

# THE UNIVERSITY OF WOLLONGONG

# CAMPUS NEWS



Distributed each Tuesday

Deadline for copy noon Monday  
of previous week

Editor: George Wilson, Tel. (042) 270391

13 October 1987

## LEGIONELLA TESTING FACILITY INCLUDED IN NEW CENTRE

The aims of the newly established Centre for Applied Biology are to utilise the knowledge and skills of the multi-disciplinary team in the Biology Department, and other units, to undertake specific contracts, as well as short- and longer-term research projects of direct benefit to the community. Director of the centre is Professor Helen Garnett.

The establishment of this centre has been supported by Wollongong Uniadvice Ltd, the University's consultancy company, and by Purotec Pty Ltd, a water purification company which is supporting research into improved detection, control and eradication of micro-organisms in water systems, particularly Legionella bacteria. The centre will undertake regular testing of water for Legionella and other micro-organisms, which new legislation dictates must be performed on cooling towers and the like.

The expertise of the centre is in two major areas of modern biology. The first is the application of modern cellular and molecular biological science — **Biotechnology**. Expertise in plant cell culture, animal cell culture, algal culture, microbial culture, antibody technology and nucleic acid technology enables the staff to participate in projects aimed at improving the productivity of plants and animals and the development of detection systems for specific pathogens in biological material and in the environment at large.

The second field is environmental biological science — **Ecotechnology**. By utilising their experience in the knowledge of biological systems and how they react to perturbation, the staff aims to predict how we can accommodate a continuing use of the living resources of Australia without irreversibly degrading these systems. Hence particular problems in which advice can be given and research undertaken include the ways in which urban and rural development can be accommodated without irreversibly damaging water quality, soil quality and our native flora and fauna; the impact/influence of native plants and animals on food crops, reforestation.



Professor Helen Garnett in her laboratory

## KEIRA VIEW CORRIDOR — LANDSCAPING WORKS

Construction work will begin on the landscaping and site works for the Keira View Corridor starting on Wednesday October 7. The construction is estimated to take eight to ten weeks to complete. Any inconvenience which may be caused is deeply regretted.

M.S. Wong

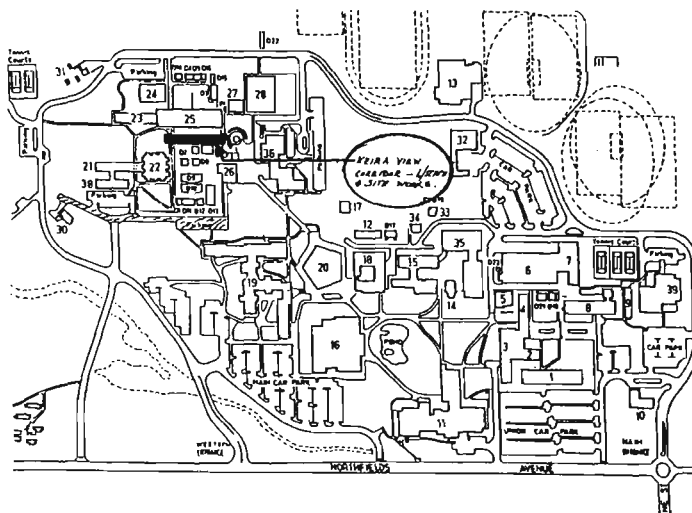
### Research and Entrepreneurship

Week 4 Workshop October 14  
Illawarra Technology Centre 5.30 to 7.30 pm

#### The New Australian Research Council

— Its objectives, structure and implications  
Speaker:

Dr Hugh Preston, Secretary, Australian Research  
Grants Scheme, Department of Employment,  
Education and Training



## General Notices

### UNIADVICE – CHANGES TO THE CORPORATE STRUCTURE

Shortly you will hear that Uniadvice (the Friends of The University of Wollongong Ltd) has ceased operation.

We will be starting operation as Wollongong Uniadvice Ltd, a separate company of limited guarantee, incorporated in NSW. The Vice-Chancellor Professor Ken McKinnon has agreed that the company will operate as an independent corporate activity of The University of Wollongong. This has been endorsed by the University Council. The company will continue to be accommodated in the premises at 49 Northfields Avenue.

The changes to the corporate structure have been brought about by a number of factors, including a significant increase in our activities over the past few months. The value of contracts written so far this year is now approaching \$900,000 in total. This compares with the 1986 turnover total of approximately \$350,000.

