



Distributed each Tuesday

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21 March 1989

## VISIT BY CARDINAL CLANCY

The Friends of The University of Wollongong have invited Cardinal Edward Bede Clancy, Catholic Archbishop of Sydney, to visit the University on Friday April 7 at 7 pm.

Cardinal Clancy is the seventh Catholic Archbishop of Sydney and the fourth to become a cardinal. Australia's most senior archbishop received his red biretta from Pope John Paul II at a Vatican consistory in Rome on 28 June 1988.

Cardinal Clancy has also served as Chaplain at Sydney University and Professor of Sacred Scripture at St Patrick's College, Manly.

He has been appointed by the Pope as a member of the Sacred Congregation for Bishops, the Council for the Public Affairs of the Church, the Pontifical Commission for Social Communications and the Pontifical Commission for the Apostolate of Health Workers.

By personal appointment of the Pope, he is also a member of the Council advising the Secretary of the Synod.

Cardinal Clancy was made an Officer of the Order of Australia on 1 January 1984.

Cardinal Clancy will give an address after a dinner in the Union Hall.

This is a rare opportunity to hear a prominent Australian speak on matters of current interest to society. Please make the form on page 8 available to your friends and/or staff and assist us to welcome Cardinal Clancy to Wollongong.

Please complete form on back page.



Gino Sanguinetti is flanked by, left, Professor Worner and, right, the Vice-Chancellor, Professor Ken McKinnon. On the extreme left: *Figures with a Horse*

## Scientist Establishes Sculpture Award

Professor Howard Worner CBE, Director of the Microwave Applications Research Centre at the University, has donated \$2,000 a year for an annual sculpture prize for the work of a Creative Arts student.

The inaugural award was presented to Gino Sanguinetti for his *Figures with Horse*, a steel structure with a charcoal grey finish. The work will be permanently displayed on campus.

Professor Worner is playing a pioneering role in the development of microwave energy but is interested in contributing to other aspects of the University. He has already donated a superb gift of Japanese Works of Art to the University's collection.

# General Notices

## Thermoluminescence Dating Lab expanding

Since its inception late in 1986, the thermoluminescence (TL) dating laboratory in the Department of Geography has processed some 200 specimens. It is now in the process of expansion to cope with increased demand, is taking on additional staff, and is offering a fully commercial service to academics and the general public, both from Australia and overseas. It is the only laboratory in Australia which offers this service. Most of the specimens dated so far have been sedimentary materials from within Australia. Additionally, however, there has been an increasing flow of ceramic art wares submitted to the laboratory by galleries around Australia, as well as by private collectors and dealers. The growing reputation of the laboratory has resulted in numerous recent requests for the dating of samples from overseas. An important area of current research is the application of the technique to materials of volcanic origin.

### How TL Dating Works

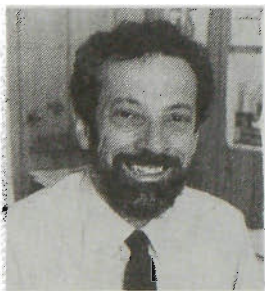
TL is stored in the form of trapped electrons within the lattice of certain crystalline materials. The energy required to create this derives from the minute amounts of long-lived radioisotopes of uranium, thorium and potassium. When these crystals are heated the stored energy is released in the form of light. Thus when a piece of pottery

is fired, its geological TL is reduced to zero, and from that point in time the TL starts to rebuild. In the case of sediment this zeroing process is dependent upon exposure to sunlight during the transport phase. Water-borne sediments sometimes do not receive sufficient exposure and therefore retain a high residual TL signal. Extensive study has shown that it is possible to determine successfully the age of these sediments, and the Wollongong laboratory is recognised as a world leader in this field.

A recent emphasis of research is the dating of volcanic materials. They are heated sufficiently at the time of eruption to reduce the TL to zero. However, they are subject to extremely low TL sensitivity and therefore require very careful analysis. Work is in progress to provide valuable detailed information on the chronology and frequency of volcanic eruptions in the Papua New Guinea region.

### Commercial services

The laboratory offers an authenticity test on ceramic art wares which is increasingly used by galleries and by individual collectors. This service is unique in Australia and serves to provide an indication of the age of a ware rather than its absolute age. It is particularly useful in differentiating reproductions from originals. Its main use has been in the dating of Chinese Tang wares. The originals date from 1000 years ago, but about 100 years ago a spate of copies was made, often using the original moulds recovered from the grave sites. They are therefore stylistically identical to the original wares, but their authenticity or otherwise can be rapidly established using TL dating.



