

CAMPUS NEWS

***Prophesying Backwards* off to Sydney**

The School of Creative Arts presented *Prophesying Backwards* as its third year graduating production in the Performance Space on 25 and 26 September.

The play will move to Sydney where it will be one of the major works at a School of Creative Arts festival at the Stables Theatre from 22-24 October. (see page seven)

Prophesying Backwards was written by Penelope Nelson and adapted for stage by John Senczuk.

Prompted by an episode of 'Blue Hills', Lady Sigrid Southgate begins to reminisce about growing up in Eurobodalla on the NSW south coast and the secret life of her childhood friend Ellen.

Lady Sigrid's granddaughter, Denise – consumed by politics, passion for the '60s lifestyle and the pill – is a history student at Sydney University.

Together they explore the confusions and tragedies, the uncertainty and pleasure of the 1890s in the build up to Henry Parkes' push for Federation.

But how reliable are memories, letters and keepsakes? Are most attempts to understand the past really guesswork – *Prophesying Backwards*?

The play is a disquieting piece of theatre which moves between the 1890s and the turbulent 1960s.



Wollongong joins Xpertnet

Journalists researching particular topics or looking for expert comments can now contact Xpertnet which is co-ordinated by Macquarie University.

The request is sent by electronic mail to media officers at the member universities who decide if there is someone on their campus who can respond.

Since its establishment last month Xpertnet has passed on more than a dozen enquiries. Indications are that as journalists become aware of this service it will grow rapidly.

ITC bulk materials handling

The Illawarra Technology Corporation Limited is holding two short courses on bulk materials handling this week.

To be held in parallel, the courses are Storing and Feeding Bulk Solids and Design and operation of Pneumatic Conveying Systems.

They are both being run from 6-8 October 1993.

Inquiries: Dr Peter Wypych or Professor Peter Arnold, phone: (042) 213062, Fax: (042) 213101.

Student Representative Council elections

Elections to select a new Student Representative Council will be held on 25, 26 and 27 October.

In the interim the Vice-Chancellor, Professor Ken McKinnon, has appointed a temporary administrator, Mr Harry Alla, to oversee the affairs of the SRC.

A committee elected by the students on Thursday 23 September will act in an advisory capacity until the election.

Details of October Graduation ceremonies

The October Graduation Ceremonies will be held on 7 and 8 October in the Union Hall.

The details are:

Thursday 7 October 2.30pm: Arts, Engineering, Health and Behavioural Sciences, Informatics and Science

Honorary Awards: The Most Reverend R H Goodhew - Doctor of Letters.

Dr Sultan Aly - Fellow of the University.

Speaker: The Most Reverend R H Goodhew, Anglican Archbishop of Sydney.

Friday 8 October 10am: Commerce, Education and Law.

Honorary Awards: Justice Jane Mathews - Doctor of Laws.

Mr Peter Kell - Fellow of the University.

Speaker: Justice Jane Mathews, NSW Supreme Court.

Entry to each ceremony is by ticket only. Invitations to academic staff to attend and participate in the academic procession have been distributed.

Staff are advised that parking restrictions will apply in some University carparks on Graduation days.

General inquiries in relation to Graduation may be directed to Jenel Elrick, ext. 3947 or Olena Cullen, ext. 4136.

More on the media

For some time the University has had a regular spot on ABC Radio Illawarra at 9.10am on Mondays.

Staff from the University have an informal chat with the interviewer about the work they do at the University.

If you have an interesting story to tell to Wollongong listeners contact the Media Officer, Gillian Curtis, ext 3926 or by E-Mail.

Law students' mooting competition success

The team representing Wollongong at the Butterworths Mooting Competition came second to the University of NSW in Sydney last week.

The competition involves students taking on the roles of counsel who present hypothetical arguments of law before a panel of judges to a higher court.

A competition to select the team was open to all law students at Wollongong University and sparked off exceptional student interest.

The aims to the competition are two fold; firstly to further enhance legal research and reasoning skills of our students and secondly, to select students to compete in national and international mooting competitions.

The Faculty of Law is also sending



Butterworths Mooting Competition team (from left) Sarah Williams, Sinead Campbell, Alison Gooley, Patrick Culbert and Zoe Nelson

a mooting team to represent Wollongong University in the Australasian Law Students Association Mooting Competition in Christchurch in July

1994.

The team for the New Zealand competition is Patrick Culbert, Lani Blackman and Sinead Campbell.

Tribute to the late Mervyn Nixon



Mr Mervyn Nixon

The University community expressed its sorrow at the passing of Mr Mervyn Nixon on Monday 13 September.

The Vice-Chancellor Professor Ken McKinnon said that the University had lost a friend and long-time supporter.

'It was largely because of Merv Nixon that the University enjoyed a close and fruitful relationship with the Trade Union movement in the Illawarra,' Professor McKinnon said.

'In the 1950s Merv Nixon was wholeheartedly behind the drive to establish a local university.

'In later years he strengthened the ties between the unions and the University by locating the headquarters of the Trade Union Training Authority at the University's Illawarra Technology Centre.

'During the weeks proceeding his death he was negotiating to establish scholarships at the University for Trade Union members and their children.'

Merv Nixon served as a director of the Illawarra Technology Centre and was made a Fellow of the University in August 1985.

Professor of Biomedical Science arrives

Dr Len Storlien has taken up his position as Professor of Biomedical Science.

Dr Storlien has an eclectic background with training in biochemistry, physiology, psychology, neuroscience and nutrition.

