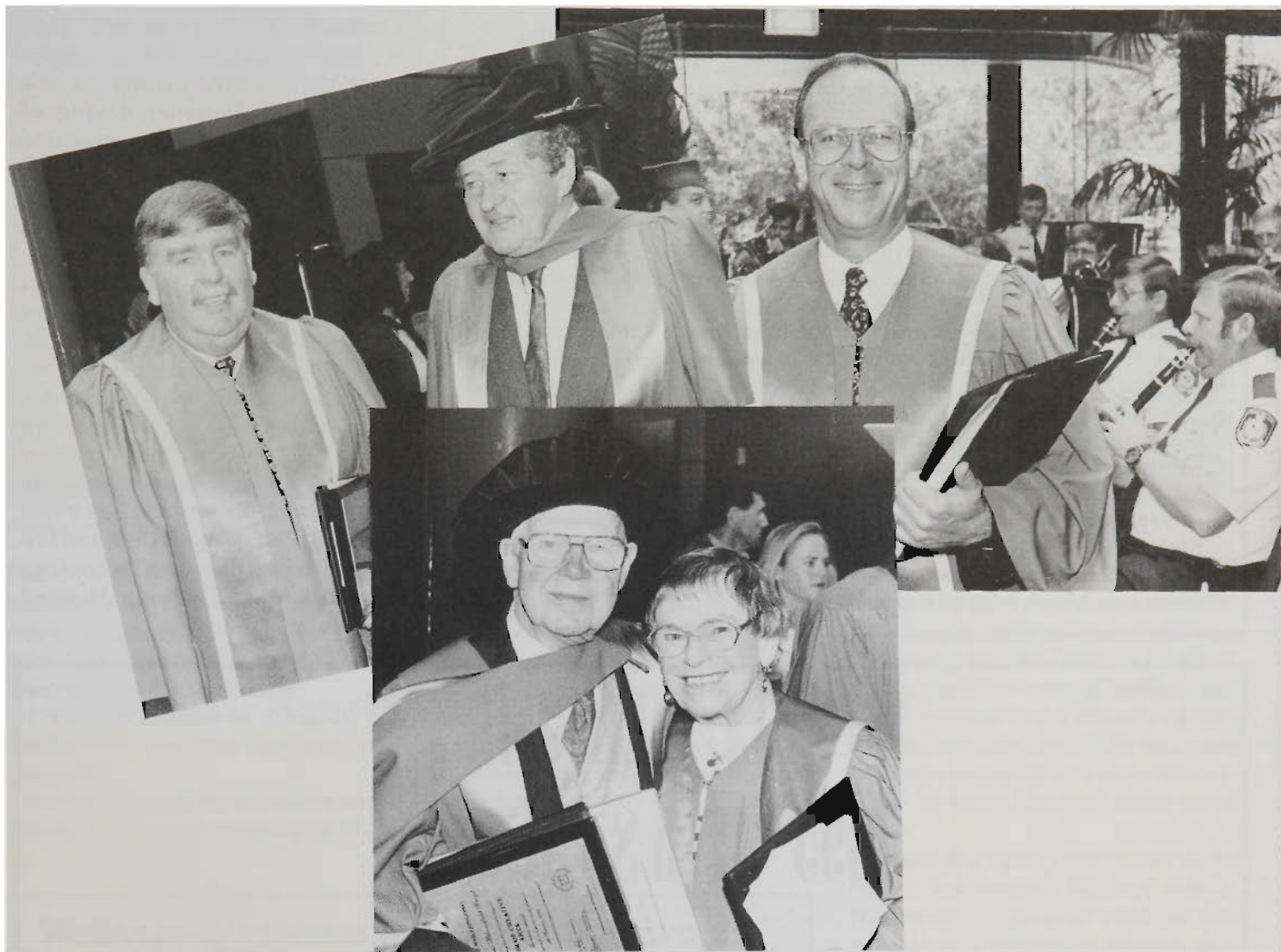


CAMPUS NEWS



Back: Lord Mayor David Campbell, Professor Hal Wootten, Mr Grahame Parker. Front: Mr Arthur Boyd, Ms Mavis Miller. The Police Band contributed to the ceremony on 6 October when several members of the NSW Police were graduating.

University honours outstanding achievements

The University paid tribute to outstanding achievements in the arts, law, industry, local government and service to the University during the graduation ceremonies earlier this month.

The Lord Mayor of Wollongong, Mr David Campbell, was admitted as a Fellow of the University in recognition of his many years of hard work in promoting the City of Wollongong and the achievements made under his leadership.