Stephen Castles



Mary Kalantzis

### Praise for Wollongong academics

Warm praise for Stephen Castles, Mary Kalantzis, Bill Cope and Michael Morrissey come from Donald Horne and Manning Clark in their review of Australian literature entitled 'The Essential Library' in *The Australian Magazine* for February 25-26. Each writer was asked to choose '50 books every civilised Australian should read and own.' They wrote: 'When it comes to offsetting ethnic prejudice, the best single work is now *Mistaken Identity and the Demise of Nationalism in Australia* by Stephen Castles, Mary Kalantzis, Bill Cope and Michael Morrissey. It is a masterpiece of academic popularisation - concise, readable, full of points'.

### Alex Buzo to be writer-in-residence

Leading playwright and novelist Alexander Buzo will be writer-in-residence at The University of Wollongong from March 20 until May this year.

Alex Buzo first made his name as a playwright. He has written more than a dozen major plays since *Norm and*

*Ahmed* was first produced in 1967. *Rooted*, *The Front Room Boys*, *Macquarie*, *Coralie Landsdown Says No*, *Martello Towers*, *Makassar Reef* and *Stingray* are among his best-known works.

He has also written a number of works of prose, including *Tautology*, a light-hearted look at language usage, the novel *The Search for Harry Allway* and his recent *The Young Person's Guide to the Theatre and Almost Everything Else*.

While he is here, Alex Buzo will give a number of readings from his work, conduct workshops, and be available for interviews with individual writers, theatre people and students of his work. The general public of Wollongong and the Illawarra are invited to any of or all these events.

Alex Buzo may be contacted through the School of Creative Arts at The University of Wollongong. For further information contact Ron Pretty on 27 0895 or 27 0867.

### Pollution Task Force, Healthy Cities, Illawarra

Originally convened by Professor G.D. Calvert from the University (Departments of Chemistry and Geography and the School of Health Sciences), and the community (Wollongong City Council, State Pollution Control Commission, ER&S, BHP), and under the Chairmanship of Dr Ann Young, the Task Force has made excellent headway.

For its study into lead pollution it has received a grant of \$60,000 from the Department of Health - not to mention excellent public relations for the University.

## Winged Victory revisited

Shortly after leaving school I made my introductory visit to the Louvre. I shall never forget mounting that wide staircase and – looking up – to see for the first time, that classic piece of ancient Greek sculpture, the larger-than-life Winged Victory of Samothrace.

The drapery had been sculptured with sensuous refinement, accentuating the underlying forms. The outstretched wings conveyed, vividly, a sense of impending flight.

Here in Australia Bert Flugelman, Senior Lecturer in the School of Creative Arts, has acquired a national reputation for his large-scale stainless-steel sculptures.

His works, on public display in Wollongong, Sydney, Adelaide and Canberra, are all abstract pieces. Their movement stems from geometric forms shifting in juxtaposition with adjoining forms setting up a slow counterpoint.

In his latest leviathan (dare one say Brobdingnagian?) work, now being constructed in stainless steel by Transfield at Port Kembla, Flugelman combines the abstract with the figurative. The base is an abstract six-metre cone, not forming a right angle with the central thrust from the base to the tip, so that the three-metre-high, headless winged figure, symbolises flight and is inspired by Lawrence Hargrave, arguably the Illawarra's most famous citizen. His physiognomy graces the Australian \$20 note. With his box kites Hargrave recorded the first tethered flight in history at Stanwell Park in 1894.

Flugelman's entire concept is a singular amalgam of engineering skills. The forward tilt of the cone and figure go well beyond the centre of gravity (that despite the backward sweep of the wings). This feature alone will imbue the sculpture with the impression of impending flight – of an immediate sense of imminent flight.

To overcome the mechanical stresses the cone and figure are reinforced internally. When the two main elements come together the cone will be filled with concrete. From its position on Mount Keira, overlooking the university and the city, it will be well secured against the stresses imposed by nature...

John Eveleigh

### The Flying Doctor

Dr Hilary Winchester, Lecturer in the Department of Geography, exchanged academic dress for running shorts and spikes to compete in the New South Wales Veterans Athletics Championships and First East Coast Masters Championships, held in Sydney March 10–12. Competing as a pre-veteran (women 30–34), she achieved the distance double, with two gold medals at 5,000 metres and 10,000 metres. The 10,000 metres, held late on Friday evening in humid and windy conditions, saw Hilary take the lead early on, to complete the remaining 21 laps as a solo front run. By contrast, the 5,000 metres was a neck-and-neck battle, with Hilary surging off the bend in the final lap to win by a clear seven seconds.