Originally from Canada, he did postgraduate work at the University of British Columbia before completing his PhD at ANU.

After postdoctoral work in the United States, England and New Zealand, he returned to become an NH and MRC Senior Research Fellow.

His primary area of research interest is into genetic and life factor (diet, exercise, pregnancy) influences on the 'Syndromes of Insulin Resistance', a cluster of prevalent, related

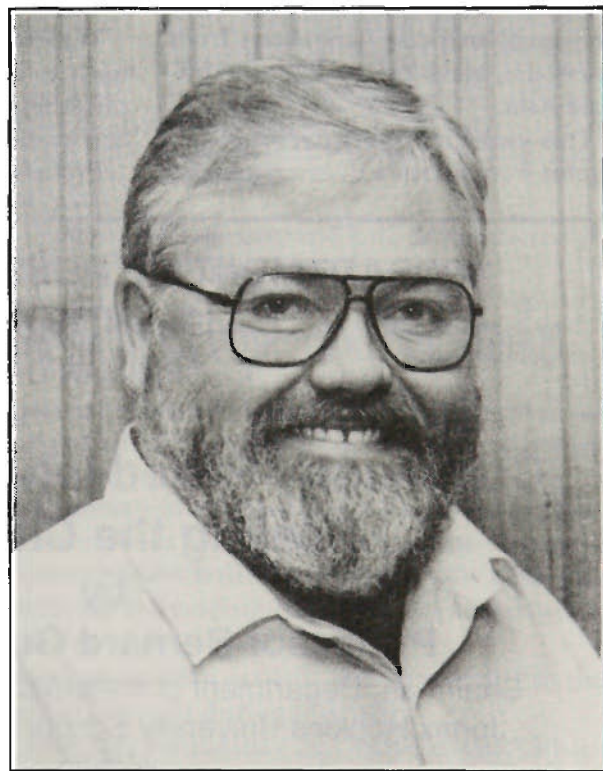
diseases including obesity, diabetes and hypertension.

Other areas of research include autonomic nervous system influences on metabolism and the role of sensory factors in controlling food intake and energy balance.

Dr Storlien said he was pleased to be arriving at a very exciting time of great developments in the Faculty of Health and Behavioural Sciences.

He was looking forward to establishing collaborative links with several groups on campus within and outside the faculty.

He sees as a high priority raising the research profile of the Biomedical Science department and stimulating a major increase in the amount of externally-derived research funds.



Dr Len Storlien

Professor Fred Hilmer to present Sir Richard Kirby Lecture

Dean of the Australian Graduate School of Management, Professor Fred Hilmer, will give the 1993 Kirby Lecture on Wednesday 27 October at 6.30pm.

Professor Hilmer is author of many publications on industrial relations and management, most recently a major report for the Business Council of Australia.

The Kirby Lecture is an integral part of the introductory industrial relations programme, but it is also a public lecture to which all members of the University

and the community are warmly invited.

Guests are invited to ask questions after the lecture.

We hope that Sir Richard Kirby will attend as usual along with distinguished guests from the University, trade unions and local business. The lecture will be presented in Pentagon 2.

Coffee, tea and biscuits will be served after the lecture which concludes at about 7.45pm. Enquiries: Di Kelly (ext. 3612).

Power Engineering conference a success

The Australasian Universities Power Engineering Conference (AUPEC) was held this year at the University of Wollongong from September 29 to October 1.

The conference was organised by staff from the Department of Electrical and Computer Engineering and the Pacific Power Energy Efficient Research Centre which is housed in the Illawarra Technology Centre.

More than 100 papers were presented on topics ranging from remote area power supplies and the behaviour of equipment in a polluted environment to low loss power conversion and high speed servo-motor systems.

A feature of the conference was the many papers devoted to artificial intelligence applications in power engineering, for load forecasting and for control in uncertain conditions.

This series of conferences was initiated in 1991 at Monash University and involves power engineers from Australia, New Zealand and South-East Asia.

This year there were overseas delegates from about a dozen countries

including Singapore, Hong Kong, Taiwan, Japan, Malaysia and China.

Sponsorship has been obtained from Pacific Power, Illawarra Electricity and the Institution of Engineers, Australia as well as from the Faculty of Informatics.

This has provided support for prize paper awards as well as for two distinguished keynote speakers who have been invited to address the conference's opening session.

Professor W. Leonhard from the Technical University, Braunschweig, is one of the leading workers in motor drive control and the author of the classic text 'Control of Electrical Drives'.

He played a major part in the development of field-oriented control of induction motors where high-speed computers are used to track a magnetic field rotating at 1500 rpm within the motor.

This tracking is essential if the motor is to be used in fast response applications such as in paper-making and steel mills.

Professor Leonhard spoke on 'Recent Developments in AC Drives'.

Professor J. Nanda from the Centre for Energy Studies, Indian Institute of Technology, Delhi spoke on optimal load flows.

This technique allows a power system to be controlled so that its efficiency is maximised at all times.

The challenge is to develop a computer algorithm which can be calculated for a large and complex power system with sufficient speed that it can keep up with the continual disturbances caused by customer load changes.

The conference included two discussion sessions.

One concerned with computer software developed by conference delegates and a proposal for a regional software co-operative.

The second involved invited speakers from both industry and universities discussing what both parties should be doing to strengthen university/industry collaborative research.

The conference chairman was Associate Professor Vic Gosbell in Electrical and Computer Engineering.