Former Justice of the Supreme Court of NSW and founding Dean of Law at the University of NSW, Professor Hal Wootten, was awarded Doctor of Laws (honoris causa) for his achievements in legal practice and legal education.

His work included providing a model for a new generation of law schools in universities across Australia including that established six years ago at this university.

Mr Grahame Parker was admitted as a Fellow of the University for his work with BHP and his dedication to business and community groups.

One of the nation's leading artists, Australian of the Year and resident of Shoalhaven, Mr Arthur Boyd, was awarded the degree of Doctor of Creative Arts (honoris causa).

Life member of the Friends of the University, Mavis Miller, was admitted as a Fellow of the University in recognition of her active and dedicated interest in community affairs and contribution to projects at the University.

Academy Fellowships for two Wollongong professors

The prestigious Academy of Technological Sciences and Engineering has elected Professor Stephen Hill and Professor Tibor Rozgonyi to its Fellowship.

The honours came at the Academy's annual general meeting in Melbourne on 16 October.

Both professors are on leave, Professor Hill as Director of the Jakarta based UNESCO office for South-East Asia (Campus News, 21 June) and Professor Rozgonyi as Vis-

iting Professor at the famous Colorado School of Mines, USA.

Part of the citation relating to Professor Hill read, 'Outstanding contributions at the interface between technology and society... He is much in demand via UNESCO in Asian countries and has made major contributions to Australian Government departments such as DIST and DEET.'

Professor Rozgonyi's citation read, 'Outstanding achievements in Mining Engineering and commercially-beneficial contributions to the efficiency of Fleissner drying of lignites. Significant improvements to deep direction-controlled drilling for in-site gasification of coals and to rotary water jet mining of lignites and oil shales.'

Other Fellows of the Australian Academy of Technological Sciences and Engineering within the University of Wollongong are the Deputy Vice-Chancellor, Professor Peter Robinson; Director of the Centre for Bulk Materials Handling, Professor Peter Arnold; Director of the Centre for Superconductivity and Electronic Materials, Professor SX Dou; and Scientific Adviser, Illawarra Technology Corporation Ltd, Professor Howard Worner.

Civil Engineering students feature prominently

National Engineers Week was held by the Institution of Engineers, Australia last month.

To mark this week a series of events were held involving the culmination of university student competitions.

The opening of National Engineers Week at the Powerhouse Museum in Sydney on 3 September was highlighted by the inaugural Paddle Pop Bridge Competition for Civil Engineering students in NSW. This competition involved students building a small-scale bridge from Paddle Pop sticks and glue.

Second year Civil Engineering students, Michelle Carusi and Bryce Robertson, came 10th from more than 50 entries from all universities throughout NSW and Queensland. Their entry weighed 98g and withstood a load equivalent to 137kg giving a strength/weight ratio of 1400.

Stephen Lloyd, a third year Civil Engineering student, who initially won the campus heats of the public speaking competition, went on to win the Sydney Divisional Finals at Harrick's Auditorium at Milsons Point, Sydney on 7 September again as part of National Engineers Week.

Stephen won \$500 as first prize for his presentation on 'Why engineers are not boring'. Stephen will attend the National Engineering Conference in Darwin next March with all expenses paid.

