



Welcome to the campus community

CAMPUS News extends a warm welcome to the students and staff who have joined the campus community this year and hopes that the time you spend at this university will be a stimulating and rewarding one.

In recent years the University of Wollongong has been one of the few Australian universities that has been encouraged by the Federal Government to undergo a period of planned and rapid growth.

The result has been a remarkable transformation from a small regional institution with 2000 students in 1980 to an institution with a national and increasingly international reputation.

Student numbers are now 9000 and there are 1000 members of staff.

Course offerings have been extended and are continuously being developed to meet future community needs.

The University has eight Faculties: Arts, Commerce, Education, Engineering, Health and Behavioural Sciences, Law, Informatics and Science.

The Faculty of Law had its first intake this year and had a minimum entry rank of 95.4 (or 420 in the old system).

This year the University maintained or increased its cut-off levels in all courses.

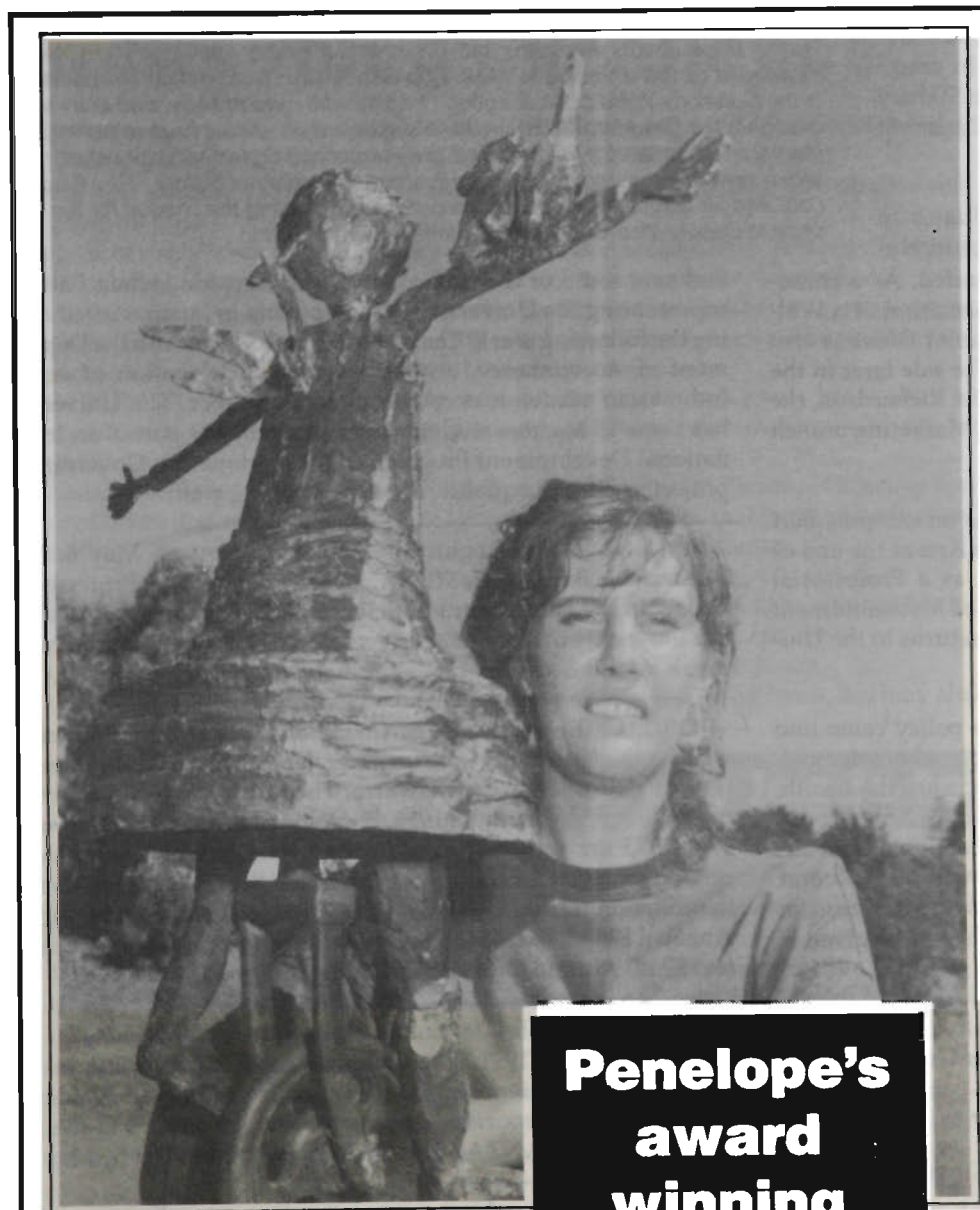
Undergraduate student numbers will only increase slowly and in future years the emphasis will be on strengthening and expanding postgraduate numbers, courses and research.