DEPARTMENT OF PUBLIC HEALTH & NUTRITION SEMINAR ON

Community Based Injury Prevention - Meeting the Challenge by

Professor Bernard Guyer MD MPH

Chairman, Department of Maternal and Child Health, The
Johns Hopkins University School of Hygiene and Public
Health

*former Director, Injury Prevention Centre, Harvard School of
Public Health, Boston*

*former Director of Statewide Childhood Injury Prevention
Program,
Massachusetts*

**on Thursday, 7 October from 12.30 -1.30 pm in Building
40, Lecture Room 131**

ALL ARE WELCOME

Sign holder at main entrance

A new perspex-fronted illuminated sign holder has been erected at the University's main entrance.

The purpose of this is to display temporary signs advertising events (and their location) such as conferences, seminars etc.

The Maintenance Department (Signwriting Section) can, with sufficient notice and for a small charge, provide professional, computer-produced signs and display them.

With this new system it will no longer be necessary (nor will it be allowable) to have tatty signs stuck in the ground or attached to posts or buildings etc.

For further details contact Ian Mitchell (Signwriter), ext. 3090.

Details of signs required can be faxed to him on 843812.

Bert Halpern Lecture, 'Living with radicals', honours respected scientist

The Bert Halpern Lecture, organised by the Department of Chemistry, will be held on Thursday, 21 October.

The speaker will be Professor Athel Beckwith, FAA, FRS from the Research School of Chemistry at the Australian National University.

His lecture is entitled 'Living with Radicals'.

Organic radicals are a special class of molecule generally characterised by their high reactivity and very short lifetimes (sometimes as short as 10^{-9} seconds).

Once considered chemical curiosities they are now known to play a key role in many processes of great industrial, biological or environmental significance.

In his lecture Professor Beckwith will address a number of questions about free radicals: How does one study such transient species? Do they affect what we eat and drink? Are they involved in the development of disease? Which industrial processes involve free radicals? And many more.

The Bert Halpern Lecture was es-

tablished in 1988 as a public lecture to be presented annually at the University of Wollongong by a distinguished visiting scientist on a subject in chemistry or biochemistry.

It honours the memory of Bert Halpern, the Professor of Chemistry at the University of Wollongong from 1970 to 1980.

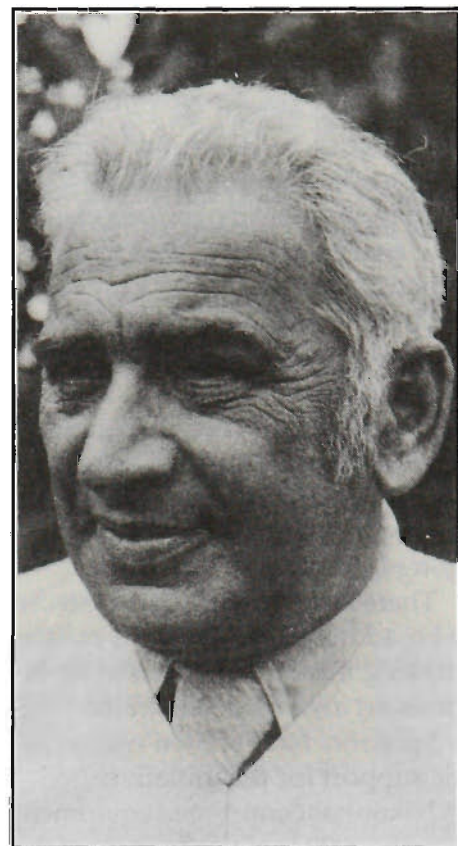
Professor Halpern's pioneering studies in amino acid, peptide and protein chemistry affected medicine, biochemistry, chemistry and geochemistry.

Among his notable achievements was the development of novel techniques for the diagnosis and study of metabolic disorders and genetic defects.

In recognition of his contributions to science, he was elected as a Fellow of the Australian Academy of Science in 1978.

The lecture will be held in the Union Function Centre, Room 40-3, University of Wollongong, from 5.30pm.

In addition to presenting the public lecture, Professor Beckwith will spend October 21 in the Department of



Bert Halpin

Chemistry and hold discussions with staff and research students.

Nurses take health to primary schools

In the final year subject in the Bachelor of Nursing, Community Development Nursing, students are given theory and practice in the issues related to primary health care - and in particular, the role of nurses.

It addresses health promotion, health education, and the skills associated with these roles in nursing.

The practical element of this year's subject involves students in actually setting up and running a health education program within the local primary schools.

The organisation skills accumulated in this process range from team and time management to political acumen and negotiation.

The education skills range from curriculum development, health education needs assessment, presentation skills and evaluation of the program.

Coordinator of the program, Tracy Macdonald, said: "Nurses are not just limited to medical and surgical nursing in acute public hospitals.

"Our students will be qualified to take nursing positions in any field.

"There is a growing emphasis throughout the community on prevention rather than remedial health care."

"Our graduates will be ideally qualified to perform very well in these areas.

"Nurses have always done this type of work but it has

been largely invisible within the health system because prevention is difficult to measure and thus the easy measurement of ill-health has taken precedence.

"Our graduates will emerge not only with the skills to empower themselves and others, but also the necessary skills in research and scholarship to remedy the problems of being invisible in a predominantly cure-oriented health service environment."