Of interest is the establishment of a number of Centres of the University. These are the Centre for Transport Policy Analysis (Director Dr Ross Robinson), the Microwave Applications Research Centre (Director Professor Howard Worner) and the recently established Centre for Applied Biological Research (Director Professor Helen Garnett), described on page 1 of this issue.

These centres employ a total of ten researchers on a full-time or part-time basis at no expense to the associated departments. Additionally, Uniadvice recently absorbed the activities of the Centre for Continuing and Professional Education as a division of the company. This employs an additional two people.

Uniadvice is also presently negotiating to establish three more centres for the University. Each will be underwritten by the company and will include research and consulting as the two main components of their activities.

We will also announce soon (see below) the beginning of a Software Publishing operation in association with Professor Hugh Bradlow and the Department of Electrical and Computer Engineering.

The support of the University in these initiatives has opened the doors for a more vigorous and viable consulting operation. The decisions of real importance to this have been the following –

- All fee-paying non-award courses will be contracted through Uniadvice.
- All contractual consulting (not related to the specific activities of ITC) that utilise University resources must be written by Uniadvice.
- Uniadvice will administer all intellectual properties (patents and licensing agreements) on behalf of The University of Wollongong.

The Director General of TAFE has agreed to permit Illawarra TAFE staff to be covered by Uniadvice for co-consulting work and we have the capacity to enter into joint consultancies with other recognised higher education institutions and outside private consultants.

Uniadvice is an approved research institute in its own right (i.e. contracted research of an approved nature will attract the 150 per cent tax rebate).

As you can see Wollongong Uniadvice Ltd is indeed in an excellent position to help your department with any initiatives aimed at supplementing your department's income.

The company can offer corporate coverage for you, thus avoiding the expense and effort of establishing and underwriting a company. We can underwrite staff, materials and equipment expenditure for feasible projects and our professional indemnity insurance, workers compensation coverage and administrative support staff can help you at

little cost to your activities. The implications of expenditure restrictions in today's tight economic climate will not be short lived.

Should you or any member of your staff be interested in the possibilities of a new initiative please contact me. I shall be happy to discuss this with you. Thank you for your support, past, present and future.

Peter Sophios

### COMPUTER SOFTWARE MARKETING

Wollongong Uniadvice Ltd has obtained the agreement of The University of Wollongong to establish a division for computer software marketing.

It is intended that this service will offer the opportunity to all staff at this University or at other Australian universities a facility to market their software programs, without the necessity of investing large sums on the production of copies of their programs to supply to retailers.

The Department of Electrical and Computing Engineering will help in the production of the software disc (in either hard disc, floppy disc or tape) for the client. The company will also produce and distribute a brochure offering all assigned software programs to clients.

#### **Uniadvice Contribution**

Wollongong Uniadvice Ltd will underwrite the cost of production of demonstration tapes, promotional material and instruction material.

To allow this each designer will be asked to enter into an agreement, allowing him or her a percentage of the retail price to be paid as a royalty on sales. The percentage will vary depending on program size, type and so on. The balance of earnings will be retained by the company.

The Department of Electrical and Computer Engineering will also be allowed a percentage to cover equipment purchases, production and labour costs.

Wollongong Uniadvice Ltd will use its share of the mark-up of the product to recover the investment in hardware, marketing and product promotions, investment in new programs and upgrading of existing programs to meet market requirements.

The company will supply an audit of sales of your product at the end of each year and will also then make payments to the designer.

All surplus funds will be voted by the Board of Directors of Wollongong Uniadvice Ltd for programs intended to benefit the University.

***First call on the earnings from sales of your program will be to recover the costs associated with your product only. All earnings after deduction of costs will be distributed in accordance with the agreement. Your share of profits will not be invested in another product without your written consent.***

If your product is commercially viable you will make money. If it is not you will not lose money.

For further information please contact Peter Sophios, Wollongong Uniadvice Ltd, PO Box 1144, Wollongong NSW 2500. Telephone ext 3076 or (042) 270076.

### DAVID DOLAN ON COWIE, COWIE AND COWIE

An exhibition of paintings and drawings by David, Edward and Ronald Cowie was opened in the Long Gallery on September 29 by David Dolan, Curator of the Nolan Gallery, Canberra. Mr Dolan was asked and agreed to open the exhibition when recently visiting the School of Creative Arts as a guest lecturer in the History of Arts program.