The policy at this University is to retain the best of traditional universities in combination with modern teaching methods, the latest technological advances and stimulating new ideas.

Students and staff have watched, with great pleasure, the physical development of the campus.

We have an extremely attractive envi-

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Penelope's award winning sculpture

CREATIVE Arts student, Penelope Harris, has won the Professor Howard Worner sculpture competition for 1990. Professor Worner, a scientist and engineer, established this annual prize of \$2000 in 1989 to encourage students and to build up the display of interesting and varied works on campus. Penelope's charming sculpture is on view in a secluded grassy area near Creative Arts.

Brief News

THANKS to all those who completed the Campus News survey last year. Your comments have provided the basis for some new directions. Most readers wanted more short items with contact numbers for further information, and more comparative articles about this University, which we will endeavour to provide. Several people commented that Campus News was received after the date for some of the seminars that were published. In future, notice will be given of seminars occurring in the following week, not the same week of publication. Please keep this in mind when sending seminar information to Campus News.

A RECORD number of students enrolled in Summer Session. A total of 1010 students enrolled in credit courses, including students from most of the Sydney metropolitan universities, the Australian National University and Deakin.

A HIGHLY-successful reception for graduates in Malaysia was organised by the Alumni Office in November last year. More than 100 people attended. As a consequence there is a great enthusiasm for the formation of a Wollongong Alumni group in Malaysia. The Alumni Office is also organising an increased range of mementos for sale later in the year to alumni, present students and staff. Juliet Richardson, the Alumni Officer, is located in the Planning and Marketing branch in the Administration Building.

THE creator of the stainless steel sculptures on campus, Bert Flugelman retired from the School of Creative Arts at the end of last year, but has accepted an appointment as a Professorial Fellow. Professor Gordon Wallace has completed his secondment to the Illawarra Technology Corporation and returns to the University as a Professorial Fellow.

THE University Smoking in the Workplace policy came into effect on January 1. The right of people to smoke is acknowledged, however the University has an obligation to ensure the health, safety and welfare of persons at work. Smoking is prohibited in all University buildings and vehicles with the exception of non air-conditioned single occupancy offices which will also become smoke-free areas by the end of 1991. A quit-smoking program for those will be available during 1991 and details will be given in future issues of Campus News.

SIR Alkan Tololo, Chancellor of the University of Papua New Guinea, and his wife met some of the Papua New Guinea students

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MARY Black will be remembered on campus as secretary of the Education and History Departments during the late 1970s until the early 1980s. In 1988 Mary developed cancer and died in 1989. Rob Goodfellow, a clinical nurse specialist in the Oncology Ward at Wollongong Hospital who nursed Mary, and Mary's husband, the Rev Malcolm Black, have organised an annual prize in her memory. The prize is to be awarded to a meritorious first-year history student with a view to encouraging undergraduates in the study of history. Rev Black (left) and Mr Goodfellow (centre) are pictured presenting the cheque for the prize to Deputy Vice-Chancellor Professor Gerard Sutton.

and saw some of the campus in December. Mr Joshua Battain, representing the University of Matsuyama in Japan, visited during the following week. The International Office, with the Department of Accountancy, also entertained a delegation of senior Indonesian academic accountants in December. The University has some 15 Masters students in accountancy as part of an International Development Program (IDP) /Indonesian Government project to upgrade qualifications of teaching staff.

PLANNING has begun for University Day on May 6. The Honourable Barry Jones MP, who was appointed as a Professorial Fellow in the Department of Science and Technology Studies at this university in December last year, has accepted an invitation to speak on this occasion.

JOSIE Castle in the Department of History and Politics is writing the University's history to celebrate, in 1991, 40 years of tertiary education in the Illawarra. The history covers the period from the establishment in 1951. Photographic records of the years 1951-1973 are rather scarce. Anyone who has photographs or other mementos for this, or other periods please contact either of the following: Josie Castle (ext. 3667) Dept History and Politics, Annabel Lloyd (ext. 3543) Archives Library, or Juliet Richardson (ext 3249) Alumni Officer, Admin Blg

ANZAAS has called for nominations from the University for the ANZAAS Medal 1991. The award is made for services in the advancement of science in Australia and New Zealand. Names of nominees and supporting documents should be sent to the Executive Director, ANZAAS Box 873 GPO Sydney 2001 by May 15.

LOCAL control and instrumentation company, Eurotherm International Pty Ltd, has given Illawarra companies an incentive to improve their level of control equipment by offering a trade-in deal on older instruments. These instruments, some of which are valued in the thousand of dollars, are then donated to this University for research or other uses. A recent batch traded in by David Brown Gear Industries Limited included chart recorders and temperature controllers that were put to immediate use by the Faculty of Engineering.

AEAC secures \$1m contracts

THE Automation and Engineering Applications Centre in the Illawarra Technology Corporation has secured three contracts worth more than \$1 million.