Hilary has been running seriously for just over two years, and runs and trains regularly with the Kembla Joggers, at Dapto and Mount Kembla. She is looking forward to competing as a veteran in the winter road-racing season.

*Bert Flugelman poses with what may prove to be his chef d'oeuvre – the statue to Lawrence Hargrave. The maquette is in the foreground*



### Another Couple of Notches in the University's International Belt

In May, 1988, Wollongong's Centre for Technology and Social Change (TASC) was nominated by the governments of Asia as the Regional Centre for the Science and Technology (S&T) Policy Asian Network (STEPAN), and Professor Hill was elected chairman of STEPAN. The mandate TASC was left with was to take charge of developing S&T policy and management support programs throughout the entire region, and to integrate all international agency support programs on S&T policy and management.

Things have moved on apace since then. STEPAN, with Dr Shantha Liyanage as Project Officer and Professor Hill as Chairman, has now gained official support from most of the 14 member governments for major funding proposals presently being reviewed by UNDP, UNCSTD, Canada's IDRC, Australia's AIDAB and several other international aid agencies. Substantial funding has already been promised for Asian activities by, among other agencies, UNESCO, Paris.

The latest move came from China. On the invitation of the Government of the People's Republic of China, Dr Liyanage and Professor Hill are going to Beijing before Easter to assist the Chinese government to develop proposals for multi-million-dollar aid to support the development and implementation of China's entire science and technology program.

As Professor Hill said, 'We feel both honoured and daunted by the task. However, it most certainly demonstrates the way in which being chosen to implement STEPAN locates the University of Wollongong on the centre stage of the development of the Asian region'.

## Wollongong Scholars to Study 'Euroaustralians'

A group of academics at The University of Wollongong has been commissioned by the Agnelli Foundation of Turin, Italy, to carry out a major research project on Italians in Australia. The Foundation is one of Italy's major private research-funding bodies, and is financially supported by the Fiat Motor Company. The sum involved is \$120,000 over two years.

The project will look at the history of Italian migration to Australia, the situation of people of Italian origin in Australia today, and the role of Italians in helping to share Australian society.

The research team consists of Stephen Castles and Caroline Alcorso of the Centre for Multicultural Studies, Ellie Vasta of the Department of Sociology, and Gaetano Rando of the Department of Languages. In addition a bilingual research officer will be employed, and scholars from other universities will be invited to participate.

Professor Castles said, 'It will not just be historical work. We want to analyse the way Italians are helping to shape Australian culture and life-styles. We will get a group of Italo-Australian and Australian writers together, hold a symposium and write a book called *Euroaustralians: the Contribution of Italians to Australian Society*. We are able to do this type of work because we are a multicultural University, with many descendants of migrants on our staff.

This commission follows the engagement of Dr Bill Cope and Mary Kalantzis of the Centre for Multicultural Studies by the OECD (Paris) to carry out the Australian part of a six-section study on multicultural education. It shows that other countries are realising the relevance of Australia's experience of migration and ethnic diversity for their own problems. Multiculturalism may turn out to be an export success.

Contact Professor Stephen Castles, Director, Centre for Multicultural Studies, The University of Wollongong, 53 Northfields Avenue, Wollongong. Phone (042) 27 0780.

### Illawarra Committee for Overseas Students

The first event on the ICOS committee's calendar for 1989 will be a coach trip to Australia's Wonderland on Saturday April 1. The cost will be \$12 for adults and \$6 for children 4 to 12 years. Times of departure and return will be notified later.

Tickets will be available from the ICOS desk in the Administration Building (see announcement at right) on Tuesday and Thursday March 21 and 23 between 9.30 am and 1.30 pm.

### Education Endowment Fund

An Education Endowment Fund has been launched by the Australasian Institute of Mining and Metallurgy.

The Fund is designed to support measures to encourage and attract young people of appropriate ability into the mineral industry.

The long-term future of the mineral industry will always be critically dependent on the attraction of the best people, who will understand the unusual characteristics of the industry, and be prepared to take responsibility and exercise leadership. The Council of the Institute is concerned that, despite the high level of dependence in

the Australian economy on mineral industry exports, the relatively small numbers of people employed by the industry leads to the impression in the field of education that the industry does not carry the influence which it undoubtedly deserves.