**** ALL WELCOME ****

1995 17th Sir Richard

KIRBY LECTURE

IN INDUSTRIAL RELATIONS

will be presented by

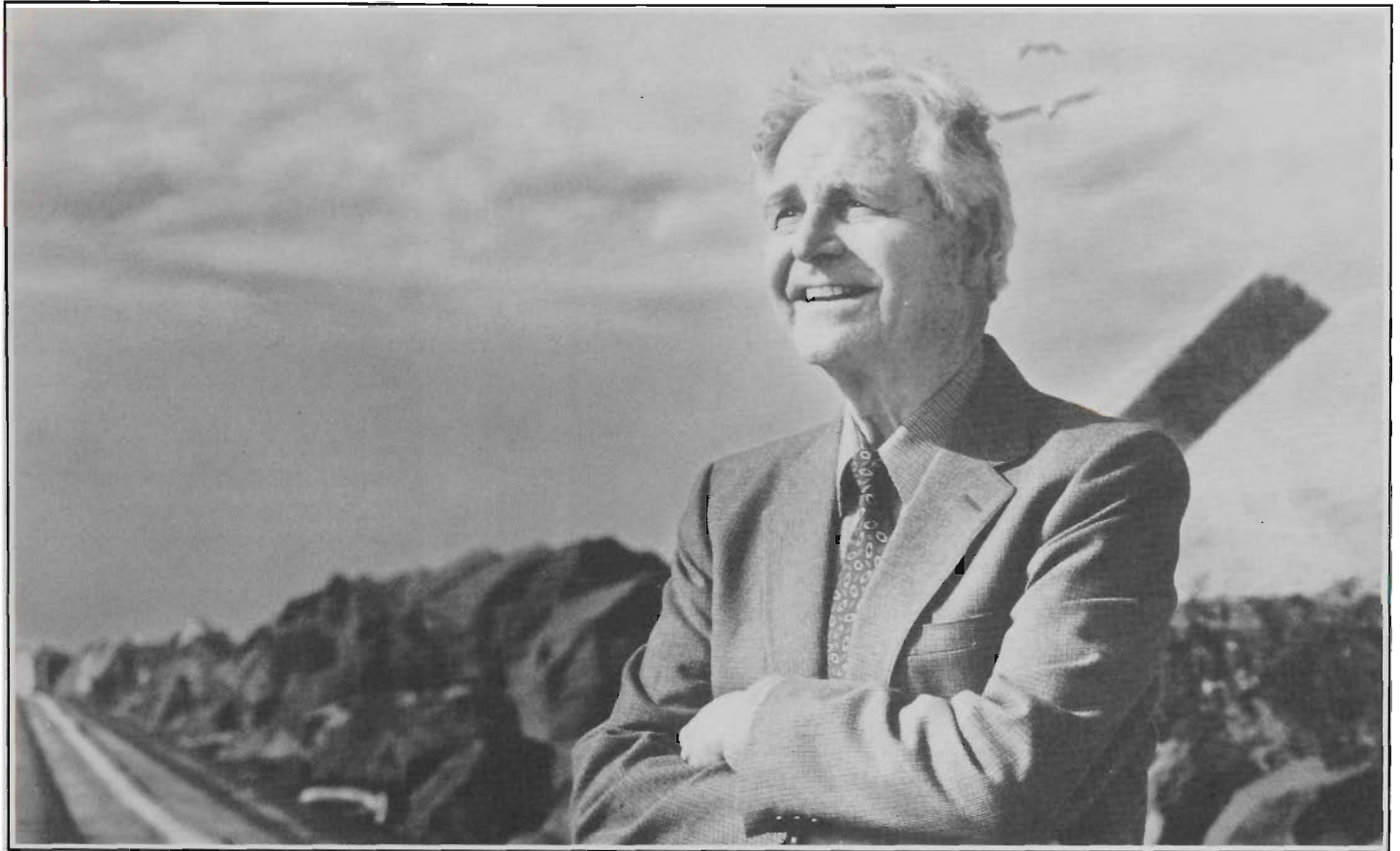
The Right Honourable Mr Jeff Shaw
NSW Attorney-General and Minister for Industrial Relations

on

Wednesday, 8th November, 1995

McKinnon Building (67.104)
University of Wollongong

Further honours for Howard Worner



Professor Howard Worner

Professor Howard Worner, the man who came to Wollongong in 1986 to retire, continues to attract high honours from prestigious national and international organisations.

Professor Worner is a highly respected and admired figure on this campus.

Fortunately for the scientific community and the University of Wol-

longong, he did not retire but continued his pioneering work here in many scientific and engineering areas.

These include microwave energy and the development of the EnvIRONment Process which combines sewerage and steel works dust to produce iron ore.

His present role is Scientific Ad-

viser to the Illawarra Technology Corporation.

Among those organisations that are honouring him this year is his alma mater, the University of Melbourne, which is convening a three-day international symposium in July next year dealing with injection pyrometallurgy which he helped pioneer in the early 1960s.

This is the third symposium to be held in his honour. The first was in Newcastle in August 1988 by the Australian Institute of Mining and Metallurgy in conjunction with the University of Newcastle.

The second was organised by the University of Wollongong in conjunction with the Australian Academy of Science and the Australian Academy of Technological Sciences and Engineering to celebrate his 80th birthday in 1993.

La Trobe University, Bendigo College, has also joined the ever increasing list of institutions to pay tribute to the visionary work of this most distinguished metallurgist.

They have created the Howard Worner Research Lectureship. The inaugural lecture was delivered at the college on 10 October.

Wollongong's success in APA industry awards

The University of Wollongong continues to enhance its research profile.

The University is now ranked fourth nationally and second in NSW for the total number of Australian Postgraduate Awards (Industry) APA (I) awards with 33 awards. Melbourne University has 51, University of NSW 43, Queensland University 35.