The first contract is with Eli Lilly (Australia) Pty Ltd to develop and manufacture a machine to automatically assemble anti-bloat capsules.

Bloat is a condition in cattle which limits their growth, and in some cases can cause

them to literally explode.

The capsules release an antibiotic progressively over 100 days to control the bloat.

The contract is to design and build a machine to automatically assemble the seven components of the capsule.

CAMIA have also been involved in the project, and conducted an engineering efficiency study of the capsules.

The second contract is with the Swedish pharmaceutical manufacturer, Astra Pharmaceuticals Pty Ltd, and is to design and manufacture a machine to inspect, using advanced vision technology, injection cartridges used by dentists for local anaesthetics.

The challenge of this contract for AEAC's engineers lies in the speed and resolution required for the quality control process.

The cartridges are to be inspected at the rate of two per second and to a resolution of better than 70 microns.

This is to be achieved with the assistance of Adept Technologies of San Jose, and like most projects undertaken by AEAC, is a world first.

The third contract is an extension of the existing contracts with NIES to carry out an automation awareness program in Australian Manufacturing Industry, and to assist with the development of ATSAM, the Australian Training School for Advanced Manufacturing.

The managing director of AEAC Ltd, Mr Ross Doonan, said the contracts had resulted from an enormous amount of hard work, and AEAC staff should be congratulated for their efforts.

AEAC's financial position has never been stronger since its establishment seven years ago and more orders are expected to be secured in the next few months.

Vice-Chancellor's awards for teaching excellence

A NEW award scheme will be introduced in 1991 to encourage and reward outstanding high quality performance in teaching by academic staff of the University.

Up to four awards will be available annually, each valued at \$2000. Presentation will take place on University Day each year.

As part of the University community your input is essential. Nominations of worthy staff members can be made by you as a University staff member or student.

Former students of the University may also participate in the scheme by nominating academic staff members who have actually taught them. Each nomination requires the support of three eligible members of the University community.

Your input is invaluable, however there are limitations. You may only be involved in one nomination per year and a little modesty please, self-nominations will not be accepted.

Nominations should be made on official forms available from Personnel Services and Faculty Offices and must include in half a page, your reasons for making the nomination.

One form only will be accepted from any group of three nominators.

Nominations should reach the Vice-Principal (Administration) by March 8.

They will then be forwarded to the relevant Faculty Dean, who will be responsible for preparing a submission of no more than two nominees from each faculty.

The dean will consult with nominators before making this submission.

Each submission would be expected to bear in mind the following items, but may also include any other information the dean considers relevant: current activities, subject materials, student supervision, student evaluation of teaching, scholarship of teaching

The submissions will be considered by a committee consisting of the Dean of Students (chair), the Deputy Vice-Chancellor, the Head of the Centre for Staff Development, the Education Officer of the Students Representative Council and two nominees of the Vice-Chancellor.

The committee may interview the Dean and/or any of the nominators and/or the nominee. Any or all awards need not be given in any year.

A more detailed description is available in the document entitled Vice-Chancellor's Award for Excellence in Teaching, available from Personnel Services Branch and faculty offices.

The awards will be administered by the Personnel Services Branch.

Robyn Weekes (ext. 3267 or 3929) is the contact person for the scheme.

Survey leads to new bus services

A SURVEY conducted by the University in November of students living in the northern and southern suburbs indicated that many would use bus services if available.

After discussions with Wollongong bus operators, new direct services will be starting on a trial basis from Monday February 25.

The services are:-

- Dions (Austinmer - Thirroul - University) arriving at the University at 8.20am and leaving the University at 5.30pm
- JJ Hill (Corrimal - Balgownie - University) arriving at the University at 8.20am and 9.20am and leaving the University at 3.40pm and 5.40pm
- Ruttys (Mt Brown - Dapto - Figtree - University) arriving at the University at 9.20am and leaving the University at 3.40pm and 5.40pm

In addition, these companies run comprehensive services connecting the suburbs with Wollongong City Centre. SJ Horrell provides day-long services between the University and Wollongong City. Timetables for all services are available on campus.

The Vice-Chancellor, Professor K McKinnon said he appreciated the initiative taken by the local bus companies on this important issue, and expressed the hope that student patronage would not only secure the retention of these services but their expansion.

For further information contact, Mr Tony Clapham in Business Services (042) 213 916.

Welcome to the campus community

From page one

ronment for work and study which draws comments of admiration from visitors.

Please help us to maintain this environment by placing rubbish in receptacles provided and displaying notices only on the notice boards in buildings and around campus.

Parking on campus may, at times, be a source of frustration.

The University does not receive any government funding to develop parking facilities, but the situation is continuously being monitored and every opportunity is taken to finance facilities through the University's own resources.