An appeal will be launched by the Trustees, under the chairmanship of Brian Loton, deputy chairman and managing director of BHP. The Fund will be structured to ensure donations by companies and individuals will be tax deductible. The initial target for the Fund is to be \$5 million, and all members of the Institute, companies, suppliers will be approached to assist in meeting this target.

Charles Copeman, President for 1988, has accepted the position of director of the Fund, and will decide the most appropriate directions to which the income from the Fund should be devoted.

Tertiary education institutions which conduct courses of direct relevance to the needs of the mineral industry will be asked to prepare proposals to strengthen the attraction to students of careers in the mineral industry by whatever means may be most effective. Attention will also be given to proposals which can be expected to draw to the notice of secondary school students the opportunities which the mineral industry can provide.

### Panel Speaker at American Accounting Conference

Mr Hai Yap Teoh, a senior lecturer in the Department of Accountancy, is one of three international scholars invited to participate in a panel discussion on Problems of Financial Reporting and Auditing in Developing Countries at a conference in Delaware, USA. The conference will be held in conjunction with the annual meeting of the American Accounting Association, Mid-Atlantic Region, from April 5 to 8.

The invitation was extended in recognition of his research in the area of international accounting. The other two panelists are Professor Abhulimen R. Anao from the University of Benin, Nigeria, and Professor Yoshiaki Jinnai from Tokyo Keizai University.

Mr Teoh will also be presenting a paper at the conference. His paper is entitled 'Interactive Effects of Evaluation Style and Organisational Structure Characteristics of Autonomy and Interdependence on Subunit Managerial Performance'.

### ICOS Officer Appointed

An Administrative Officer has been appointed to work on campus on behalf of the ICOS committee. The person appointed is Ms Wendy Jabri, who will be located in the Administration Building, behind the Student Inquiry Desk on the ground floor.

Wendy will be available on Tuesdays, Thursdays and Fridays from 9 am to 2 pm. Her telephone number will be 27 0216 (or, internally, 3216).

The Committee welcomes Wendy and hope that she will be very happy.

### Increased Funding for Federal Government research

The government has considered a submission on Australia's science and technology capacity from Barry Jones, the Minister for Science, Customs and Small Business.

The government fully agreed to the Minister's proposals to develop a major government statement on

science and technology policy. This will be done as a matter of priority.

Overall responsibility for co-ordinating the statement will rest with Barry Jones, while John Dawkins will be involved with research in tertiary institutions.

The government decided that, although a substantial response was best made in the context of the statement, significant progress could be made in three areas.

First, the government has accepted the principle that CSIRO, ANSTO and AIMS should be permitted to retain all external earnings. Accordingly, CSIRO's budget is to be increased by \$2.1m, \$6.6m and \$11.6m respectively in 1988-89, 1989-90 and 1990-91.

Second, the government will provide \$8.4m in 1988-89 to upgrade equipment in government research facilities.

Third, the government will establish a Science Co-ordinating Committee and appoint a Chief Science Advisor to chair it. The Advisor will report directly to Mr Jones. The Co-ordinating Committee will give particular attention to science issues extending beyond the responsibility of any one government portfolio.

### Attention — Authors

Staff who publish books or journals are reminded that all internal publications for distribution outside the University must have either an international Standard Book Number (ISBN) or an International Standard Series Number (ISSN). For the allocation of numbers and details of copyright libraries to which a copy of all publications must be sent please contact the University Archivist, Annabel Lloyd, ext 3543.

### Uniadvice Courses Beginning Soon

1. Japanese Classes – Beginners and Intermediate. Contact Anna Rousch, ext 3956 internal or 27 0956 external.
  2. Essay Writing Classes for Year 10, Year 11 and HSC students. Contact Anna Rousch, ext 3956 internal or 27 0956 external.
- Numbers for both courses are limited. Early enrolment is recommended.

### The Twin Deficit

A paper dealing with one of the most important issues of the day – 'The Twin Deficit Issue: a Theoretical and Simulation Exercise' – written by two Wollongong academics was presented at the 16th annual meeting of the Midsouth Academy of Economics and Finance, Nashville, Tennessee, from February 15 to 18. The paper, by Dr Charles Harvie and Dr Ed Wilson of the Department of Economics, theoretically analyses and stimulates the relationship between budget deficits and balance-of-payments deficits: it thus attracted a deal of interest because of current US budgetary and external-sector problems and debate.

### Education and Industry Collaboration – a time to act

A major national seminar will be held by the Western Australian Post-Secondary Education Commission on Tuesday and Wednesday April 4 and 5. The aim of the seminar is to attempt a closer relationship between industry and education at all levels. Venue is The Orchard Hotel, Perth.