In his address he said that the history of art was full of instances of interesting and productive sibling relationships. In the visual arts and crafts in earlier centuries when family workshops thrived, artists often learned from their parents, worked with their brothers and sisters, and taught their children. A similar situation applied in music, with siblings such as the Menuhins in modern times, and in the past whole dynasties – Bach's was perhaps the most famous.

In view of the interdisciplinary approach of the School of Creative Arts, David Dolan said that he felt free to range beyond visual arts and music, and cited examples from theatre, dance, Hollywood movies, and English literature (Charles and Henry Kingsley, the Bronte sisters) among others. Nor are the arts the only field of human endeavour where this occurs. When professional instrumental musician William Herschel turned professional astronomer in the late 18th century, his vocalist sister Caroline continued in partnership with him and discovered a number of comets.

In the case of the Cowie brothers, it was interesting to see similarities in the basic subject-matter and elements of style of the work of David and Edward, but with Edward's imagery also reflecting his personal and professional involvement in music.

David Dolan said also that it was not only students concentrating on visual arts who benefit from exhibitions in the Long Gallery. 'I hope that the School of Creative Arts will soon get its proposed gallery extension, with climate and security controls, which would enable the presentation of a greater number and variety of top quality exhibitions.'

## TEACHER INSERVICE EDUCATION

A meeting, sponsored jointly by the New South Wales Institute for Educational Research and the Faculty of Education, The University of Wollongong, will be held at the University on Friday October 16 (from 5.30 pm to 7 pm in the Bistro for dinner and from 7 pm to 9 pm in the Northern Lounge). Supper will be provided after the meeting.

### Topics will be

**Teacher Professional Development: Patterns of Involvement and the Rating of Perceived Needs.** Presenters: Dr Bob Connors, St George Institute, and Mr Geoff Howe, Education Commission.

**Teachers Talk About Inservice Education.** Presenter: Dr Peter West, Nepean College of Advanced Education.

Convenor of the meeting is Dr Lyn Gow, Faculty of Education, telephone (042) 270733.

## CONGRATULATIONS TO ONE OF OUR STAFF MEMBERS

Troy John Roach, an Apprentice Refrigeration Mechanic, Buildings and Grounds (Maintenance and Services), is declared the State Award Winner (third in the 'Work Skills Australia'); Highest Pass, Stage 2, Refrigeration Trade Course. He was also first, Stage 2, Refrigeration Trade, Sydney Technical College.

Troy's interests are weights and his motorcycle. He is a member of John Dorahy Fitness Centre.

## SALE BY TENDER

The University has the following vehicle available for sale by tender.

Ford Falcon Sedan — Reg. No. NPF-510

The University offers no guarantee on this vehicle. Terms of sale are cash or bank cheque. For inspection call (042) 270936 Mr G. Parsons.

Tenders close October 19 at 11.30 am.

Tenders should be placed in a sealed envelope addressed to Supply Office, University of Wollongong, PO Box 1144, Wollongong, NSW, 2500, and noted 'Tender for Vehicle NPF-510'.

## COMPUTER BASED EDUCATION AND TRAINING

WICAT Systems Pacific Pty Ltd has kindly agreed to provide an eight workstation CBE system for a two-week trial to begin on October 26. Interested departments, schools, centres and individuals are urged not to miss this opportunity for extensive demonstration and evaluation.



*Still life by David Cowie*

The Computer Training Division of the Technology Centre will manage and co-ordinate usage. WICAT personnel will be available throughout the trial period to provide demonstrations and technical information.

A wide range of courseware will be available: computer literacy; keyboard skills; mathematics and numeracy; English and spelling; French (with audio); psychometric testing. A comprehensive guide to the software to be installed is available on request.

Contact Dr Ken King at the Technology Centre for further details. Telephone ext 3777 or 268885.

## INTENSIVE COMPUTER TRAINING COURSES

Places are available on the following courses:

1. Introduction to MS-WORD October 21 and 22
2. Advanced dBASE III PLUS October 28 and 29  
Upgrade your skills. Sign up today.

Computer Training Division, Illawarra Technology Centre. Contact Nick Theodore or Ken King on ext 3777 or 268885.

## LOCK UP BEFORE LEAVING

Neighbourhood Watch, Keiraville and Gwynneville, has issued a long-vacations warning. The Watch reminds those living in student accommodation to make their rooms secure when they are away. Departures should be low-key, with all doors and windows locked. Arrangements should be made to keep mailboxes clear — an overfull box is the easiest clue to an empty building or apartment. Staff members are asked to remind their students to take these elementary but essential precautions.