This year a new multi-storey car-park

We need your views on plagiarism

PLAGIARISM is defined as the use of another person's work, or idea, as if it is your own.

Do you know what this means?

Have you ever been accused of plagiarism? What happened?

Is all plagiarism bad? What should be the penalties imposed upon students who plagiarise?

In what ways do you think the University can improve the information given to students about plagiarism?

Plagiarism is not a simple and straightforward matter. It is confused and grossly misunderstood by many students and some staff.

For this reason a working party has been set up to investigate and report upon plagiarism in the University and, more importantly, to prepare the best possible information brochure for all members of the University.

To do this the party needs your input. If you have opinions or information or anecdotes or just want to be heard on this subject, the party wants to listen to you.

Better still, put your views on paper and send them to Craig Wallace, S.R.C. Office or Noel Kennon, Department of Materials Engineering.

Mark the envelope PLAGIARISM - CONFIDENTIAL.

You can remain anonymous if you wish.

will be completed in April and successful negotiations have taken place with local bus companies to improve direct services to the University (see page three).

Parking difficulties would be alleviated if efforts were made to share cars or alternate methods of travelling were considered, where possible, such as walking or riding bikes.

Enjoy and support the numerous activities on campus.

The School of Creative Arts has an Art Gallery and Shop (the Long Gallery Blg 22) which features exhibitions by students, staff and visiting artists.

There is also a Performance Space at the School of Creative Arts that offers high quality student performances throughout the year.

If you are really keen see Jenny Fullerton (Ph 213996) in the Long Gallery and ask to be placed on their mailing list.

A new theatre will be completed later this year (bld 40) which will further stimulate the cultural life of the campus and the Wollongong community.

The Interactive Science Centre at Campus East (Cowper St, Fairy Meadow) is well worth a visit or three; it is entertaining as well as educational. Open weekends 1pm-5pm, or during the week by arrangement Ph 836665 (Entrance fee \$4 or \$2 for full-time students). The Aquatic Centre (Blg 13) has world class facilities for all aquatic sports. Entrance charge is \$1 for members of the Recreation and Sports Association.

The University has been very successful in developing exchange agreements with senior Universities in the USA and is negotiating with institutions in Europe

and Britain.

Students who have completed at least one year of study at this university are eligible to apply for exchange, and all fields of study are catered for.

Students who participate in the Student Exchange Agreements are exposed to some of the best of overseas teaching and research. Talk to Trish Tindall in the International Office, Administration Building.

Campus News is published weekly during Autumn and Spring Sessions. Students can collect copies from the Library, Union, Student Enquiries or the Pentagon. Copies are mailed to all departments and also to the Friends of the University, Alumni, media, local school principals and interested members of the community.

Any suggestions of items for inclusion should be sent to the Editor, Campus News, Administration Building.

Finally a special word to new students. If you are confused or concerned ask for assistance.

A good first point of contact is the Student Enquiries desk on the ground floor of the Administration Building or the Counselling Centre upstairs in the Union Building.

During the time you spend at this university make a point of finding out find out about the Alumni Office; what it does, how it can help you and how you can contribute to the growing, fine reputation of this institution.

As this university strengthens and grows, so too will the value of your degree or the time you spend as a member of staff.

Conference inspires young scientists

A GROUP of 220 students from Canberra, Goulburn and the local area (mainly from private schools) visited campus to hear lectures about state of the art scientific research by some of this University's most prominent and dynamic academics.

The day was part of the ANZAAS inaugural regional conference which the University had the honour to host.

Eminent Professor Howard Worner, who heads the University's Microwave Applications Centre in his retirement, was largely responsible for attracting the conference to this campus.

Professor Worner said it was a historic occasion and he felt sure students would remember the meeting all their lives.

"It was one of the most rewarding days I have experienced in a long time," Professor Worner said.

The Executive Director of ANZAAS, Dr Dan O'Connor, said the day was a feast of science and technology that provided students with very comprehensive information and advice geared at the right level for the audience.



Professor Leon Kane-Maguire from the Department of Chemistry, the Chancellor, the Hon. RM Hope, and Dr John Carver, from the Department of Chemistry at the opening of the spectrometer

Spectrometer has great range of functions

THE University has installed a nuclear magnetic resonance spectrometer at a cost of \$450,000 to ensure that this university remains at the forefront of research in a rapidly expanding and exciting area.

It is the most advanced one of its kind in Australia.

Funds from The Australian Research Council and the Ramaciotti Foundation were supplemented by funds from the University. The Ramaciotti Foundation supports medical research.

Nuclear magnetic resonance spectroscopy is a powerful technique for obtaining detailed information about the structure of molecules, either in a living animal or free in solution.

The spectrometer is built around a magnet which is 188,000 times the strength of the earth's magnetic field.

Research projects that will use the spectrometer include:

- The investigation of the structure of protein molecules such as those involved in cataract formation,
- Synthesis of pure pharmaceuticals,
- Characterisation of molecules from plants and marine organisms that have anti-bacterial and anti-viral activity.