Registration forms from WAPSEC, PO Box 135, Nedlands, WA 6009 or telephone Peter Rose (09) 389 0200 or fax (09) 389 8182.

## Books and Reading

### Trees of The Illawarra

Kevin Mills of the Department of Geography and Jacqueline Jakeman, formerly of Administration, have combined skills to produce a new book on the vegetation of the Illawarra area. *Illawarra's Naturalised Trees and Shrubs* describes tree and shrub species which were introduced to the Illawarra and subsequently became naturalised. Some of the species are now a serious threat to the integrity of the vegetation of the region while others are likely to become problem species in the future.

In her foreword, Gwen Harden of the National Herbarium comments: 'Since the colonisation of Australia by Europeans many exotic plant species have become introduced. In less than 200 years a significant number of these exotic species have escaped from cultivation and inhabited areas, and have become established in natural plant communities. In the region covered by this book, up to 20 per cent of the recorded species are exotic to the area. Many of these have either become, or have the potential to become, troublesome weeds, especially in disturbed sites.'

*Illawarra's Naturalised Trees and Shrubs* is a companion to *Native Trees of Central Illawarra* by Leon Fuller and Kevin Mills, and *Wollongong's Native Trees* by Leon Fuller. It is primarily a field guide, with plant descriptions and sketches to aid in identification. It is the first publication to record detailed information about the distribution and ecology of naturalised species in the Illawarra and, as such, it will enable assessments to be made about the control of particular weed species.

*Illawarra's Naturalised Trees and Shrubs* was written by Kevin Mills and illustrated by Jacqueline Jakeman, and is available from the author (phone 83 5998) and from the University Co-op Bookshop.

### Future of Work

Stan Aungles, Lecturer in Science and Technology Studies, University of Wollongong.

Stan Parker, Visiting Fellow, Flinders University, South Australia.

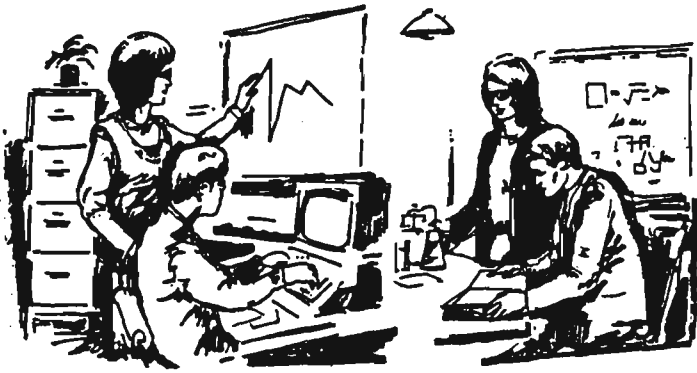
*Work, Organisations and Change: Themes and Perspectives in Australia.*

Published by Allen and Unwin, for release in early April 1989.

The book brings together Australian and overseas material on the future of work and organisations and shows how changes at work are reported quite differently in two bodies of literature. Thus major differences in interpretation are seen when management-orientated approaches are compared with worker-orientated approaches on such issues as work-rationalisation techniques, new technology, skill, the role of the trade unions, industrial democracy, organisational structure and the role of education in relation to work. The text also shows how the different approaches become reinforced through pedagogic processes in higher learning establishments.

### Publication (refereed journal)

Michael Zanko, Department of Management, 'Rehabilitation Networks: Features and Implications'. *Journal of Occupational Health and Safety – Australia and New Zealand*, Vol 4 No. 6 pp. 521-526.



## Staff Roundup

### Easter Deadlines for Pay Period Ending March 30

The ensuing deadlines will apply for the permanent and casual payrolls for the pay day of March 30.

#### Permanent Payroll

- Overtime claims
  - Bank detail alterations
  - Deduction additions or alterations
  - Shift allowance claims
  - Tax declarations
  - Miscellaneous pay variations.
- Noon Monday March 20.

#### Casual Payroll

- Casual Employment Authorities
  - Part-time Teaching Commitment and Authority Forms.
- Noon Wednesday March 22.
- Casual Timesheets
  - Part-time Teaching claim forms
  - Practice Teaching claim forms
  - Miscellaneous casual payments.
- Noon Thursday March 23.

Please note that these deadlines will be strictly adhered to. Any payroll documentation received after the above deadlines *will not* be processed until the pay period ending April 13.