This health promotion activity will be running at the following local schools during this year:

Dapto Primary: Wednesday 20 October from 9.30am-12.30pm. Theme: Health and Illness "Keeping healthy". Thursday 21 October from 9.30-11.30am. Theme: Health Fair

Berkeley Primary: Thursday 21 October from 11am-1pm. Theme: Nutritional impact on dental health

Balgownie Primary: Thursday 21 October from 11am-1pm. Theme: Demystifying Hospitals

Scarborough: Friday 22 October from 11am-12pm. Theme: Healthy Living - Safe Living.

Keiraville Primary: Friday 22 October from 9.30am-12.30pm. Theme: Health Fair for parents. Wednesday 20 October closed staff session. Theme: management of children with health problems and/or disability in the school environment.

National Tertiary Art Prize

COUNTING THE ARTFORCE

Where do Australia's artists come from? Once the HSC is done with, how many aspiring young artists will continue?

There are almost 90 TAFEs and universities in Australia, most of which offer training in the arts.

They represent the combined creative energy of many thousands of practising artists.

The National Tertiary Art Prize is attempting to seek out and recognise these artists.

It takes the best artworks judged by individual institutions and places them in a single exhibition, this year hosted by the University of Wollongong Union.

There are three categories across a broad range of visual arts media, making this one of the most ambitious art awards in Australia.

Sponsors have shown enthusiastic support for the initiative.

Nikon has contributed equipment worth \$2000 as major sponsor of the photographic section.

The National Gallery of Australia has contributed rare prints to the value of \$6000.

There's also a special cash prize of \$2000 for the best woman artist courtesy of the Australian National Association of Inner Wheel Clubs, celebrating their silver jubilee this year.

Judging takes place on October 18.

WHO'S THE BIG WHEEL?

Who is Australia's best female tertiary student artist?

The Australian National Association of Inner Wheel Clubs wants to know.

To celebrate their 60th birthday, the Australian association has chosen to recognise the important contribution of women in the visual arts by sponsoring a prize for best woman artist in the National Tertiary Art Prize to be judged in Wollongong in October.

Inner Wheel is a friendship club which supports community projects and charities around the globe.

It is the world's largest women's organisation, and this year celebrates its silver jubilee.

The art prize brings together the best visual art from universities and TAFEs across Australia in a one-week exhibition.

There are sections for two-dimensional art, photography, and three-dimensional art, including sculpture, textiles, jewellery and montage.

The woman artist judged to be the best overall will win a cheque for \$2000 from the Australian National Association of Inner Wheel Clubs.

This weighs in with other major prizes from the National Gallery of Australia and Nikon to make this one of Australia's largest and best rewarded art prizes.

ART FOR THE ARTISTS

Student artists stand to win rare artworks from the National Gallery of Australia in the National Tertiary Art Prize to be awarded at the University of Wollongong on October 18.

In 1975 Arthur Boyd, one of the elder statesmen of Australian art, gave to the gallery a large collection of paintings, ceramic tiles, tapes, drawings and prints.

Included were 147 of his original etched printing plates.

These were used to produce an exquisite series of limited edition prints in 1986 and 1987.

Three of the prints, all signed by Boyd, will form a major prize in the tertiary competition.

Another prize will be a print collection of similar stature, the Bicentennial folio of prints commissioned in 1988 by the National Gallery and the Australian Bicentennial Authority.

The 25 artists, including Sally Morgan, Susan Norrie, Ray Arnold and Ken Unsworth, were chosen by Roger Butler, Curator of Australian Prints at the Australian National Gallery.

The National Tertiary Art Prize takes entries from more than 70 universities and TAFEs around the country.

Other prizes include \$2000 from the Australian National Association of Inner Wheel Clubs for best woman artist, and \$2000 worth of photographic equipment from Nikon for the winner of the photography section.

For further information contact Rob Reynolds, Promotions Officer, University of Wollongong, (042) 29 7833.

Cell and Molecular Seminars

October 11: The Novex seminar on Viral Engineering, given by Dr Gerry Both (CSIRO Division of Biomolecular Engineering, North Ryde). The title is 'Recombinant Adenovirus as gene delivery vehicles'.

October 25: The Phoenix seminar on Biotechnology, given by Dr Neil Goss (Biotechnology Australia Pty Ltd). The title is 'Studies of Plasminogen Activator Inhibitor Type-2 (PAI-2)'.

November 1: The Biorad seminar on Eukaryotic Recombinant Gene Expression, given by Professor Keith Williams (Dept. Biological Sciences, Macquarie University). The title is 'Expression of Recombinant protein in Dictyostelium- A new Eukaryotic host system'.

November 8: The Biorad seminar on Receptor Mediated Diversity, given by Professor John Shine (Director, Garvan Institute for Medical Research). The title is 'Receptor Mediated Diversity in the Nervous System'.

All seminars will begin at 8pm in building 35, room 105.

Leadership for quality

The Centre for Staff Development (CSD) is offering a program of management development to begin in late 1993.

It is aimed at non-professorial academic staff.

The program constitutes part of the centre's Career Development program by providing training opportunities for those academic staff who intend to pursue a career which focusses on administration as well as on teaching and research.

The program will take place over four days and will include project work in between meetings.

Staff who meet the requirements of the target group (academic staff below that of professor) are asked to fill in an application form and submit it to the centre by Tuesday 12 October.

Women are particularly encouraged to apply as half the available places must be filled by women. (This is one of the conditions in the grant from the Staff Development Fund).

The centre will aim to achieve representation from all faculties and departments where possible.