Love affair with Liberty

CREATIVE Arts lecturer Laurens Tan is being honoured with an exhibition of his works in the Long Gallery.

Called *Liberty and Rationality*, the exhibition features works that were executed during Lauren's 1990 residencies in Paris and the Perth Institute of Contemporary Arts and at a recent forum exhibition at the Orange Regional Gallery.

Laurens won a major Australia Council grant to work in the US and Europe and was artist-in-residence at the Art Gallery of NSW's Cite Internationale des Arts on the bank of the Seine.

While there he embarked on works based around the theme of the Statue of Liberty.

His works – three videos, a sculptural drawing installation as well as large charcoal drawings – reflect the obsessional love affair he was drawn into while researching the history and construction of the statue.

The Long Gallery exhibition was opened on February 15 by the University's new sculpture lecturer, Ian Gentle.

The exhibition runs until March 3.

Any inquiries to Jenny Fullerton, tel. (042) 21 3996.

EEO News

THE Equal Employment Opportunity Unit has drawn up a list of staff with a second language who will act as interpreters for use in emergency situations.

They will also be available on a consultancy basis when appropriate.

The list has been drawn up of these names and is held in the EEO Unit.

Any other members of staff with a second language who are willing to help out in this way can call the EEO Unit, ext. 3917 or 3030.

Dr Peg MacLeod,
EEO Co-ordinator.



UNIVERSITY OF WOLLONGONG

Applications are invited for admission to the Graduate Program in Cultural Studies for 1991.

MA (Pass and Hons) Cultural Studies

Jointly offered by the Departments of English and Sociology. Available full-time or part-time. An interdisciplinary program which allows candidates to analyse cultural theories, codes, institutions and texts. Core studies will include: Textual Theory, Cultural Theory, as Minor (Hons) Thesis. Optional studies include Communications, Gender and Genre. Most subjects are taught in the evening. Professional and mature students are encouraged to apply.

Enquiries should be directed to either:
Professor James Wieland, English Department, (042) 213667 or Paul Walton,
Sociology Department (042) 213745.

Staff Development program released

THE Centre for Staff Development has released its program for the first half of the year.

All interested staff are invited to attend any of the following.

Other courses for the same period will be advertised as the details become available.

Any enquiries may be directed to Staff Development Officer, Jan James, ext. 3946.

Course nomination forms are usually available in most departments.

Selection Techniques for General Staff (April 10 and 11, and May 22 and 23): These workshops will be offered more regularly this year to meet the need of those people who are being called upon to take part in the the selection process.

Work Place Safety (March 13 and July 17): A half-day session, all staff are en-

couraged to take part.

Employee Assistance Program (EAP) Supervisor Referral course (March 12): Offered by the Industrial Program Service (IPS). This course assists supervisors deal with work performance problems and develops skills in minimising barriers to effective use of the EAP. (EAP has the full support of all Union groups on campus as well as Personnel Services Branch). This course forms part of the Systematic Supervisor Training Program which begins this year

Occupational Health and Safety for Supervisors (April 17 and 24, and August 14 and 22): Two half-day sessions especially geared to the supervisor from any department on campus who is responsible for the safety of staff or students. This course forms part of the Centre's Systematic Supervisor Training Program.

University Finances (June 19): Financial Services will explain the University Financial system following the move to devolution.

Career Development for Academic Women (July 1 and 2): This is a career management course specifically designed for academic women, regardless of their classification or years of experience. Peg MacLeod will conduct this two-day course.

Academic promotions

THE following academic promotions were effective on January 1:

To Associate Professor: Dr E.A. Bryant (Geography), Mr R.G. Castle (Economics), Dr G. Delamore (Materials Engineering), Dr E. Richards (Science and Technology Studies), Dr P. Shepherd (Creative Arts), Dr E.J. Steele (Biology), Dr A.K. Tieu (Mechanical Engineering), Dr R.J. Whelan (Biology).

To Senior Lecturer: Ms R. Albury (Sociology), Dr J. Chicharo (Electrical and Computer Engineering), Ms B. Derewianka (Education), Dr M. Donaldson (Sociology), Dr C. Fergusson (Geology), Mr J. Fulcher (Computer Science), Dr R. Kohoutek (Civil and Mining Engineering), Ms T. McDonald (Nursing), Ms A. O'Neill (Geography), Dr D. Platt (Electrical and Computer Engineering), Dr R. Sparks (Mathematics), Ms S. Uniacke (Philosophy), Dr H. Winchester (Geography), Dr C.D. Woodroffe (Geography), Dr P. Wypych (Mechanical Engineering).

University Aquatic Centre

Opening Hours

	Summer	Winter
Mon-Thurs	6am-9pm	6am-7pm
Friday	6am-7pm	6am-7pm
Saturday	6am-7pm	6am-5pm
Sunday	7.30am-7pm	7.30am-5pm

Student cards must be shown to gain member rates.

