flat land. Only \$34,950. Phone 715521 or George on ext. 3508 for details.

## VIETNAMESE RESTAURANT

Staff and students of the University of Wollongong are welcome to Kim's Vietnamese restaurant. Special 10% discount. B.Y.O. Saturday special traditional breakfast for \$3.9 a.m. open.

## FOR SALE

House near new, b/v, 4 bedrooms plus study, family room, modern kitchen, double garage, superb views. Double sized block. Phone 271892 or ext. 3044.

## FLAT TO SHARE

Person wanted to share great flat in Central Wollongong. \$30 p.w., furnished room. Call 284720 or 281946, anytime.

## FOR SALE

Chopper Honda 750 Motor Bike. Reg. Dec. '84. Fully raked. \$1500 o.n.o.  
Honda Goldwing 1975 model, fairing, driving lights, crash bars, rego. Oct. '84. \$1000 o.n.o.  
Phone (046) 309229.

## FURNISHED ACCOMMODATION WANTED

Furnished accommodation required by responsible female student, till the end of November. Would prefer to take care of established residence for absent or holidaying owners. References available if required. Please contact Lisa Phipps on 286293 or (02) 3873121 after 3.30 p.m.

## OLD CAMERAS WANTED

Wanted: Old cameras and accessories, stereo viewers and cards, early images, magic lanterns, old books on photography, anything related to the history of photography. Please contact Peter Pavlik in the Chemistry Department or private on 284925.

## WANTED FOR RENT

Furnished house (3 bedroom) for visiting overseas lecturer. August '84 - May '85 or part thereof. Please phone Gerald Nanson 270631 (work) or 846461 (home).

## FOR SALE

Camera - Olympus OM4. 3 months old, fully automatic with Lakina zoom lens 25mm - 50 mm S/4 - \$650. Phone 616417.

## FOR SALE

VW Beetle 1973 - good mechanical condition, body-work fair. \$800 o.n.o. Ph. (046) 259878 (Davis) or contact S. Rice 287761.

## FOR SALE

Mitsubishi Sigma 2000 Wagon; July 1980; 34,000; new tyres; regularly serviced; reg. to January 1985. Best offer. 6 Pacific Street, Kiama, 2533.

## UNIVERSITY CATHOLIC SOCIETY

The Catholic Society holds Mass at 12.40 p.m. each Thursday during term time in the Union Common Room or the Northern Lounge where appropriate. Fr. Terry Gleeson, Catholic Chaplain, tel. 286511.

## CAR FOR SALE

Corona Station Wagon, 1977. \$3,400 o.n.o. Phone: 270727 or 296475 a.h.

### UNION NEWS FLASH!

The Union is a centre of activity  
as it plans 'New Looks' for the Bistro

Plus

relaxing music as well as  
that quiet meeting place when  
the doors of the Common Room  
open Tuesday Evenings 5.00 - 9.00 p.m.  
(Opening Tuesday, 4th September)