To avoid inconvenience or non-payment please help us by ensuring that all variations and claims are in the Salaries Office ahead of the above dates.

If you have any queries regarding the above or any other matter please do not hesitate to contact the Salaries Office on ext 3914.

### Staff Development Courses

The following courses are open to all staff members:

#### Effective Meeting Skills (April 3)

Frustrated by meetings that seem to go nowhere? Whether you are the meeting leader or a participant who wants to make a more constructive contribution, this workshop will assist you to develop the skills to make your meetings more productive.

In response to an academic survey conducted last year, the following workshops have been scheduled for academic staff to address the specific areas identified in the survey.

#### Conflict Resolution in an Academic Setting (March 31)

Professor Ingrid Moses (University of Technology) and Emeritus Professor Ernest Roe will present this one-day seminar. Using case studies from an academic setting the presenters will look at the definition of conflict, disagreeing diplomatically, types of conflict behaviour and techniques for resolution.

#### Research Leadership (April 7)

This seminar will be presented by Professor Ron

Johnston from TASC and address current issues surrounding research in an academic institution – creating an innovative organisation, improving creativity, managing research projects, determining industry needs, consultancies and patents.

Blue nomination forms to Shirley Jorgensen (Personnel). Inquiries, extension 3946.

### Tax File Number

Recent Government legislation requires all employees to provide their employers with their Tax File Numbers.

By 1 April 1989 all employees are required to complete an Employment Declaration and the Tax File Number is to be shown on that Declaration. The previously submitted Income Tax Instalment Declarations will cease to have effect from that date.

*If you do not complete an Employment Declaration...*

An employee who does not complete an Employment Declaration or who does not quote a Tax File Number, will be taxed at the top marginal rate plus Medicare levy, approximately at tax rate of 50 per cent.

*If you have a Tax File Number but cannot find it...*

*If you do not have a Tax File Number...*

*If you are not sure if you have a Tax File Number...*

You should fill in a *Tax File Number Application/Enquiry* form immediately and lodge it at your nearest Post Office. You should then fill in an *Employment Declaration* and indicate you have lodged the application/enquiry form. The *Employment Declaration* should be lodged with the employer, (i.e. with the Salaries section). When both of these actions have been taken you will be taxed at the reduced rate for a period of 28 days. Within this 28 days you should receive notification from the Taxation Office of your Tax File Number. If you do not pass this information on to the Salaries section the section will be legally obliged to tax you at the higher rate at the end of the 28-day period.

Employment Declaration forms are available on campus, as well as at Post Offices. The Tax File Number Application/Enquiry form is available only at Post Offices.

Please remember it is your responsibility to supply the above information by 1 April 1989. It will assist the Salaries Section staff if you could get this information to them as soon as possible.

If you require further information please contact the Salaries Section, Personnel Services Branch or the Tax File Number Hotline on 008 033476.

### Academic Staff Recruited From Overseas

Academic staff who have entered Australia on a Temporary Residence Visa should note that there has been a change to policy regarding the employment of dependants.

Dependants are now able to undertake paid employment, and a variation to status can be approved by the Wollongong office of the Department of Immigration, Local Government and Ethnic Affairs, without payment of a fee.

Further information is available from Ross Walker or Irene Burgess, ext 3934/3202.

### Passion Music for Good Friday

The University Singers conducted by David Vance present Passion Music for Good Friday.

A concert of music by Byrd, Gabrieli, Tallis, Gesualdo, Lotti and Croce.

All Saints' Anglican Church, Gibsons Road, Figtree.  
Friday March 24, 8 pm. Admission by program.

# Research Funds

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

## Health and Community Services Research and Development Grants

Applications are invited for grants for investigation into health and community care services. The purpose of the grants is to improve, through research and evaluation, the techniques and practices of administration, planning and delivery of health and community care in Australia.

Applications close with the University any time.

## Scholarships, Fellowships and Prizes

### Rikkyo University Research Fellowships

Rikkyo University, Tokyo, Japan, invites applications for participation in its fellowship program for 1990-91. For the purpose of encouraging international academic exchange, scholars from abroad, utilising Rikkyo's research facilities and research organisation, can engage in joint research with members of Rikkyo's faculty or pursue their own specific research project.

Applications close with the University on June 16.

### Japanese Fellowship – Matsumae International Foundation

The Matsumae International Foundation is offering fellowships in Japan for periods of from three to six months from 1 April 1990 to 31 March 1991. Fields such as natural science, engineering and medicine are given first priority. The Fellowship provides financial assistance for travel, accommodation and maintenance.