## SUMMER SESSION: SOMETHING FOR EVERYONE

Since 1982, The University of Wollongong has offered courses to the general public and continuing tertiary students over the December/January period, thus maximising the use of facilities and increasing access to tertiary studies.

*continued overleaf*



## General Notices

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Concentrated six-weeks courses enable tertiary students to gain credit points and speed up the progress of their degree. Students from other universities may undertake these courses and count them towards their degree so long as they first obtain permission from the institution in which they are enrolled.

General-interest courses are available to the public and may serve as an introduction to further university study. This year courses in languages (Japanese, Latin, Spanish and German), human rights, society and culture, revolutions in science, film and television production, communications, and computing are offered.

Professional development courses are also available, including Micro-Computers for Engineers and bridging courses in Chemistry, Physics, Mathematics and Study Skills are offered for intending tertiary students.

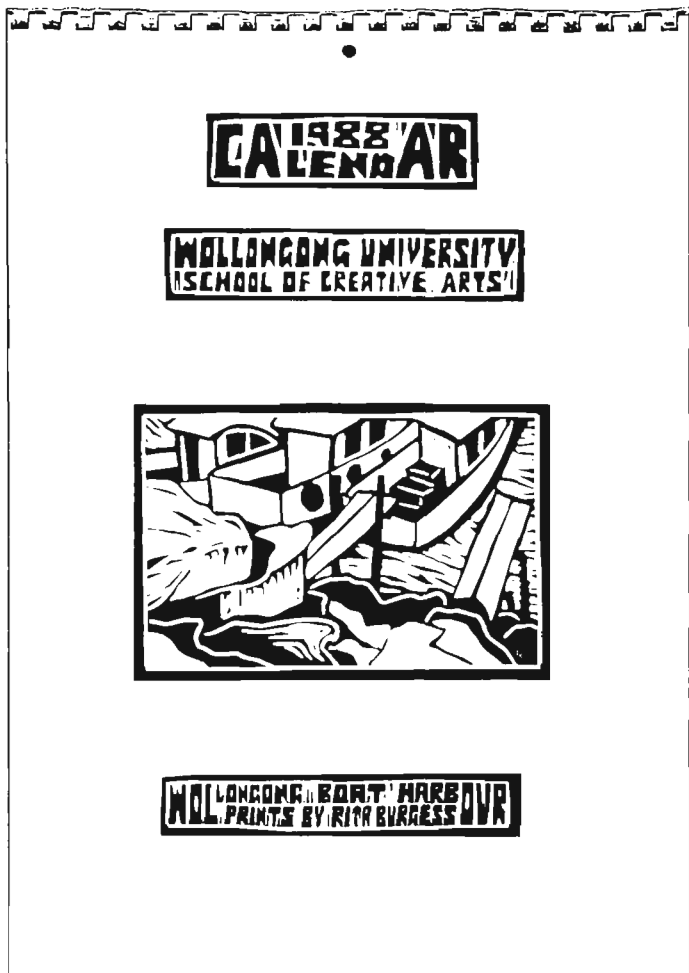
Low-cost accommodation at the University's Halls of Residence and child care facilities are available. Details are contained in a brochure available by phoning the University on 042-270927. Applications should be received by October 31.

### 1988 ILLUSTRATED CALENDAR BY RITA BURGESS

All third-year School of Creative Art students have to carry out a special project alongside their major subjects.

Rita Burgess studying printing and ceramics has this year carried out numerous drawings and paintings inspired by Wollongong harbour. As a special project she decided to design an illustrated calendar, again inspired by her Wollongong harbour studies. This she carried out using lino to cut in her bold simple designs which she hand-painted. Each month has its own lino-cut image under which she has freely cut in the days and numerals.

Front cover of the Rita Burgess calendar. Height is 45 cm and width 31 cm



Having done a limited hand-painted edition, it was decided to convert this calendar into a School of Creative Arts Wollongong University calendar.

Patrons of the School monies were set aside to have 250 calendars printed at the University Printery. The Printery used selected paper and the images were then photographically transcribed on to plates for printing. Printing is of a high standard, preserving the dense blacks of the originals in contrast to the white paper.

These calendars will of course coincide with the 1988 bicentennial founding of European civilisation and are thus likely to become collector items. Copies are available from Sheila Hall (the Long Gallery, School of Creative Arts, ext 3996) to whom inquiries may be made Monday to Friday.