If selection between applicants is necessary the centre will select in order to achieve a balance across the University.

Through this program participants should be able to apply principles of good management and leadership in the context of an academic department.

After completing this program, participants should:

- be aware of Government policies relating to higher education;
- be capable of implementing the University Strategic Plan (currently Towards 2000) at academic unit level;
- be familiar with the organisational structure of the University including methods of access to the various support and information systems;
- understand the development of Quality in academe worldwide, including recent Government policies and their implications for the University;
- be able to develop and apply Quality Assurance and Improvement processes at Departmental level;
- have developed skills to function efficiently and effectively as a team leader;
- be aware of some approaches to handling conflict and difficult situations within the University environment; understand administrative responsibilities at Departmental level;
- be capable of representing their Department effectively in both academic and non-academic spheres;
- understand and apply principles of good industrial relations and acquire a knowledge of the implications to the University of relevant industrial awards;
- understand the legal rights and responsibilities of academic staff including EEO and Occupational Health and Safety issues;
- be sensitive to the resource potential of a culturally diverse University.

Conference on computer applications in mineral industry

The third Australian Conference on the *Applications of Computers in the Mineral Industry* is being held at Northbeach Novotel, Wollongong, this week.

The objective of this conference is to provide a forum for the presentation and discussion of issues related to the applications of computers within the mineral industry.

According to conference convener, Dr Ernest Baafi of the Civil and Mining Engineering Department, many topic areas will be covered by mostly Australian participants with interests in exploration, geostatistics, mine design and planning, mine operations and scheduling, operations research, mine environment, rock mechanics, project evaluation, health, safety and training.

The keynote address will be given by the Director of Institute of Science and Engineering, CSIRO, Australia, Dr R H Frater.

The conference dinner address will be given by Technical Director of Australian Resources and Mining, Mr Rog Swan.

As part of the technical program, four vendors of mining software – Exploration Computer Services, MINCOM, GEMCOM Australia and DATAMINE Australia – will present the capabilities of their software.

Nine software companies will also

exhibit various mining computer systems throughout the three-day conference.

The conference activities also included a full day hands-on workshop on the development of resource models on the SUN workstation.

Creative Arts Sydney festival

The School of Creative Arts is taking a festival of works to the Stables Theatre in Sydney from Friday 22 October to Sunday 24 October.

The program is:

Friday 22 October:

7pm: Official Opening by the Vice Chancellor; including a SCARP launch.

8pm: Opening 'Prophesying Backwards'.

11pm: Latenight show.

Saturday 23 October:

2pm: 'Reflections' – Prose and images combined.

5pm: Percussion Ensemble.

8pm: 'Prophesying Backwards'.

11pm: Latenight show 'Erika's Jive'.

Sunday 24 October:

Noon: 'Cantata of The Warrior Woman Daragang Magayon'.

5pm: 'Prophesying Backwards'.

Bookings on (042) 214 214.

UNIVERSITY OF WOLLONGONG

ELECTION OF TWO MEMBERS TO THE UNIVERSITY COUNCIL BY MEMBERS OF CONVOCATION

PURSUANT TO THE UNIVERSITY OF WOLLONGONG ACT, 1989 AND THE BY-LAWS, NOMINATIONS ARE INVITED FROM QUALIFIED PERSONS FOR ELECTION AS THE TWO CONVOCATION MEMBERS OF THE COUNCIL OF THE UNIVERSITY.

The term of office for the elected members shall be four years from 1 January, 1994

The Convocation members are to be elected by and from the members of Convocation. Persons who are members of the staff or students of the University are not qualified to be elected.

The persons qualified to nominate candidates are those whose names appear on the Roll of Convocation at the close of nominations. The Convocation of the University consists of the graduates of the University, the graduates of the University of New South Wales who were enrolled for at least 3 years at the Wollongong University College, graduates of the Wollongong Institute of Education and of the Wollongong Teachers' College, the past and present members of the Council, the members of the full and part-time academic staff, the full-time non academic members of staff who are graduates of other Universities and such other members as have been approved from time to time by Council on application.

A person who is entitled to be on the Roll of Convocation may inspect that Roll at the office of the Vice-Principal (Administration) Academic & Student Services Branch, during the time that the office is open. (A person who is entitled to be on the Roll but whose name does not appear on the Roll may make an application for the inclusion of his or her name; such applications should be addressed to the Returning Officer).

The persons entitled to vote are those whose names appear on the Roll of Convocation at the date and time prescribed for the receipt of completed voting papers.

WRITTEN NOMINATIONS MADE ON THE APPROPRIATE FORM SHOULD BE DELIVERED PERSONALLY TO A DEPUTY RETURNING OFFICER IN THE ACADEMIC & STUDENT SERVICES BRANCH IN THE UNIVERSITY ADMINISTRATION BUILDING NO LATER THAN 4.30pm on Friday, 22 October 1993. A receipt will be issued.

Nomination forms can be collected personally from the Academic and Student Services Branch at the University or obtained either by telephoning the University (042 - 213947) or by writing to the Returning Officer at the address given below.

K.E. Baumber,
Returning Officer
University of Wollongong
Northfields Avenue
Wollongong NSW 2522

UNIVERSITY OF WOLLONGONG

ELECTION OF THE STUDENT MEMBER TO THE UNIVERSITY COUNCIL

PURSUANT TO THE UNIVERSITY OF WOLLONGONG ACT, 1989 AND THE BY-LAWS, NOMINATIONS ARE INVITED FROM QUALIFIED PERSONS FOR ELECTION OF THE STUDENT MEMBER OF THE COUNCIL OF THE UNIVERSITY.