Fun and Fitness Activities

Aqua-aerobics Mon-Thurs 12.30pm
Swim for Fitness Mon, Wed, Fri 6am Mon & Thurs 7pm
Learn to Swim Mon-Sat Various times

Price List

Entry members \$1, Non-members \$2, Child/School Student \$1, Spectators 50c Family, 25 and 50 Visit Cards are available. Equipment is also available for hire.

Fun and Fitness Activities

Member \$3 Non-member \$4.50
10 and 20 Visit Cards available

Other Activities

Lunchtime Competitions: Monday: Underwater Hockey. Tuesday: Short Course Waterpolo. Wednesday: Aqua-Volleyball. Thursday: Innertube Waterpolo. Friday: Aqua-Netball

Evening Competitions

Tuesday: Underwater Hockey. Friday: Inner-tube Waterpolo

Introduction to... Courses

Monday: Waterpolo. Wednesday: Underwater Hockey. Friday: S.C.U.B.A.
Courses Start in weeks 3, 7 and 11

Education Courses

Level 1 Swimming Coaching; Level 1 Waterpolo Coaching; Level c & b Waterpolo Refereeing; RLSS Bronze Medallion; RLSS Bronze Cross; RLSS Resuscitation Certificate; RLSS Senior Resuscitation; RLSS Instructors Award

For more information about the above courses and all the other activities grab a Recreational and Sports Association booklet from the Recreation and Aquatic Centre on the North side of the campus among the sporting ovals.
Ph 281266 for enquiries.

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Present this section to the pool office to gain
1 FREE entry from 25 Feb to 1 Mar

Present this section to the pool office for 1 FREE Aqua-Aerobics class. To take part you must first book in by phoning
281266 Limit 30 per class.

Research Funds

National Multiple Sclerosis Society of Australia: Project Grants & Fellowships: Applications are called for research relevant to the study of Multiple Sclerosis (MS). The University closing date is 17 May.

Australian Academy of the Humanities Publication Subsidies & Travelling Fellowships: Limited funds are available for subsidies towards publication of work already submitted to a publisher. This does not assist publications on which royalties are paid. Travelling Fellowships are available for scholars in the early stages of their career. It will not support a student studying for a higher degree and is valued at \$3000. The University closing date for Fellowship applications is 14 June.

Smuts Visiting Fellowship in Commonwealth Studies (Cambridge University) Applications are called for a fellowship tenable at Cambridge University in the field of Commonwealth Studies. Preference is given to young p/doctoral scholars who have shown distinction in their field. The University closing date is 30 April.

Public Health Travelling Fellowships 1992: These fellowships are for short term study overseas or within Australia, under expert guidance relating to their work and speciality and will be of benefit to public health in Australia. The University closing date is March 1.

R Douglas Wright Award 1992 (New Investigators) - NHMRC Applications are called for outstanding researchers at an early stage of their career. The awards supplies an allowance of \$10,000 and a salary at the SRO Level 2. The University closing date is 12 April.

Royal Australian Institute of Public Administration (SA Division): Sir George Murray Award: This competition is to encourage writing on topical issues in public administration, not just management issues but schools of thought in current academic research. Entries close 9 August.

RSPCA Alan White Scholarship 1991 Applications are being called for either under or postgraduate students enrolled full-time at an Australian University. They must have demonstrated a major commitment and/or involvement with animal welfare issues. The University closing date is 8 March.

The sources of research funds given below are available to members of academic staff. Further information, including application forms, may be obtained from Lyndal Manton (ext. 3201). Intending applicants are reminded that all research applications must be forwarded through the Office of Postgraduate Studies.

Australian International Development Assistance Bureau (AIDAB) Research Grants: Applications are called for research involving discussion, formulation and implementation of development activities in developing countries. The University closing date is 8 March.

Heritage Assistance Programs in NSW There are four programs under the Heritage Assistance, all on the basis of dollar for dollar funding. These programs involve identification, documentation, assessment, conservation and in raising the community's awareness of our heritage. The University closing date is 22 March.

National Soil Conservation Program 1991/92: Applications are being called in three sub-program areas; Major Program; Public Participation, Education and Training; Community Landcare. The University closing date is 8 March.