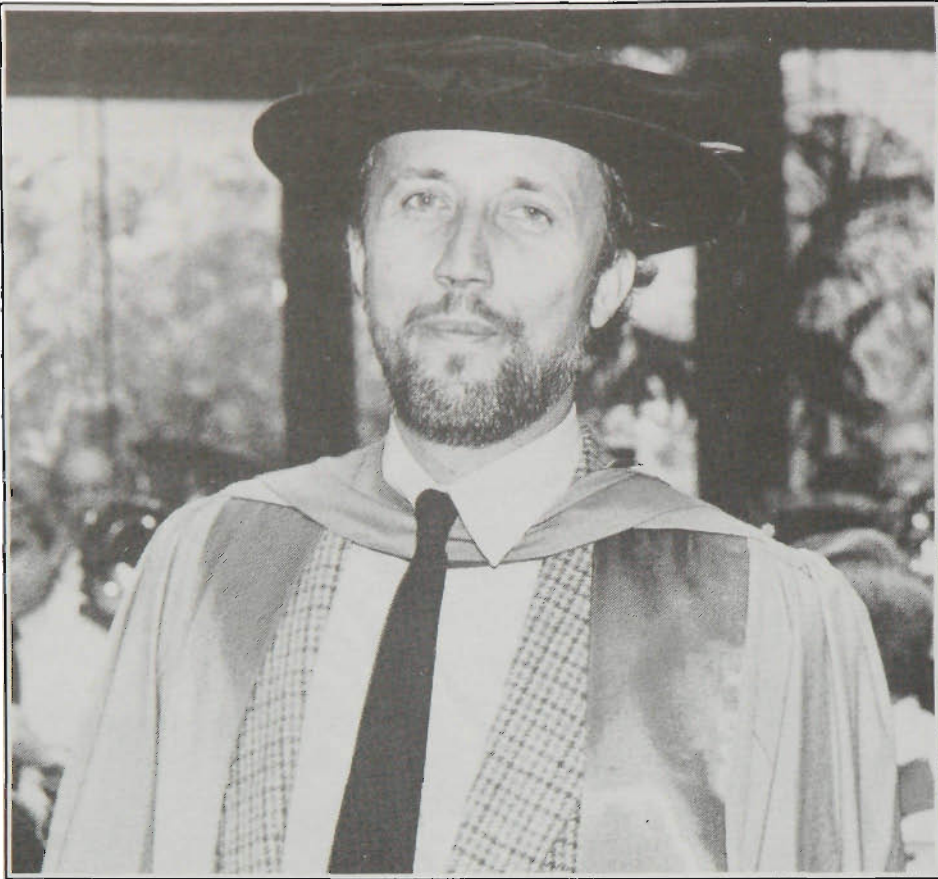
The Minister for Employment, Education and Training, Mr Crean, recently announced the allocation of the APA(I) for 1996.

The University of Wollongong had five successful applications which are to receive funding for 1996-1998.

These were: Professor R. Barry (2) - Psychology; Dr A. Davis - Biological Sciences; Professor J. Morrison - Environmental Sciences; Associate Professor D. Ayre - Biological Sciences

The Federal Government will spend \$3 million on the 1996 awards with industry partners spending \$1.5 million.

The awards were introduced in 1990 to improve research links between universities and industry.



Congratulations to graduating staff

University of Wollongong general and academic staff are always well represented at each graduation ceremony.