The term of office for the elected student member shall be two years from 1 January, 1994.

The student member is to be elected by and from persons who are enrolled as candidates proceeding to a degree or diploma in the University (other than persons so enrolled who are full-time members of the staff of the University).

The persons qualified to nominate are those whose names appear on the Roll of Students at the close of nominations. A person who is entitled to be on the Roll of Students may inspect that Roll at the office of the Vice-Principal (Administration) Academic & Student Services Branch, during the time that the office is open. (A person who is entitled to be on the Roll but whose name does not appear on the Roll may make an application for the inclusion of his or her name; such applications should be addressed to the Returning Officer).

The persons entitled to vote are those whose names appear on the Roll of Students at the date and time prescribed for the receipt of completed voting papers.

WRITTEN NOMINATIONS MADE ON THE APPROPRIATE FORM SHOULD BE DELIVERED PERSONALLY TO A DEPUTY RETURNING OFFICER IN THE ACADEMIC & STUDENT SERVICES BRANCH IN THE UNIVERSITY ADMINISTRATION BUILDING NO LATER THAN 4.30 P.M. ON FRIDAY, 15 OCTOBER, 1993. A receipt will be issued.

Nomination forms can be collected personally from the Academic & Student Services Branch at the University or obtained either by telephoning the University (042 - 213947) or by writing to the Returning Officer at the address given below.

K.E. Baumber,
Returning Officer
University of Wollongong
Northfields Avenue
Wollongong NSW 2522

Winner of St George Award

Edward Lassua-Wray, a masters honours student in the Department of Biomedical Science, has won the St George Bank Youth Endeavour Award for the September quarter in the Academic Section.

Dr Graham Ward, who sponsored him, said Edward had excellent academic ability.

He gained more than 80 per cent average Distinction in his Bachelor Honours Degree and has the ability and tenacity to excel in research, not only academically but also with flair, initiative, enthusiasm and community service.

He is showing great community spirit through his involvement with many disabled groups in his wheelchair research.

The primary purpose of his research

is to examine whether an optimal seating position can be found for each individual in their own wheelchair to permit minimal energy requirements and minimal 'huffing and puffing' when propelling the wheelchair.

This would have significant benefits for those reliant on wheelchairs as their main or only form of transportation.

As the wheelchair is a very inefficient mode of transport, large amounts of energy are wasted during wheelchair propulsion.

Unfortunately, many untrained people in wheelchairs do not have the physical ability to accommodate such energy losses over prolonged periods of time.

The result is an environment that promotes reductions in physical ac-

tivity and decreases in fitness levels.

By altering the seating position of an individual in relation to the rear pushing wheels, and by fitting the body dimensions of the user to their chair, the energy demands for pushing can be reduced.

Wheelchair propulsion would therefore be less physically demanding.

This would be of particular advantage to those who do not have great energy reserves, such as many spinal cord-injured or elderly.

A unique prototype wheelchair has been designed that is fully adjustable in multi-planes to accommodate users of different body sizes.

This means that the same wheelchair can be fitted to a young child (eg. 5-6 years), and also to a much larger adult.

This introduces the potential for significant financial savings to the user, as only one chair may need to be purchased in a child's lifetime instead of several.

As the child grows, a simple readjustment of the wheelchair dimensions is needed.

This is the only wheelchair design known that offers such features.

The wheelchair is lightweight, made of strong materials, and is fully collapsable.

When collapsed, it can be carried under the arm! The design also enables alterations in seating positions with relation to the rear drive wheels.

The wheelchair is easily converted into a free-wheeling ergometer that permits accurate measurement of propulsion workloads, resultant energy expenditures, and fitness levels.

Furthermore, an analysis of each individual's pushing patterns in their own wheelchair design is possible. This may provide feedback on how to improve their pushing performances.

This is the only research known that is addressing such disabled issues.

The initial response by the community and at the University to the wheelchair and research efforts has been one of enthusiasm and appreciation.

Edward needs to work with as many wheelchair-bound people as possible and may be contacted on (042) 21 3881.

Personnel Services deadline changes

Applications for confirmation of a continuing appointment and or for promotion to be considered at the end-of-year meeting this year must be lodged with Personnel Services branch not later the 15 October.

Because of the delay in having new documents approved and promulgated, the normal timetable contained in the documents can not be followed this year.

The Administrative Committee of Council, on 13 September 1993, approved changes to the criteria and procedures for academic staff seeking confirmation of a continuing appointment and/or promotion.

It should be noted that there were no significant changes to the criteria/definitions/percentages that were contained in the draft documents that were on the File Server, as advised by memo from Chris Grange to Deans, Heads and Faculty Officers, dated 16 August 1993.

Relevant documents may be located on the File Server as follows:

- Criteria and Procedures for Confirmation of Conversion to a Continuing Appointment. Under Public Information; Staff Matters; Academic Staff; Policies/Procedures/Inf; Doc A/Div 2- Conversion.
- Promotion Criteria and Procedures. Under Public Information; Staff Matters; Academic Staff; Policies/Procedures/Inf; Doc A/Div 3-Promotion.
- Application Form. Under Public Information; Staff Matters; Academic Staff; Pro-Formae/Forms; Appln for Conv/Prom.
- Position Classification Standards. Under Public Information; Staff Matters; Academic Staff; Conditions Documents; Position Class'n Standard; relevant Level/Levels.

