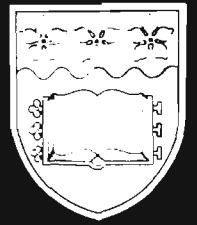


# UNIVERSITY OF WOLLONGONG CAMPUS NEWS



Number 5

Wednesday, 8 April 1992

## Agreement reached on first off-shore degree courses



*The photograph shows signing of the contract by Director Personnel, P.T.Krakatau Steel, Ir. Musdiono, and Vice-Cancellor, Professor Ken McKinnon. Others present are P.T.Krakatau Steel's Manager Organisation Planning, Mr Tarbin, (seated) and standing Head Department of Materials Engineering, Associate Professor Noel Kennon, P.T.Krakatau Steel's Deputy Manager Training Centre, Mr Hadait, and Professor Nick Standish of the University*

Agreement has been reached between the University of Wollongong and PT Krakatau Steel, Indonesia, for the provision of a Postgraduate Diploma in Materials Engineering and an Honours Master in Engineering by research, to their engineers and metallurgists.

The Postgraduate Diploma will be undertaken by the non-metallurgical engineers to equip them with the

elements of the principal business of the company, i.e. the manufacture of steel from the iron ore to the final product. As far is known, this is the first time in the world that such an initiative has been taken by industry.

The Master's Course will be undertaken by the metallurgical engineers to equip them with specialist knowledge of the many processes involved in the production of the

various steel products taking place in the company's steelworks and subsidiaries, and those being projected for the future.

The additional parties involved in this initiative are the Illawarra Technology Corporation and the Faculty of Engineering of Universitas Tirtayasa, who will provide the necessary facilities and staff to enable the courses to run in the approved way.

## Brief News

Executive director of the University's cooperative education programs and former Executive Officer of the NSW Department of Education sponsorship advisory group, Peter Rose, spoke at the Monaro District Council of P&C Associations' Sponsorship Seminar on 1 April.

Students must check the provisional timetable displayed on noticeboards around the campus and notify the Student Enquiries Office of examination clashes by Friday 8 May for Bachelor of Education (Primary) and Bachelor of Education (Physical and Health Education) students; and Friday 15 May for all other students.

The final examination timetable will be published on Friday 15 May for Bachelor of Education (Primary) and (Physical and Health Education) courses; and Monday 25 May 1992 for all other courses.

Examinations will be held between Monday 1 June and Friday 12 June for Bachelor of Education (Primary) and (Physical and Health Education) students; and Saturday 20 June and Saturday 4 July for all other students.

Examination results for autumn session 1992 subjects will be posted to each student's registered term address on Friday 17 July.

Results for double session subjects may be issued by the relevant Academic Unit. Students should ensure that the University has their correct address before 10 July.

Examination results will also be displayed in the Pentagon Foyer on Friday 17 July from noon.

Students who have not paid outstanding charges to the University, such as library and parking fines, student loans and other charges by Friday 10 July will have their examination results withheld.

Where outstanding charges are paid

**The Illawarra Performing Arts Centre has begun rehearsals for its July production of Sigmund Romberg's 1920s classic *The Desert Song*.**

A strong cast of Wollongong and Sydney actors and singers has been engaged, but extra singers are needed for the male chorus.

Rehearsals are Mondays at 7.30pm in the Illawarra Performing Arts Centre. If you are interested contact the musical director, Peter Shepherd, tel. 21 3587 or contact the centre, tel. 26 3366.

*Commerce student and Administrative trainee Janine Grey models an outfit from Niagara*

In response to a suggestion by Mickey Foulds, Executive Officer of the Friends of the University, that students may like to become involved in community projects, the Welfare Officer of the Students Representative Council, Lylea McMahon, proposed that the first Flame Tree Fashion awards be held to promote local designers and to raise funds for a local charity.

The awards were judged at a highly successful function on 17 March at Splashes Nightclub at Northbeach Parkroyal, which raised \$2000 for the Illawarra AIDS Council.

Several local sponsors helped, including Power FM, SPOTLIGHT, and the Northbeach Parkroyal.

The judges were Sarah Cannon from Mode Magazine, local media/fashion personality, Susie Elelman, and local designer Peter Bartlett.

The Friends of the University and the SRC have been encouraged from many quarters to make the award an annual event.

The Vice-Chancellor Professor Ken McKinnon commended the students for this excellent initiative.

'It was a good example of the service approach that is seen as part of the education program at this university,' he said.

'We strongly encourage our students to consider their obligations to the community as well as their individual rights.'