Previously Advertised	Closing Date
The British Council Travel Grants	Any Time
Australian Arts Council	Any Time
AFUW SA Inc Bursary	February 15
ARC Grants	February 15
Illinois State University	March 1
Public Health Travelling Fellowship	March 1
RSPCA Scholarship	March 8
National Soil Conservation Program	March 8
AIDAB Grants Scheme	March 8
NHMRC Grants	March 15
PHRDC Grants	March 15
Heritage Assistance Program	March 22
Overseas Research Student Awards (UK)	March 31
Sir George Murray Prize	August 9
R Douglas Wright Awards (New Investigators) NHMRC	April 12
Smuts Visiting Fellowship	April 30
Australian Academy of Humanities (Travelling fellowships)	June 14
Multiple Sclerosis Society Grants and Fellowships	May 17
Multiple Sclerosis Society P/Grad Scholarship	August 16

The following research applications have been successful:
National Health & Medical Research

Council - Project Grants: Prof Helen Garnett, Dept of Biology, \$67,447 (3 yrs); Prof Phillip Barter, Graduate School of Health & Medical Sciences, \$106,494 (3 yrs).

National Energy Research Development Program: Dr Phillip Laird, Dept of Mathematics, \$104,700. All coal-oriented applications are still pending.

National Heart Foundation - Projects: Prof Helen Garnett, Dept of Biology, \$37,829; Prof Dennis Calvert, Dept of Public Health & Nutrition, \$40,000.

Scholarships: Ms Christine Contacos, Dept of Public Health & Nutrition.

Rural Industries Research & Development Corporation: Dr Ross Robinson, Centre for Transport Policy Analysis, \$64,350.

NSW Dept of Minerals & Energy: Dr Don Platt, Dept of Electrical & Computer Engineering, \$150,640

Australian Research Council - New Grants:

Ass. Prof. Ross Lilley, Dept of Biology, \$30,000; Prof Leon Kane-Maguire, Dept of Chemistry, \$35,000; Dr David Griffith, Dept of Chemistry, \$75,000; Prof Bill Lovegrove, Dr Steven Avons, Dr Linda Cupples, Dept of Psychology, \$25,000; Prof Lewis Schmidt, Dept of Civil & Mining Engineering, \$25,000; Prof Lewis Schmidt, Dept of Civil & Mining Engineering, \$30,000; Dr Y Yao, Dept of Mechanical Engineering, \$30,000.

Renewed Grants: Prof Leon Kane-Maguire, Dr Steven Pyne, Dr John Carver, Dept of Chemistry, \$43,000; A/Pr Gerald Nanson, Dr Colin Woodroffe, A/Pr Brian Jones, Ass. Prof. Ted Bryant, Mr D Price, Dept of Geography, \$30,000, (+ \$40,000 Equipment Grant); Dr Colin Woodroffe, Prof R McLean (ADFA), Dept of Geography, \$25,000; Prof Stephen Hill, Dept of Sociology, \$29,700; Prof Brian Moloney, Dept of Modern Languages, \$25,000; A/Pr Martin Bunder, Dept of Mathematics, \$15,800; Dr Kenneth Duff, Prof Peter Fisher, Dr Carey Freeth, Dr Roger Lewis, Dr David Martin, Dr Phillip Simmonds, Dept of Physics, \$86,517; Ass. Prof. Donald Lewis, Dr Chris Nyland, Dept of Economics, \$32,000; A/Pr Druce Dunne, A/Pr Noel Kennon, Dept of Materials Engineering, \$29,000; Dr Richard Kohoutek, Dept of Civil & Mining Engineering, \$36,300; Ass. Prof. Yew-Chaye Loo, Dept of Civil & Mining Engineering, \$35,700; Dr Tara Chandra, Dept of Materials Engineering, \$26,000; Prof. Gordon Wallace, Dr A Hodgson, Dept of Chemistry, \$35,000; Prof. Bill Lovegrove, Dept of Psychology, \$32,600.

Fellowships: Dr Joanne Croke, Postdoctoral Fellow, Dept of Geology.

■ Roger Woodward and guest players from the Alpha Centauri Ensemble play Mozart - Tuesday March 12 at 8pm. Music auditorium. There will also be a special pre-concert interview conducted by Professor Helen Gamble starting at 7pm.

■ Australian Federation of University Women, Illawarra Branch meeting, Wednesday April 3 at 6.15pm, Board Room, Union Building. Speaker is a University of Wollongong graduate, Jane Morrison, a metallurgist with BHP Steel.

What's On

Light meal served. Cost \$8. Registrations Carol Williams 213754 (w) 714949 (h) by March 28.

■ The Book and Print Show 1991 - April 14. Long Gallery. Curated by Liz Jeneid with more than 30 exhibits from Australia and overseas.

■ University Day - Monday May 6. Address by The Honourable Barry Jones. 6pm. Music Auditorium

■ Annual University service - Sunday May 12 7pm St Michael's Anglican Cathedral. Rev Raymond Heslehurst, who celebrates his 10th year this year as Anglican Chaplain on Campus, will preach the sermon.

■ Graduation Ceremonies - May 7-10. The October dates are planned for the 10th-11th.

■ Open Day - Sunday August 25.

Seminars

Department of Accountancy

March 1: *Computer Models exploring the Relationship Between Timeliness and Accuracy of Accounting Information and Quality of Management Decisions*, Professor Gerry Freed, Department of Management. 10.30am-noon.