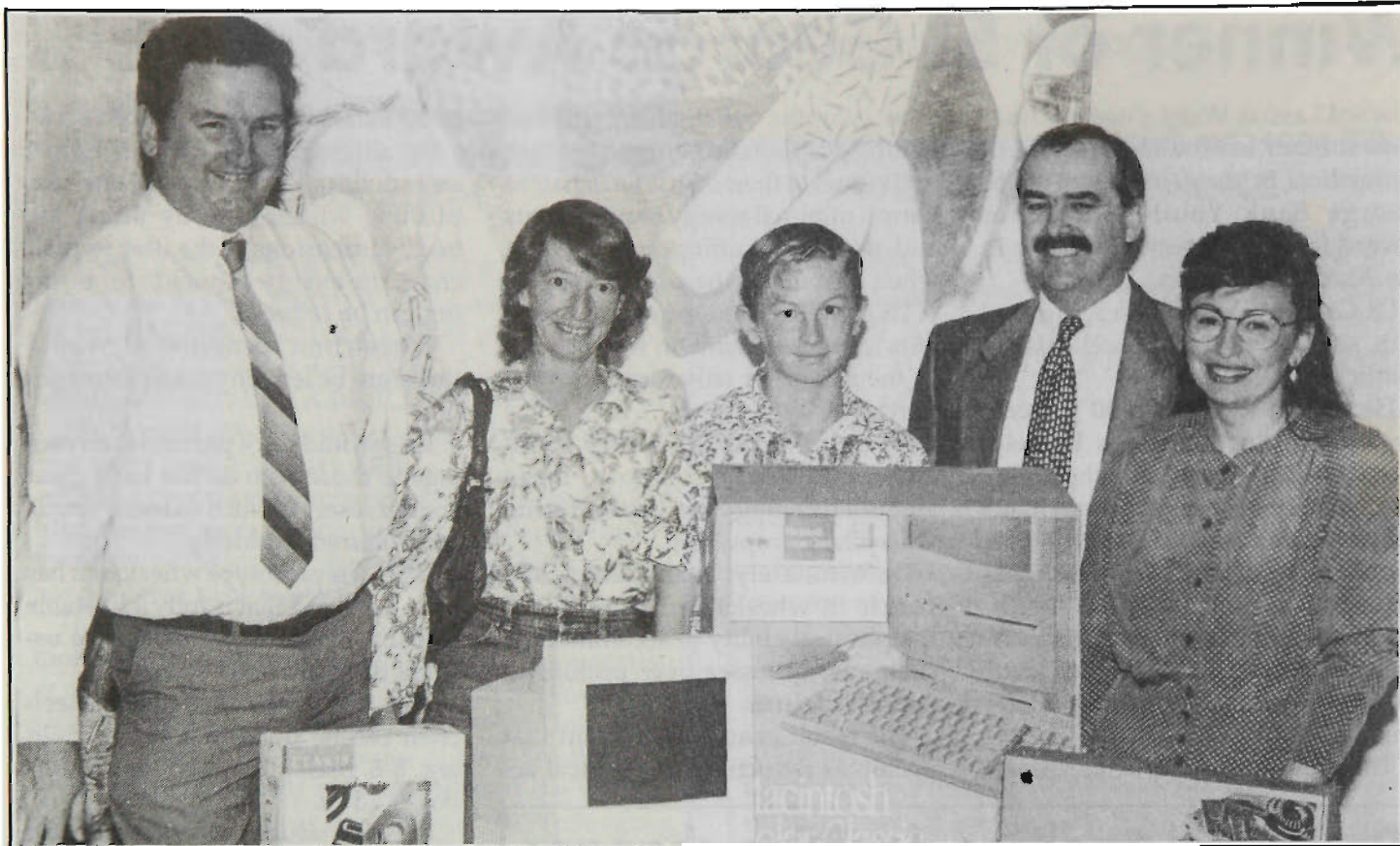
Intending applicants are strongly advised to read the documents thoroughly and to follow the recommendations contained in them.

It will be of assistance to many parties if applicants could:

- advise CSD as early as possible of details of teaching evaluations required and those to be summarised,
- send to Ross Walker in advance, details of whether an application is coming for conversion and/or promotion, details of referees and, if promotion is being sought, the allocated percentages.

This will enable him to seek reports earlier than normal.

Applicants are required to provide referees with sufficient data to enable them to write a report.



Julie and Peter Senior and their son Ken from Eschol Park, Campbelltown, will never forget the 1993 University of Wollongong Open Day. At the last moment they filled in an Open Day survey and were the lucky winners of the Apple Macintosh Colour Classic 4MB 40HD valued at approximately \$2000. They are pictured here collecting their prize with Gary Kelly (second from right), Manager of User Services of the University's Information Technology Services branch which organised the donation of the computer and Antoinette Matarranz (right) from the Friends of the University, one of the principal organisers of Open Day.

We are friendly, beautiful and professional

The most frequent comment in the Open Day survey was that the University of Wollongong was friendly, had helpful staff, beautiful grounds and was well organised.

Most responses to the question 'What was your overall impression of the University?' were positive and remarked particularly on the friendliness of the University.