'We believe they will find satisfaction and draw strength through offering something back to the community in return for the support that they receive.'

after 10 July, results will not be available until after Tuesday 21 July.

Graduation Ceremonies will be held on 8 and 9 October. Students who meet the requirements for a degree/diploma/associate diploma at the end of autumn session will be eligible to graduate at the ceremonies provided they submit an Application for an Academic Award form by 29 May.

The Wollongong English Language Centre is seeking the assistance of any member of academic staff, or

postgraduate students, who will be travelling to Spain or Portugal in October this year.

Would anyone in this category who would be interested in representation and some fact-finding work on behalf of the Centre, contact: Peter Day, Centre Manager, Wollongong English Language Centre, Illawarra Technology Centre. Tel. 26 8914 or fax 28 9797.

In accordance with the University's procedures for reviewing academic units, the Vice-Chancellor has initiated a review of the Department of Biology.

Submissions to the review panel are invited from the academic community. Submissions, which will be treated as in confidence, should be forwarded to Peter Wood, Manager Academic Services, and should reach him no later than 30 April 1992.

Enquiries to Peter Wood (ext. 3943).



# The Tin Roof Theatre Company galvanised by Adelaide Festival



Members of the Tin Roof Theatre Company

The recently formed Tin Roof Theatre Company has returned to Wollongong after a very successful performance at the Adelaide Festival Fringe.

The company, formed in 1991, comprises graduates and students from the University of Wollongong School of Creative Arts theatre course.

The company performed two Australian plays, *Wildcat Falling*, written by Mudrooroo Narogin and adapted for the stage by Peter Gorman, and *Lilly and May* by Patricia Cornelius. Both plays reflect the political and contemporary interests shared by the group.

Whether they are acting, directing or providing technical resources, the individuals of this group are committed to bringing to audiences works by Australian writers concerning

contemporary issues of society.

Director Sally Riley and the company will be performing *Wildcat Falling* in Sydney at the Studio Theatre, Newtown, until Friday April 10.

*Wild Cat Falling* was the first novel by any writer of Aboriginal blood to be published in Australia.

It explores the dilemmas and conflicts of the young Aborigine in Australian society by examining the effects of isolation and a consequent search for identity.

It is the story of an Aboriginal youth, a 'bodgie' of the early sixties, who grows up on the ragged outskirts of a country town, falls into petty crime, goes to gaol and comes out to do battle once more with the society that put him there.

Peter Gorman adapted this novel for the stage and it premiered at the Performance Space, School of Creative Arts Wollongong in 1990 as director Sally Riley's graduation play.

The playwright's use of filmic devices and vinettes in adapting this novel produced an active piece of theatre which maintained the emotional intimacy of the narrative.

Of Aboriginal origin, Sally felt a strong affinity with the issues addressed in the novel including the boredom of small town living with its attendant lack of motivation, and the search for identity while being an outcast from both societies.

## World pipeline symposium here

The International Freight Pipeline Symposium will be held at the University of Wollongong this year.

This will be the first time the symposium has been held in the southern hemisphere.

The awarding of the symposium reflects the international standing of the work being carried out on this campus in pneumatic conveying.

It will be held in conjunction with the 4th International Conference on Bulk Materials Storage, Handling and Transportation being held here on 6-8 July.

This is the second time this conference has been held at the University of Wollongong. The 2nd conference was held here in 1986.

# Wollongong law students are different

Surveys conducted in 1976 and 1986 by Professor John Goldring, now Dean of the Faculty of Law, which built on earlier studies, revealed that two-thirds of law students surveyed in a variety of Australian law schools had fathers whose occupation could be described as professional or managerial.

Most law students came from households with high levels of income and almost half attended private schools. Other studies since have confirmed this trend.

When the Faculty of Law was established at Wollongong University in 1990, Professor Goldring decided that he would survey the students entering the law degree course at Wollongong to obtain some idea about their socio-economic background.

Anonymous questionnaires were distributed to all law students entering the degree courses in 1991 and 1992.