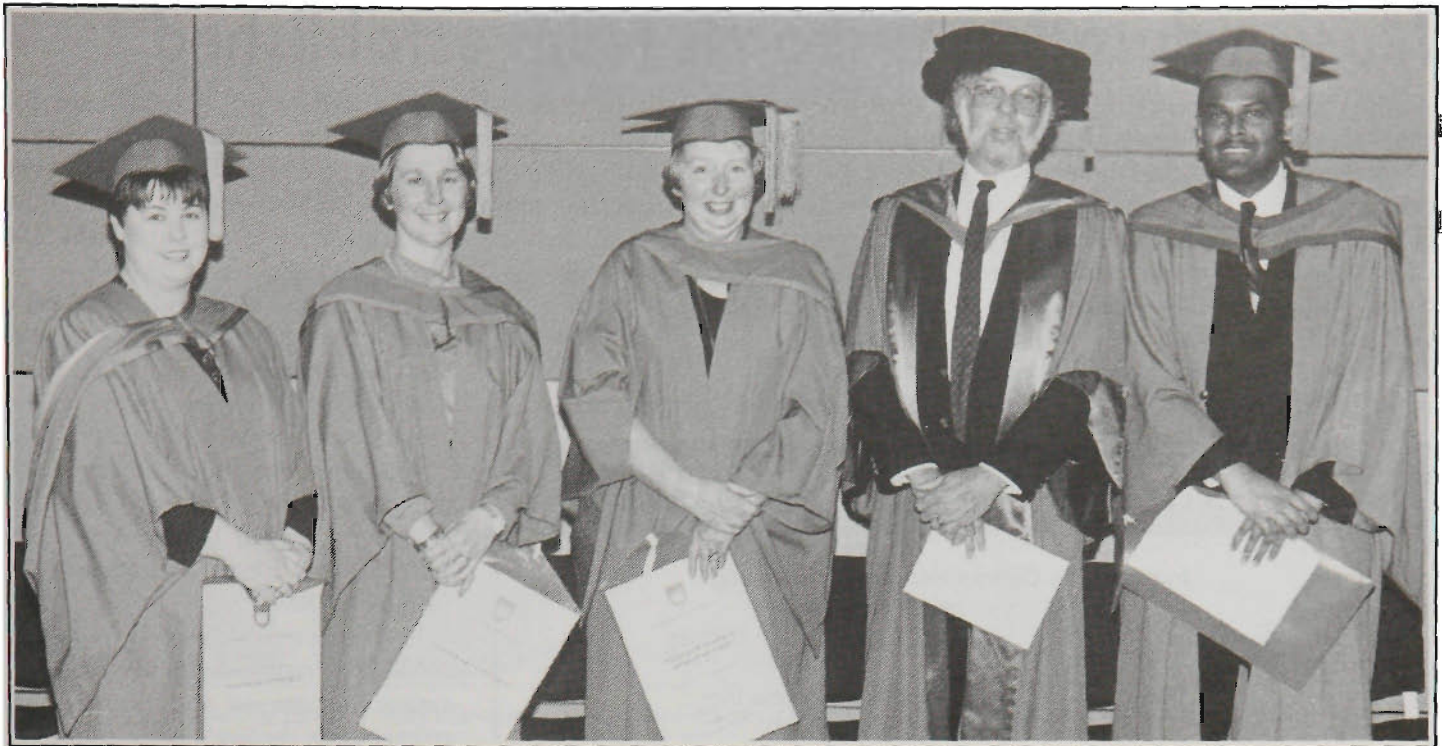
Many staff are undertaking undergraduate and further study as well as handling full-time work commitments.

Campus News extends congratulations to all staff who graduated in the October ceremonies

Michael Zanko, Department of Management, graduated Doctor of Philosophy



Sharon Nightingale from the Department of Materials Engineering was congratulated by her sons, Craig and Jabe, after she received her Doctor of Philosophy.



ABOVE: Staff from the Department of Accountancy were well represented at the graduation ceremony on 6 October. Kathy Rudkin and Helen Irvine graduated Master of Commerce, Helen Tibbits graduated Master of Business Administration with merit, Robert Williams received his Doctor of Philosophy and Hemant Deo graduated Master of Commerce (Honours)



LEFT: Lindsay Duncan, Doctor of Creative Arts and Ian Gentle, Master of Creative Arts from the Faculty of Creative Arts graduated on 5 October.

Australian Computer-Human Interaction Conference

The Australian Computer-Interaction Conference (OZCHI) will be held at the University of Wollongong from 27-30 November.

This is an annual national conference devoted to the interchange of work and ideas between researchers and practitioners in the area of Human-Computer Interaction.

This year nine tutorials and four workshops will be offered representing a broad range of topics.

Maximum attendance at each tutorial is limited because of the nature of the presentation.

Tutorials will be filled on a first-come, first-served basis, and traditionally the majority of tutorials have filled quickly.

Those interested in attending workshops should contact the presenters by 27 October.

In most cases a short position paper will be required from which the presenters will select participants

Pre-conference tutorials and workshops

for the workshop.

Tutorials are:

1. A Participatory Methodology for Driving OO GUI Design from User Needs: Tom Dayton and Al McFarland (Belcore, USA).

2. The Usability Engineering Lifecycle: Gitte Lindgaard (Australia).

3. Imaginary Interfaces: David Comberg (New York).

4. Interface Design for an Interactive Conference Proceedings: Sandra Wills and Beth Cavallari (EMS, Wollongong).

5. Interfaces for Interactive Learning Software: John Hedberg, Barry Harper, Susan Metros (Wollongong).

6. A Methodology for Designing

Collaborative Systems (CSCW): Igor Hawryszkiewicz (UTS, Australia).