March 15: *Over the Top Via Under the Surface: A True and Fair View*, Mary Greenwell. 11am-12.30pm

March 29: *Interviewing and Training Accounting Graduates*, Dr Omer Abdullah Zaid, senior lecturer, School of Business and Technology, University of Western Sydney. 10.30am-noon.

April 12: *Notes on Critical Accounting Literature - Some Inner Contradictions, Diversities, the Need for Perspective Choices in Organisational Analysis*. Sudhir Chandra

Lodh. 11am-12.30pm.

All seminars are held in the Faculty of Commerce Building 40, Room 338. Inquiries to Associate Professor Hai Yap Teoh, ext. 3625.

Department of Philosophy

One-day conference

March 23: *Reasoning About The Ethics of Health Care*, An introductory one-day conference held by The Department of Philosophy, University of Wollongong, and the Ethics Committee of the Illawarra Health Service. Should you wish to attend, your registration form and conference fee (\$30 cheques made out to the Department of Philosophy, University of Wollongong) should reach the Department of Philosophy no later than Wednesday March 13. The conference will be held in lecture theatre 5, Pentagon, University of Wollongong. For further information, tel. (042) 21 3615.

Department of Physics

Forthcoming colloquia

February 28: *Bulk vs Surface Defects in Oxide Semiconductors*, Dr Janusz Nowotny, Advanced Materials Program, Australian Nuclear Science and Technology Organisation, Physics Lecture Theatre 18.118, 12.30pm

March 14: *DEs ex machina: The Impact of Computational Physics on Undergraduate Courses*, Dr Ian Johnston, School of Physics, University of Sydney, Physics Lecture Theatre 18.118, 12.30pm

Department of Sociology and Centre for Multicultural Studies

Joint seminar

February 28: *Routes Through Modernity: A Global Overview*. Professor Goran Therborn, Department of Sociology, University of Goteborg, Sweden. 2.30pm. Building 19 Room 2072, 2.30pm

Advertisements

FOR SALE

Reliable and economical 1977, Mazda 323 hatch. Please call Karen in Planning and Marketing, tel. (042) 21 3110 or (046) 84 1739 after hours.

FOR SALE

Toyota Corolla Seca. Twin cam '88 sedan, air cond, power steer, mag wheels, alarm, new tyres, 34,000 m. 12mths rego, \$16,000 ono. OVK887. Ext. 3249 or tel. (042) 85 2056 (ah)

FOR SALE

Volvo 244GL Auto, air-conditioned. December 1980 model - excellent mint condition. Must sell. 120,000 km. Will give 3 months' full warranty. Call Dr Chandra on ext. 3008. Price \$9500 o.n.o.

FOR SALE

Mitsubishi Scorpion 1981, 1.6 litre, currently registered, very good condition. Paid \$8500 18 month ago. \$4750 ono. Must sell. Have bought new car. Paul Walton, tel (02) 810 1107, ext. 3647.

FOR SALE

New, exclusive Town House, 5 minutes from the University. Large lounge and dining, full-width opening to expansive view of ocean. 2 br with glass wall w/robo. Parking for 2 cars on

ground floor. Fully landscaped. \$140,000. Telephone 852970.

FOR SALE

Keiraville. Private sale. Attractive 2 br bv and tile home. Good area, Res "A". Well situated with all round outlook. Estab trees and shrubs, 500m to shops, services, facilities. 100m to bus stops, 3.5km to Wollongong. Fitted indoor storeroom. Splitsyst A/C. \$162,500. Telephone 042/298287 incl wk days to 8 pm for details and inspections.

FOR SALE

Building block. Excellent. Very reasonably priced building block, approx 550sq metres with creek. Sea glimpses. Quiet road in Bulli. Commission for pole house. Academics on adjoining block. \$57,000 or nearest offer. Contact John Bowyer, ext. 3647.

TO LET

Furnished, roomy, 3 br Mt Pleasant house, sweeping ocean views, available late February - early December. Telephone ext 3518 or 832089.

ACCOMMODATION WANTED

Postgraduate student requires accommodation for 1991. Will share. Antoinette, tel. 28 3143

FOR SALE

Electric movie camera and aluminium case. Lots of filters etc. Perfect condition \$5500 ono. Tel. 56 6896.

Stop Press

Teaching in China

THE China State Education Commission needs academic staff to deliver teacher training seminars and workshops in China over the next three years.

The project needs a commitment of five weeks for two two-week seminars will be run, plus travel time.

The primary tasks are to coordinate with Chinese specialists two-week seminars/workshops at various Institutes of Education.

Anyone interested in participating should contact Mr Ed Ksiazek, Project Manager, Training and Professional Services Division, at the Illawarra Technology Corporation, tel. (042) 26 8888 or fax 26 8954.