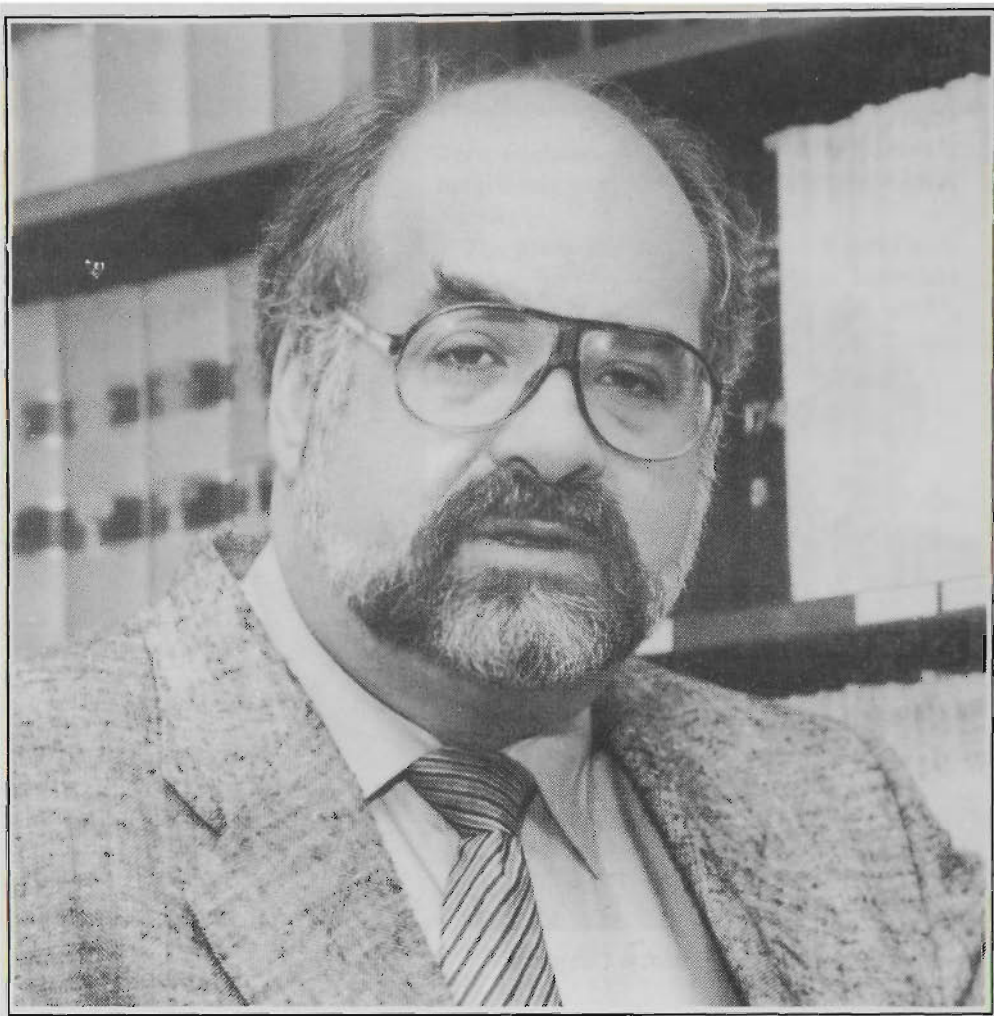
With the assistance of Brian Oakes, a second year student in the LLB program for graduates, Professor Goldring has collated the results of the survey.

The number surveyed are about half the law students enrolled at Wollongong University.

The TER cut-off scores for Wollongong law students indicate that they are as academically outstanding as in other law schools in Australia.

Professor Goldring said that preliminary figures from his survey indicated that the Wollongong Law Faculty was attracting students who were quite different in social background from those in other law schools.

About 42 per cent of respondents reported that their fathers' incomes were between \$28,000 and \$46,000 and



*Professor John Goldring*

only 10 per cent reported fathers' income in excess of \$64,000.

This is a remarkable contrast to earlier surveys of full time law students in Australia.

Thirty-one per cent of respondents reported that their fathers had a university degree and 20 per cent reported that their mothers had completed a university degree.

Another contrast with other law

schools was the fact that only eight per cent of respondents reported that their parents were lawyers.

Perhaps the most interesting differences relate to the school attended.

Seventy per cent attended government schools and 17 per cent Catholic systemic schools. Only 10 per cent of the respondents attended private schools, which is remarkably low compared with other law schools.

## Australian books sent to Ghana University

Australian law books, donated by the University of Wollongong's Faculty of Law, were sent to the University of Ghana recently.

The books were the first consignment of educational materials sent by the recently established Ghana Educational Assistance Forum (GEAF).

Minproc Engineers, one of several Australian companies operating in the gold mining industry in Ghana, transported the 730 law text books to Ghana. The books will be used to assist the teaching of law at Ghana's premier University.