Applications close with the University on August 17.

### AINSE Research Fellowships

AINSE Research Fellowships are offered by The Australian Institute of Nuclear Science and Engineering for post-doctoral scientists and engineers wishing to undertake research projects within the Institute's field of interest. Minimum tenure is two years.

Applications close with the University on August 17.

### AFUW (Qld) Fellowships

The AFUW (Qld) invites applications from all members of the International Federation of University Women for the following fellowships:

*Freda Bage Fellowships* – for postgraduate research for a maximum period of three years with an annual stipend of \$10,000. This fellowship is not tenable at the applicant's Alma Mater.

*Audrey Jorss, Freda Freeman Fellowships* – for postgraduate research for a maximum period of one year with a stipend of \$10,000.

Applications close with the University on September 16.

## Previously noted in Campus News

	Internal Closing Date
The Australian Biological Resources Study	March 27
The Autism Trust Grants	April 1
The English Speaking Union (NSW) Scholarships	April 6
Australian Water Research Advisory Council Grants and Awards	April 14
Rudi Lemberg Travelling Fellowship	April 16
Clive and Vera Ramaciotti Foundation Grants	June 16

## EEO news...

### Academic Women's Co-ordinating Committee

With the new academic year now well under way, it is time to call for volunteers interested in becoming members of the Academic Women's Co-ordinating Committee. This committee was established in June 1988, after an open forum attended by staff from all Faculties, including professors and Department heads. Its objective is to develop strategies to improve the participation of women in academia at The University of Wollongong.

A meeting is scheduled for April 27, to discuss issues and strategies for 1989. One area that has been identified is the need for a cohesive approach to Affirmative Action for women students at the University. This thrust was confirmed by the recent University Planning Conference. I now invite any member of the academic staff who is interested in sitting on this committee to contact me on ext 3917.

The brochure on part-time work at The University of Wollongong which was developed by the members of the EEO sub-committee on Conditions of Employment for Part-time staff in conjunction with staff from Personnel Services has been printed and is available by contacting the EEO Unit on ext 3917 or 3030.

Peg MacLeod  
EEOC, ext 3917

## Concerts, Exhibitions and Entertainment

### The Art of Lunch

*The Art of Lunch* started in 1988 as a showcase of weekly performances for School of Creative Arts' activities. It features staff, students and visitors to the School in a diversity of arts activities. This session's program features an exciting mixture of cabaret, concerts of Baroque, contemporary and popular music, writers reading from their own work, short plays, and visual arts events. All performances are free and open to the public and are held weekly on a Thursday (during session lunchtimes from 12.35 to 1.25) in the Music Centre, Building 24, on the western side of the campus. The School of Creative Arts is a unique and extraordinary department. *The Art of Lunch* is the School's gift to the University and the community at large.

March 23: Head of Visual Arts at the School of Creative Arts, Liz Jeneid presents a Textiles Event. Venue: Music Auditorium.

April 13: Playwright Alex Buzo is writer-in-residence at the School of Creative Arts in 1989 and will read from recent work. Venue: Theatre.

April 20: John Stender presents a recital of Baroque music for violin and harpsichord. Venue: Music Auditorium.

## Seminars

### Department of Computing Science

Date: Friday April 7, 1.30 pm

Venue: Building 44/Skylab

Topic: *MacTurtle. Tutor or A novel, object-orientated program for teaching Turtle geometry on the Macintosh microcomputer.*

Speaker: Mr Bede E. Murray, Postgraduate Student,

Department of Computing Science, The University of Wollongong.

MacTurtle is part of a microworld package designed to assist students learn elementary geometry. It is novel in that it features a mouse-controlled student-machine interface as well as a tutoring module. This program uses a data structure called a genetic graph to model the growth of the student's knowledge, not just his/her level of expertise.

Visitors parking on University grounds will be charged a parking fee of \$1. This fee will be reimbursed by the department.

Alex Zelinsky  
Convenor

### Department of Philosophy

Date: Friday April 14, 10.30 am

Venue: Department of Philosophy Seminar Room, North Wing, Social Sciences Building, The University of Wollongong.

Speaker: David Braddon-Mitchell, The University of Wollongong.

Topic: *For Causal Reductionism.*

Inquiries to Ms S. Uniacke, (042) 27 0604.

All welcome.

### Department of Accountancy

Seminars have been scheduled for March and April of this session. All seminars are held in the Social Sciences Building, Room 2001, in the Department of Accountancy starting at 11 am.