Some of the comments were:

- Very friendly, first class facilities and plenty of trees.
- Friendly, helpful people, beautiful grounds and ponds, very well organised program.
- An excellent display of interesting information plus the opportunity to talk to University personnel. Information sessions very helpful indeed.
- Terrific. I want to attend this university.
- Well organised compared to (another university).
- Beautiful environment, better than last year with clear directions improved displays, better access to staff.
- Excellent facilities and modern technology and very helpful academic personnel.
- Very impressed with the level of professional help offered by staff/students

☐ The Department of Accountancy received generous support from several sponsors who donated prizes for Open Day.

The sponsors were: Lotus Development Pty Ltd, Xtree Company, ACP Computer Publication, WordPerfect House, Symantec Pty Ltd, Borland Australia, Microsoft Pty Ltd, International Computer Network Pty Ltd, ASCPA.

The winners were: Mr KC Cheng, Ms Kathie Cooper, Mr Dean Katavich, Mr Kon Jordan, Mr Raul San Juan, Ms Vidya Menezes, Ms Bianca Murphy, Mr Stuart Robertson, Mr A Sadeghzadeh, Ms Gina Spithakis, Mr Francis Tanzil, Mr Lee Terry, Mr John Stephenson, Ms Marina Veljanoska, Mr Barry Yang, Ms Laura Zaccaria and Mr Joshua Fan.

manning the displays.

- Friendly, positive, community minded, aesthetically attractive, well planned.

And last but not least:

- The best in Australia.

Most visitors came from Illawarra, southern Sydney and the Southern Highlands and there were some from Queensland and Tasmania.

The most popular displays, according to the survey, were the Magic Chemistry Show, Creative Arts and Geology.

Some constructive suggestions were received.

These included holding more than one Open Day a year, holding it over

two days because there is so much to see, having more guided tours, and the perennial request, more signposting.

The Department of Applied Statistics held two competitions for school students.

Prizes awarded for correct entries were gift vouchers to be used at the Science Centre Shop and free entry to the Centre.

Winners in the junior competition were Carlos and Raphael à Beckett-Vallejos of Kiama and Cameron Rickersey of Mount Kembla.

In the senior competition winners were Sophia Dichomides of Towradgi and Melanie Jackson of Surf Beach.

General

8-10 October: **Australia's fourth law and literature conference**, hosted by Wollongong University's law school. Distinguished US law and literature scholar, Richard Weisberg, will be the keynote speaker. Other speakers include Chris Masters from *Four Corners*, John Slee, *SMH*, Janet Fife-Yoemans, *The Australian*, legal commentator Chris Murphy and former ombudsman George Masterman. For further information and registration contact Penny Pether, phone 21 4293 or Robyn Handley, phone 21 3726.

15 October: **Education Seminar**, Dr Jane Kenway, Deakin University. 'New Education in New Times: the implications of marketing education', 12.30-2pm, Bldg 22, Rm 108. Enquiries Jan Wright, ext 3664.

9-10 November: **International Conference on Islamic Banking**, organised by the University's International Business Research Group and sponsored by Al Baraka Investment And Development Co., Jeddah, Saudi Arabia. Venue: The University Centre, Sydney. Enquiries: Dr Nelson Perera, phone 21 4028.

What's On

10 October: **Annual University Service** at 7pm at St John's Anglican Church, Eastern St, Gwynneville. The preacher will be the Rt Rev Dr Reg Piper, the new Bishop of Wollongong.

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

Human Experimentation Ethics Committee meeting dates with agenda deadlines in brackets are: 16 November (2 November); 21 December (7 December).

Undergraduate Studies Committee meeting dates, with agenda deadlines in brackets, are: on the following dates: 9 November (26 October). Submission to Trevor James, ext. 4457, by 5pm of deadline date.

Considering further study or just some recreational reading? Visit the **Campus Alumni bookshop** and gallery book sale at Campus East, Fairy Meadow. The stock of used books covers: Science & Engineering, Social Sci-

ences, Arts & Music, Education, Fiction & Non-Fiction, Young Readers' Stories & Classics. Open every fourth Saturday and Sunday of the month from 1-5pm, the bookshop is located at Cowper Street, Fairy Meadow (opposite the Science Centre). Your donations of any material are invited. These may be left any weekend afternoon at the Science Centre (Please mark 'Booksale'), or The Library or Students Enquiry Desk during the week.

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

Stop Press

Safety Week 1993

The University's Occupational Health and Safety Committee has identified 11-15 October as the University of Wollongong's Safety Week.

Several activities, displays and talks are scheduled for the week. These will be advertised on Email.

Occupational Health and Safety has a significant impact on our lives. The University promotes the active involvement of all staff and students in attaining and maintaining a safe and healthy environment for all staff, students and visitors of the University.

If you have any concerns about these issues, contact Safety Coordinator Jeff Owers, ext. 3204.



An International Conference at

NOVOTEL BRIGHTON BEACH, SYDNEY, AUSTRALIA

17-19 November 1993

For a brochure and registration, contact Centre for Transport Policy Analysis, (042) 213 683

Plenary session includes an address by the Vice-Chancellor Professor Ken McKinnon, titled Ocean of Wealth for Australia and Asia



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martin morris & jones

Major Auction — October 16th.

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AUCTION DETAILS

Saturday 16th October 1993 at 10:30 am
City Pacific International, Burelli Street, Wollongong



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morris
& jones**

299 Crown Street,
WOLLONGONG
(042) 29 5555

16 Bong Bong Road,
DAPTO
(042) 61 3822

299 Princes Hwy.,
BULLI
(042) 85 2444

4/2 Kembla Street,
BALGOWNIE
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