It is to be hoped that the Administration personnel will also make these calendars available to official University visitors. For, on the front cover, the School and the University form an inspired frontispiece.

J. Eveleigh

### FURTHER DEVELOPMENT OF WOLLONGONG'S ASIAN CONNECTION

TASC and the Department of Sociology have again been recognised within Asia for the contribution to the development of technology and society research programs.

The Pacific Science Association (PSA) held their congress in South Korea in August, and elected Professor Stephen Hill as Chairman of the International Social Science Committee of the PSA, in recognition of the sociological work he has been doing in Asia and the Pacific over the past 20 years.

Professor Hill has also been invited to Tokyo this month as one of five experts (drawn from the USA, Germany, Korea and Australia) to review the United Nations ESCAP project that is developing technology-based planning in the region.

### TERRA AUSTRALIS TO AUSTRALIA

Two copies of the registration bulletin for the Terra Australis to Australia conference, which is to be held in Sydney and Canberra in August 1988 and is already attracting world-wide attention, have been received by *Campus News*. The conference is to be organised by The Australian Academy of the Humanities as an Australian Bicentennial activity.

The booklets are with Annette at the reception desk in Planning and Marketing on the first floor of the Administration building.

## Letters

SIR!

Your correspondent, Leo Sturman, claims to be perturbed. I would add the words confused and antagonistic in regard to his reaction to the sign in the EEO office.

Such signs are intended as an encouragement, or a rallying call, to women who are often undervalued and, indeed, 'invisible' members of the workforce.

Don't take things so seriously, Mr Sturman. I had a similar sign in my office in England, but feel only amusement in using a keyring presented to me by a student proclaiming 'Men give orders, Women obey, Anything else leads to confusion'.

Incidentally, the 'Sisters' (that betrayed your true feelings) were being kind. The full quote is actually 'Anything a woman does must be done twice as well as a man to be considered half as good.'

Luckily, this is not difficult!

Chris Plumbridge (Mrs)



## Staff Roundup

### AIDS AND THE HUMAN IMMUNODEFICIENCY VIRUS (HIV): THE UNIVERSITY'S PERSPECTIVE

The University acknowledges that although HIV is a serious social problem, it is a personal disease and because of this it recognises the rights of individuals with regard to notification of the disease and their ability to perform normal tasks without endangering other staff. Should any person choose to advise their supervisor of his or her condition, this information will be treated with confidence.

The University recognises its responsibility to acquaint its First Aid staff with basic knowledge relevant to HIV and other diseases. Such precautions include the provision of disposable gloves for use in cases of injuries involving external bleeding and normal household bleach for disinfection.

The HIV virus is a specialised fragile virus and to date there is no evidence of its spread by casual social contact. The University's policy is to treat it in the same context as all other communicable diseases. Precautions against transmission by blood, urine and faeces should be general basic hygiene procedures which apply for many communicable diseases.

There may be occasions where human tissue including blood, saliva and urine, rather than animal tissue, is used in experimentation and research. In these cases the following guidelines are recommended:

**when patient blood samples are used**, they should be screened as for Blood Bank blood. To meet the standards required for blood transfusion, this means patient blood should be tested for syphilis, hepatitis B and HIV prior to use in undergraduate classes.

**if student blood samples are used**, individual students should preferably use their own blood.

N.B. Students or staff who know they are AIDS antibody positive should also observe the precautions outlined below if blood is spilled.

#### **Use of blood in Research Laboratories**

All blood should be handled **as if** it is infectious.

The University will not discriminate against people on the grounds of the HIV infection. However, the University acknowledges that there may be some positions into which the placement of a person carrying the virus is contra indicated. In such circumstances the University's responsibility for the safety of its staff will be of paramount importance.

The University will make available to its staff and students up-to-date information on the disease as it becomes available.

List of contact points for advice on AIDS and related problems:

- Sexual Health Clinic, Port Kembla District Hospital, telephone 755826.
- Albion Centre Hotline, 150-154 Albion Street, Surry Hills, 2010. Telephone (02) 3324000 (10 am - 10 pm)
- STD Clinic, Sydney Hospital, telephone (02) 273634 (Male Clinic) (02) 274851 (Female Clinic).