'We are very pleased to receive these books from the

University of Wollongong's Faculty of Law,' the President of GEAF, Dr Kwame Asumadu, said in Canberra recently.

'The books will contribute significantly to improving the teaching of Law in Ghana and provide a valuable resource to the University of Ghana.'

The Ghana Educational Assistance Forum was established in Canberra in September 1991 to collect Australian educational materials and send them to institutions in Ghana to promote cultural exchange between Australian and Ghanaian educational institutions, and to promote educational exchange between the two countries.



## Physiotherapy services for staff

The recreation and Sports Association provides a range of physiotherapy services for students and staff on campus.

The Physiotherapy Clinic is located in the Recreation Centre.

Opening times are: Monday and Wednesday noon-3pm and Tuesday and Thursday 5-8pm.

A range of services including manipulative therapy, back care, postural assessment and rehabilitative exercise is provided.

Physiotherapy offers professional assistance for an enhanced recovery.

For further enquiries contact the Recreation Centre, tel. 28 1266 or ext. 3361 or 62, or call in personally.

### Seminars

Now that there is provision to advertise seminars on the E-Mail and a Bulletin Board for seminars is soon to be created, *Campus News* will, in future, only run seminars given by high profile speakers that have cross-disciplinary interest or public appeal. If departments are running a seminar that falls into this category please send a notice to Gillian Curtis marked 'Seminar Campus News'

### Graduate School of Education

The Graduate School of Education in association with the Curriculum Research Group, the Learning Environment and Equity Research Group and the Education Policy Program is holding a special seminar on Friday, 10 April from noon to 1pm in the Kemira Room 4

The topic of the seminar, to be presented by Dr Susan Moore, is *Essential Schooling: An examination of Alternative Models of Education*.

Dr Moore is a research fellow in the Education Policy Unit of the Institute of Public Affairs, Sydney. She has published widely on literature, education and culture. One of her current interests, to be discussed in this program, is the development of alternative models of schooling, aimed at developing a reflective, inquiring student.

Contact: Ms Debbie McGavin, ext. 3578.

### Work Wanted

Kay McKinnon (formerly Academic Services Branch) is operating a word processing service from her home.

Specialising in books, essays, theses, reports, articles – all printed on Laser Writer – no job too small or too large, at reasonable prices. Contact Kay on 28 6527.



Professor Gill Palmer

## New expertise in Management

Professor Gill Palmer has joined the University of Wollongong University as Head of the Department of Management.

She comes from seven years in Queensland where she was Queensland University of Technology's first woman Professor, Deputy Head of the School of Management and Director of their Key Centre for Strategic Management.

Previously she worked for 12 years at London's City University Business School and also had careers in business consultancy in the public sector.

She has broad interests in management education, but her academic research has focused on employment relations and organisation theory.

She has published a book on British industrial relations, edited a book on Australian personal management and has written articles on human resource management and industrial relations.

Since coming to Wollongong she has put the finishing touches on *Australian Employment Relations*, written with Dr Margaret Gardiner to be published by MacMillans later this year.

She joins a department that has grown considerably in recent years, being one of five new staff to join this year.

The department brings together experts from a broad range of management disciplines with experience in Australia, Asia, the USA, Africa and West and Eastern Europe.

This diversity Gill sees as a great asset because management education is increasingly aware of the importance of an international focus, and an understanding of cultural differences.

The department is undertaking a broad review of its postgraduate programs, and new courses in marketing, business ethics, health and safety and employment relations have already been proposed.

The development of research is another priority, new research interests are being added to those that already exist, and the department is active in developing post-experience courses for the community.

# Course completions in higher education

The Minister for Higher Education and Employment Services, Peter Baldwin, claims that more than 94,000 students completed courses in higher education in 1990, an increase of 28,000 over 1981.

'This represents a 42 percent increase over the decade,' Mr Baldwin said.

Institutions are also projecting a further annual increase of 34 per cent, to more than 126,000 annual completions by 1993.

Mr Baldwin was releasing 'Course Completions', Report No 13 in the Higher Education Series on the composition and characteristics of Australia's higher education students, produced by the Department of Employment Education and Training.

Women continued to increase their share of course completions, accounting for 56 percent of completions at all levels of study in 1990.

At the higher degree level women accounted for 36 per cent of completions in 1990, a significant increase on the 1981 figure of only 26 per cent.

The fields in which students have completed courses have also changed over the 1980s.

The largest growth occurred in business and health, the latter being partly attributable to the transfer of nursing from hospitals to higher education.