7. Cognitive Issues in HCI: Tom Hewett (Drexel, USA).

8. Multimedia Interface Design: Jim Alty (LUTCHI, UK).

9. Interaction Design: Nathan Shedroff (Vivid Studios, USA).

Workshops are:

1. Teaching HCI – Current Perspectives and Innovations: Penny Collins and David Walker (Canberra).

2. Executive Information Systems: Helen Hasan (Wollongong) and Holos Management (Sydney).

3. Gender Issues and IT: Joan Cooper (Wollongong).

4. Making Usability Work for Organisations: Janis McKange (VisionDesign), Helen Kieboom (Hiser).

Inquiries: Conference organisers, phone (042) 213 757, fax (042) 214 474.

Music education research team established

At the recent conference held by the the Association of Music Education Lecturers (AMEL) at the University, a research team comprising academics in music education at the University of Newcastle, University of Western Sydney, Macarther, University of Sydney and Dr Nita Temmerman from the University of Wollongong was established.

The team will submit large-scale grant applications to relevant arts bodies in order to further research into the area of music teacher attitudes, competencies and confidence, the effects on curriculum implementation and the implications for the professional development of the music educator.

Each member of the team al-

ready has been responsible for national and international publications into specific aspects of the topic area as it relates to the Australian scene and that in the UK and the USA.

The conference also decided on a name change to reflect better what the association does and the changing role of the national conference and the activities of its members.

The name has changed from from the Association of Music Education Lecturers (AMEL) to the Australian Association of Research in Music Education (AARME).

The conference decided to extend AARME's network and further increase the national and international connections through such initiatives as the establishment of a home page on the World Wide Web.

The conference elected a new executive: President, Ms Vanda Weidenbach, University of Sydney; Secretary, Dr Nita Temmerman, University of Wollongong; Treasurer, Associate Professor Robin Stevens, University of Melbourne.

Degrees of Quality

Invitation to Course Information Evening

7pm, Wednesday 29 November
The University Centre, 210 Clarence Street, Sydney

Discover our postgraduate programs in:

Total Quality Management (TQM)
Maintenance Management Systems Engineering

Study options include:

University of Wollongong Campus University Centre, Sydney
PAGE (Distance Education) One week blocks
Short courses and workplace-tailored courses

RSVP before 24 November or call for a complete course brochure:
Faculty of Engineering
Tel: (042) 213 491 Fax: (042) 213 143



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, 1996. **The Convocation members are to be ELECTED by and from the members of Convocation other than those who are members of the staff or students.**

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.

The persons qualified to NOMINATE candidates are those whose names appear on the Roll of Convocation at the close of nomination. A person who is entitled to be on the Roll of Convocation may inspect the Roll at the office of the Secretariat, Academic & Students 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 20 OCTOBER 1995. 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 (042-213573) or by writing to the Returning Officer at the address given below.

KE 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 as the student member of the Council of the University.

The term of office for the elected member shall be two years from 1 January, 1996.

The student member will be elected by and from persons whose names appear on the Roll of Students. The Roll of Students consists of all students enrolled as candidates proceeding towards a degree or diploma except full-time staff of the University.

The persons qualified to nominate candidates are those whose names appear on the Roll of Students at the close of nomination. A person who is entitled to be on the Roll of Students may inspect the Roll at the office of the Secretariat, Academic & Students 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.)