Date: Friday April 14

Topic: *Growth of Small Manufacturing Business in Sri Lanka.*

Presenter: Dr H. Wijewardena, Department of Accountancy.

Date: Friday April 28

Topic: *Cognitive Style as a Factor in Accounting Students' Performance in Multiple Choice Examination.*

Presenters: Mr Robert Shanon and Mr Hai Yap Teoh,

Department of Accountancy.

Everyone interested is cordially welcome. Inquiries to Hai Yap Teoh, tel. 27 0625.

## Visit by Cardinal Clancy

Please complete the form below and return it to Muriel Murada by March 31. The number of tickets is limited. To be sure of a place you should reply as soon as possible.

Name .....

Address .....

..... Phone .....

Number of dinner tickets at \$25 a head: .....

Number of vegetarian meals required: .....

Enclosed cheque/money order for \$ .....

Return to: Muriel Murada, The University of Wollongong, PO Box 1144, Wollongong NSW 2500.  
Phone: (042) 27 0073.

## School of Learning Studies - Session 1

All sessions are on Wednesdays at 12.30 pm in Room 21.104. Coffee and tea provided

Date: March 22

Topic: *Intertextuality: Echoes of Mark Twain in Australian Children's Literature.*

Speaker: Mr Michael Stone.

Date: April 12

Topic: *Secondary School Vocational Education: The Papua New Guinea Exercise.*

Speaker: Dr Michael Wilson.

Date: April 19

Topic: *Some Curriculum Issues in the New Syllabus Document 'Contemporary English' and 'Writing K-12'.*

Panel: Dr Ted Booth, A/Prof Brian Cambourne, Dr Anne Cranny-Francis.

Date: April 26

Topic: *Using Systemic Linguistics in Education: A New Imperialism?*

Panel: Ms Beverly Derewianka, Ms Jenny Hammond, Ms Jan Wright.

Date: May 10

Topic: *Solidarity, Power and Intimacy in Physical Education Lessons.*

Speaker: Ms Jan Wright.

Date: May 17

Topic: *Telling Lives or Lively Telling? Biography and History of Education.*

Speaker: Dr Noeline Kyle.

Inquiries to Bill Winsler, ext 3963.

### Department of Mechanical Engineering

Topic: *EHD Enhancement of Heat Transfer.*

Speaker: Dr Paul Cooper, Lecturer, Department of Mechanical Engineering.

Date and Time: Wednesday March 22, 11.30 am

Venue: The University of Wollongong, Building 8, Seminar Room.

## Advertisements

### SALE BY TENDER

The University has a Toyota Hi-Lux Dual Cab Utility, Reg OKM-762 available for sale by tender. No guarantee is offered on this vehicle. Terms of sale are cash or bank cheque. For inspection call (042) 27 0500 Steve Cooper. Tenders close 11.30 am March 22. Tenders should be placed in a sealed envelope addressed to 'Supply Office, University of Wollongong, PO Box 1144, Wollongong, NSW 2500' and noted on the outside front 'Tender for vehicle OKM-762'.

Also for sale are:

1. Ford Falcon Station Sedan, 1987 (OFE-602), and
2. Mitsubishi Sigma Station Wagon, 1986 (OFJ-246).

Inspection times: 8.30 am - 10.30 am and 12.30 pm - 1.30 pm.

The University offers no guarantee on these vehicles. Terms of sale are cash or bank cheque. For inspection of Car 1, please call Mr C. Cook on (042) 26 8811 and for Car 2, Mr G. Parsons on (042) 27 0936.

Tenders close 11.30 am March 31. Tenders should be placed in a sealed envelope addressed to Business Services, University of Wollongong, PO Box 1144, Wollongong 2500, and noted 'Tender for Motor Vehicle'.

### TO LET

Two-bedroom penthouse, 2 bathroom, 3 open balconies, lock-up garage, close to Wollongong hospital. Phone 27 0081 before 2 pm or 28 8669 after 2 pm.

### LOST

Grey cashmere cardigan, of sentimental attachment. Before Christmas, probably in the vicinity of Building 19. Phone Helen ext 3626 or (02) 76 6365.

### GOING AWAY?

Going away for an extended period? Do you live in the northern suburbs? A professional responsible female will mind your home after June '89. Rent negotiable. Graduate of this University. References. Contact Gay Curtis (02) 668 9923(w) or (042) 67 2805.

### WANTED

Home for 8' x 6' electric train layout and transformer. FREE. Ph Barry Russell, ext 3531.