While the numbers of graduates have increased in all main fields, the increases in the annual number of completions in Science (up by more than 3,000) and Arts (5,000) between 1981 and 1990 were noteworthy.

Undergraduate course completions increased by some 35 per cent over the 1980s, almost all at the Bachelor degree level. Postgraduate completions increased by 75 per cent.

Completions at all levels of study are expected to continue to grow strongly over the next three years, especially research-based higher degrees.

Copies of the report can be obtained from the Communications Section, Higher Education Division, DEET, on (06) 276 7090.



Head of School of Creative Arts, Professor Barry Conyngham, with Dr Joseph Brown, artist Guy Warren, and Director, Visual Arts Sue Rowley,

## Visit by eminent art collector

Dr Joseph Brown visited the School of Creative Arts recently to present a lecture to Visual Arts students.

He was in Wollongong for the opening of the Building Unions' Superannuation Art Collection at the Wollongong City Gallery on Monday 16 March.

Dr Brown, one of Australia's most respected private collectors of Australian art, advised Building Unions' Superannuation on the development of its art collection, currently on exhibition in the Wollongong City Gallery.

The Building Unions' Superannuation have acquired a substantial collection of artworks, not only as an investment but also to support the development of Australian art.

Dr Brown was accompanied by the ACTU's art adviser, Peter Duncan, and Victoria Hammond, a consultant to the Building Unions on their arts policies.

Mr Duncan was a lecturer in Theatre at this University

## First international conference on intelligent materials

Director of the Intelligent Polymer Research Laboratory at this University, Professor Gordon Wallace, presented a lecture at the world's first international conference on intelligent materials (ICIM) in Oiso, Japan last week.

More than 250 scientists from around the world gathered to discuss this exciting area for the first time.

Professor Wallace, a member of the International Advisory Board of the ICIM, spoke of the work of the Intelligent Polymer Research Laboratory at the University on the development of a generic system based on conducting electroactive polymers for industrial, environmental and biomedical applications.

Professor Wallace was also invited to give a closing address to the conference.

During this, he emphasised the need to establish international, interdisciplinary forums and other mechanisms of communication that will accelerate the development of this new era in advanced materials.



# Changes underway to Administrative Information Services

This year will be an exciting one of change and development for Administrative Information Services (formerly ADP unit).

Elizabeth Nowosad, who took up the position of Head, AIS, in November 1991, has worked as both an academic and in administration in Universities in the UK, USA and Australia, specialising in statistics and computing.

AIS has developed in-house computer systems covering three main application areas: Human Resources; Finance and Student Systems.

The applications have been developed on an IBM system/38 computer using RPG as the base language and are cumbersome both to maintain and to modify.

It is estimated that between 50 and 80 per cent of application resources are dedicated to maintenance.

Meanwhile administrative computing requirements are becoming more complex with an ever-increasing rate of change.

So, after a year of essentially marking time, AIS is to review its systems, both hardware and software, with a view to upgrading if not entirely replacing these.

Working parties have been established to investigate thoroughly the requirements for computerisation of administrative information and to prepare system specifications and designs.



*Head of the Administrative Information Services Elizabeth Nowosad,*

## Staff News

### Academic staff absences from campus

A memorandum on this subject has been distributed to Deans of Faculties and Heads of Academic Units.

It provides general information concerning all the types of leave available to Academic Staff.

The information is also available on the Administration File Server, under **Staff Matters, Academic Staff, Absences from Campus**

Refer to subsequent editions of *Campus News* and to E-Mail for more helpful hints.

## THE UNIVERSITY OF WOLLONGONG



### POSITION VACANT

**ADMINISTRATIVE ASSISTANT (Grade One)**  
(17.5 hours per week)  
GRADUATE HOUSE  
(Limited-term to 31st December, 1992)

The successful applicant will assist the Postgraduate Association in organising communication networks between all Postgraduates on Campus, and liaise between the Postgraduate Association and other University bodies. The appointee will be a contact person for the Postgraduate students, organise functions and workshops as required and be responsible for the smooth running of Graduate House.

**Essential:** Currently enrolled in a Postgraduate degree at the University of Wollongong.

**Desirable:** Knowledge of the aims and activities of the Postgraduate Association.

**Salary:** 1/2 x \$21,090 to 1/2 x \$25,420 per annum.

**Reference:** GS 92-073

**Closing date:** 17th April, 1992

**Enquiries** to Vivien Colless on 214062 or Ian Tait on 213436.

Applications should quote reference and include details of qualifications and experience plus the names and addresses of two (2) referees and be forwarded to the Recruitment Officer (General Staff) by 5.00 p.m. on the closing date. Please mark envelope 'Confidential-Appointment'.