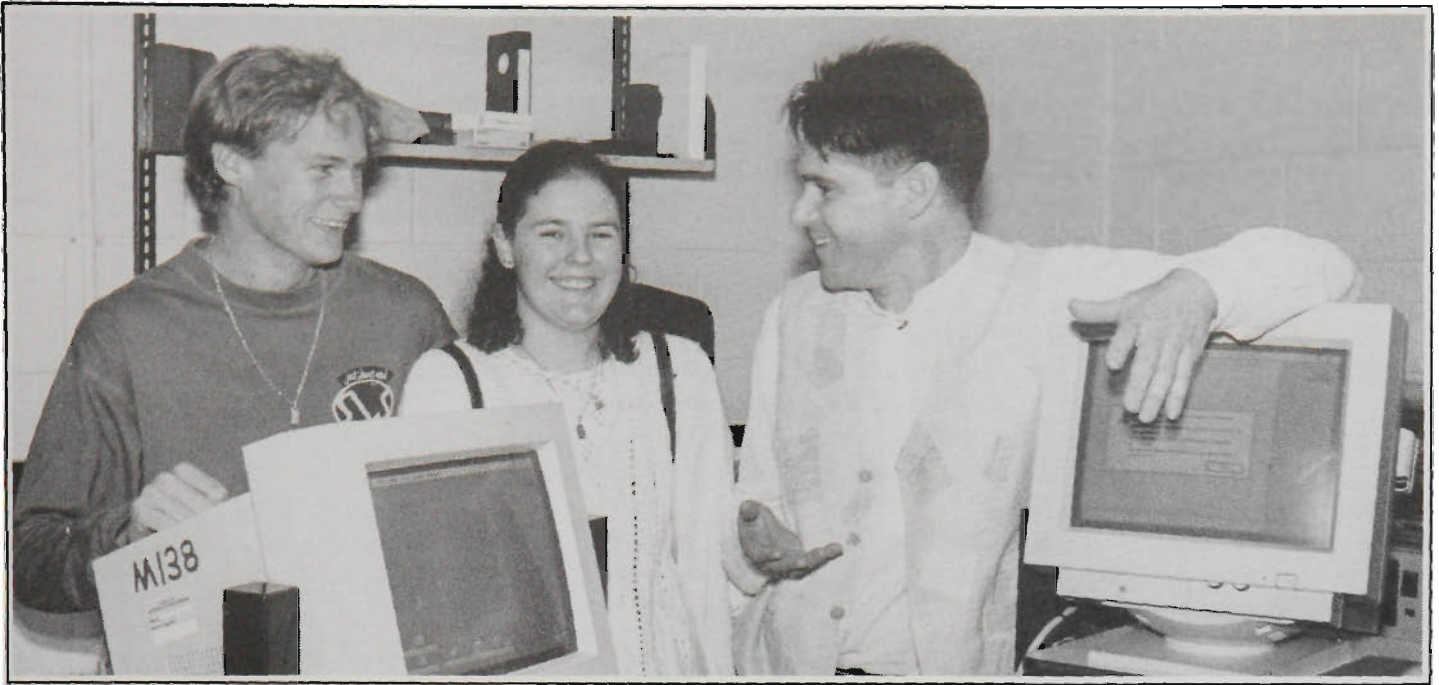
The persons entitled to vote are those whose names appear on the Roll of Students at the date and time prescribed for the receipt of completed voting papers.

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 4.30PM ON 20 OCTOBER 1995. A RECEIPT WILL BE ISSUED.

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Returning Officer

University of Wollongong
Northfields Avenue
Wollongong NSW 2522



Paul Sharkey and Aleisha Herbert from Wallsend High School, Newcastle met Graham Phillips, presenter of the ABC's 'Hot Chips' program at the Information Technology Spring School. Paul and Aleisha are both Year 11 students undertaking Computing Studies. Paul is quite advanced in his knowledge of computing, so is already studying the Year 12 component of the Computer Studies HSC program.

A taste of the future for Year 11 students

Graham Phillips, computer journalist and presenter of the ABC's computer program 'Hot Chips', set a stimulating tone for the Spring School on Information Technology held at the University during the last recess.

Mr Phillips presented a scenario for the future outlining the amazing potential that information technology has to change our lives.

After his address, the audience of more than 80 Year 11 students from

all over the state moved on to workshops and tours which gave them the opportunity to experience some of this emerging technology first hand.

This included talking via E-mail with students in Obnisk, Russia and through video conferencing with students in Oregon, USA, site tours of technology in the workplace and sessions using the Internet.

The 1995 Spring School in Informa-

tion Technology organised by the Department of Information Technology and Communication is believed to be the only school of its kind in Australia.

A planned enrolment of 50 was stretched to 80 when the response was so high.

As in previous years students were generous in their praise of the school and enthusiastic about what they had covered during the three days.

At its meeting held on 6 October 1995, the University Council:

- Received and approved the major recommendations of the Working Party on Internationalisation noting that they would be referred to Council for subsequent approval where specific funding was required. A University Internationalisation Committee was established, as recommended, to monitor internationalisation policy and development. All sectors of the University community would be represented on the Committee which would be chaired by the Pro Vice-Chancellor (Research).
- Received the 1996 Subject Summaries.
- Approved the Revised Guidelines for Minimum Enrolments, allowing the Dean discretion to decide

Council News

- whether a subject could be offered below the minimum level. Contact: Donna West, ext. 3079.
- Approved an amendment to the Course Rules concerning the award of honours grades for Science degrees.
- Approved the University Grievance Resolution Procedures with the exception of the Dispute Settlement Procedures which had been referred back by the Academic Senate for further consideration. Contact: Maxine Lacey, ext. 3917.
- Approved a revision to update the structure of the Academic Review Committee.
- Approved 1996 Course proposals for the Faculty of Education; Fac-

ulty of Engineering and Faculty of Health and Behavioural Sciences. Contact: Donna West, ext. 3079.