■ The Anglican Chaplaincy on campus conducts a service of **Holy Communion** on campus each Wednesday at 8.40 am during session in the Chaplain's Office, 1st floor Union Building. Campus bible study groups meet on Thursdays 12.30 pm Bld 40, Room 131. Enquiries 213534, or drop in to the Chaplain's Office for a chat.

#### ■ Long Gallery:

Photographic exhibition by **Michael Porter** inspired by **Stephen Hill's** book *The Tragedy of Technology* finishes on 11 April.

**José Aerts** and Ceramic Students 24 April-17 May.

■ Upcoming **CD classes** in the library: April 8: UMI, 11.30am-12.30pm; April 9: Silverplatter, 1130am-12.30pm; April 13: UMI, 11.30am-12.30pm; April 14: Silverplatter, 1130am-12.30pm; April 15: Dialog, 5.30-6.30pm; April 16: Austrom, 1.30-2.30pm.

■ Items for the **UGSC** must be given to acting secretary Mrs M Evans or minute secretary Mrs S Jennings, both in Student Administration, by 5pm on 14 April,

## Stop Press

### Special day for nursing

Graduation Day for students from the Department of Nursing is 12 May.

This is the anniversary of Florence Nightingale's birth date and International Nurses Day.

So far there are no special plans to mark this day.

If anyone has any ideas contact Margaret Wallace, ext. 3228.

## What's On

2 June, 30 June, 25 August, 10 November.

■ Agenda deadlines for the 1992 **Human Experimentation Ethics Committee meetings** are: 14 April, 4 July, 30 August, 24 October, 5 December. It will no longer be possible to table late items. Late applications will be held over until the next meeting.

■ The School of Creative Arts' **Art of Lunch** features:

Artist-in-Residence Scottish-born pianist **Roy Howat** in recital. Program to include music by Chabrier, Hiscocks and Ravel, 9 April.

**José Aerts** presents the Inter-Arts project *Secret of Black*: 16 April.

Wollongong City Gallery director **Peter O'Neil** will speak on the Gallery Collection and the Gallery's aims and ambitions. 30 April.

Venue: Music Auditorium 12.35-1.25 pm.

■ **Illawarra Committee for Overseas Students** invite all new international students and their families for a picnic lunch as part of the Orientation Programme. The lunch will be held on Saturday 11 April 1992. The cost is \$2 adults with children free. The itinerary is Wollongong - Stanwell Tops - Sublime Point - Cordeaux Dam (picnic lunch BYO) - Mt Keira - Wollongong. Tickets and details are available from the ICOS office in the Union Building next to the Careers and Appointments Service, Tuesday, Wednesday and Friday, 9.30am-2pm. Tel. (042) 21 3158 or ext. 3158. Other events for the committee are: Gledswood Homestead (sheep shearing): 20 April, Blue Mountains: 23 May, Snowy Mountains: 25 July, Canberra: 19 September, Harbour

Cruise and Sydney Aquarium: 11 October, Australia's Wonderland: 5 December.

■ The University Singers and the BHP Youth Orchestra present **Rossini's Stabat Mater** conducted by David Vance. The soloists are Alison Farr, soprano; Catherine Burrows, mezzo-soprano; Peter Anderson, tenor; and Keith Hempton, bass. The program includes choral music for Easter by Mozart, Bach and Tchaikovsky in which the University Singers and orchestra are joined by the Conservatorium Youth Choir. Hope Theatre, Good Friday, April 17, 6pm. \$15 & \$10. Bookings: 214 214.

■ Draft applications for the **ARC Collaborative Research Grants schemes** should be submitted to Peter Wood, Manager, Academic Services, no later than 30 April.

■ **Professor Fred Hollows** will give the annual **University Day Address** on Monday, 11 May.

■ **1992 Graduation Ceremonies**: 12-15 May and 8-9 October.

■ **Open Day**: Sunday, 30 August.

■ **Australian Computer Conference on Information Systems** hosted by the Department of Business Systems 5-8 October at the University of Wollongong. Enquiries to Gaye Herbert (042) 21 3958.

**Campus News is published weekly on Tuesdays during Autumn and Spring sessions. Send material, preferably by Microsoft Mail or on disk, to Gillian Curtis (042) 21 3110 by noon on Monday of the week before that of publication**