- Approved the 1996 University Budget and authorised the Vice-Chancellor to determine the basis on which the 2 percent levy will be returned to the Faculties.
- Approved the 1996 Wollongong Conservatorium of Music Budget.
- Approved the 1996 Fee Schedule and Budget for the Recreation and Sports Association.
- Noted a report on staff development programs and approved additional funding support.

Council also noted with great regret the sudden death of Professor Russell Linke, a former Dean of the University's Faculty of Education, and offered its sympathy to his family and friends.

General

The Campus Alumni Bookshop is open on the second and fourth weekends of each month. Campus East, Cowper Street, Fairy Meadow (opposite Science Centre). All proceeds directed towards campus projects. Donations of material are invited. Enquiries to Alumni Office, phone 213 249 or 291 951.

7-9 November: Business and Economic Development in Middle Eastern and Mediterranean Countries. This international conference is being run by the International Business Research Group. Venue: The University Centre, 210 Clarence St Sydney. Enquiries: Mokhtar Metwally, Dept of Economics, University of Wollongong. (042) 214 017 Fax (042) 213 725.

Long Gallery

Exhibition program for 1995:

Until 5 November: Archaeologies: Structures of Time, Diana Wood Conroy and Sharon Marcus. Recipering: Katharine Nix. Pathways: Paper works by Ian Arcus.

Public participation wanted for conference on surveillance

A conference will be held at the University of Wollongong on Sunday 26 November from 10am to 5pm to bring together people to share their ideas, experiences and concerns about surveillance.

Informal, small group discussions will cover issues such as hidden cameras, data bases, telephone tapping, electronic mail security and identification numbers.

The conference will analyse why surveillance occurs? who benefits? who loses? who has the power to implement surveillance? what are the alternatives? and who should be watching whom and how?

A conference fee of \$20 includes lunch and morning and afternoon tea.

To register, or for further information contact Brian Martin at the University on 213 763 or 297 393 at home, Ann Aungles 213 745, Richard Joseph 213 606 or Graham Sewell 213 642.

Campus News is published weekly on Wednesdays. Send material, preferably by Microsoft Mail or on disk, to E-Mail account 'Campus News' by noon on Monday of the week before that of publication.

For any other enquiries contact the Editor, Gillian Curtis (042) 21 3926. Campus News has a circulation of 3000. It is distributed on campus to staff and students. 1000 are mailed to the community and overseas including schools in Illawarra, southern Sydney and Canberra; local, Sydney and Canberra media; Friends of the University; business representatives; MPs and numerous individual requests.

What's On

13 November – 10 December: BCA graduating exhibition.

University Staff Club

21 October: Sydney Harbour cruise on the barquentine 'Svanen' (May be booked out but enquire).

8 November: BBQ lunch, McKinnon Dining Room.

Become a member and enjoy a variety of social events. A chance to meet others across the campus Contact Jim McKee by E-Mail or ext 3376.

Union Activities

18 October: Uni Movies - 'First Knight' and 'Jury Duty'. Yum cha in the Bistro, noon-2pm, \$8.

19 October: Yum cha in the Bistro, noon-2pm, \$8. Ian Cooper and Ian Dale perform jazz in the Function Centre.

20 October: Yum cha in the Bistro, noon-2pm, \$8. Uni Movies - 'Death and the Maiden'

24 October: Talent quest heat two in

the Union Hall foyer, 12.30-1.30pm.

25 October: Uni Movies - 'Apollo 13' and 'Village of the Damned'.

26 October: Face Plant and Christ Art Museum play at Uni Tavern.

27 October: Uni Movies - 'Hard Boiled' in the Union Hall.

31 October: Talent quest final in the Union Hall foyer, 12.30-1.30pm.

1 November: Uni Movies.

8 November: ABC concert, Don Spencer in the Union Hall. \$6 a ticket (or \$5 for groups of 20).

24 November: Henry Rollins and Babes in Toyland, all-ages concert. \$25 Wollongong Uni students. \$30 guests.

23 and 30 October: Meditation for students. Free classes. 12.30pm or 7pm Kemira Room, Union. Presented by the University's Sri Chinmoy Meditation Society.

Stop Press

CONCERT FOR CHILDREN

On Wednesday November 8, Kids Uni will be presenting Don Spencer in the University Union Hall. At 10am is a show for under 5's and at 11.30am a show for the 5-9 year olds.

Tickets are \$6 each or \$5 for group bookings. Parking will be free on the day. All enquiries and sales to the Union Office on 297833 or internal extn 3781.