### **Precautions When Handling Human Blood**

- Avoid contact with blood if your own hands or lower arms have open cuts or unhealed wounds.
- Use disposable gloves. Wash hands, lower arms and any other bodily parts in contact with, or splashed by, blood. Thorough washing with soap and water is adequate.
- Place blood-stained waste materials in a plastic bag and seal for disposal or incineration.
- Thoroughly wash scissors or other instruments in water to remove any blood; instruments can be effectively sterilized by soaking them for 30 minutes in household bleach.
- Wipe down desks, equipment, or other bloodied areas with cold tap water and then with household bleach (sodium hypochlorite) freshly diluted 1 to 5 with water.

K.E. Baumber

University Secretary

### FUTURE PLANNING: CAREER DIRECTIONS FOR WOMEN

The EEO Unit, in conjunction with Staff Development, is offering a short career counselling course for women. It will consist of four two-hour sessions to be held on consecutive Mondays, 9.30 to 11.30 am beginning November 16.

The exploration workshop will utilise group discussion, goal setting, and the examination of values and skills to develop individual work profiles. The objectives of the program will be to find personal career directions and explore work options.

Space is limited and there will be a preliminary course assignment, so if you are interested, contact Janet Sturman (EEO Unit) on ext 3917 or Wendy Raikes (Staff Training Co-ordinator) on ext 3946 before October 15.

### DEVELOPMENT LEAVE 1988

Applications for Development Leave during 1988 close on October 15 this year.

The Development Leave for General Staff Scheme has been operating for three years now, with a total of ten staff having participated. Development Leave may be taken either in Australia or overseas, and is intended to enable a staff member to complete a program of study and/or visits of mutual benefit to both the staff member and the University. Generally, the period of leave will not exceed three months. A contribution to travel and other costs may be available.

As a limited number of awards are available each year, the scheme is a competitive one. Applicants must be able to demonstrate substantial benefits from the proposed Development Leave program.

Full details of the terms, conditions and requirements of applications for Development Leave are available from Wendy Raikes, ext 3946.

### NEW TRANSPORT ALLOWANCE

The transport allowances have recently changed with the new rates as follows:

Engine Capacity	Rate
Over 1600 cc	24.1 cents per kilometre
1600 cc and under	20.2 cents per kilometre

Further details: Peter Maywald, ext 3798.

### CHRISTMAS/NEW YEAR HOLIDAYS – 1987/88

The University will be closed from Friday December 25 to Friday, 1 January 1988 inclusive for the observance of the following holidays.

Friday December 25	Christmas Day Public Holiday
Saturday December 26	Boxing Day Public Holiday
Sunday December 27	Normal Weekend Day
Monday December 28	Additional Public Holiday

Tuesday December 29 )  
Wednesday December 30 ) University Concessional Days  
Thursday December 31 )  
Friday 1 January 1988 New Year's Day Public Holiday

The abovementioned University concessional days are granted in accordance with agreements between the University and the General Staff Unions, which provide that the days falling between Christmas Day and New Year's Day which are not gazetted as Public Holidays in the State of NSW are granted as University concessional holidays.

Staff who are required by the University to work on those days granted as university concessional days will be granted the same period off duty at a mutually convenient time within the ensuing two months.

Staff members working under Award 19-day four-week arrangements whose rostered day off would normally have fallen within the close-down period should arrange with their supervisor to take their day off either before December 25 or during the first week in January 1988.

Further details from Petery Maywald, ext 3798.

## THE 'NEW' SUPERANNUATION FUND VIDEO

Staff who are eligible to join the State Public Service Superannuation Fund (or 'new' fund) may be interested in viewing a video on the Fund, designed to explain its operation and answer likely queries. To make an appointment, please contact Wendy Raikes on ext 3946.

## CURRENT VACANCIES

Lecturer in Accounting (tenured or limited term - four years) Accountancy and Legal Studies, closing date October 21.

Lecturer/Senior Lecturer in Creative Writing (tenurable or limited term - four years), Creative Arts, closing date October 21.

Lecturer in Anatomy and Physiology (tenurable or limited term - four years), Health Sciences, closing date October 21.

Lecturer/Senior Lecturer in South East Asian History (tenurable or limited term - four years), History and Politics, closing date October 21.

Lecturer (limited term - four years), Sociology, closing date October 21.

Lecturer in Industrial Relations (tenurable or limited term - four years), Economics, closing date November 20.

Lecturers (two positions) (tenurable or limited term - four years), Electrical and Computer Engineering, closing date November 20.

Lecturer/Senior Lecturer in Sports Psychology (tenurable or limited term - four years), Health Sciences, closing date November 20.

Lecturer (tenurable or limited term of up to four years), Mechanical Engineering, closing date November 20.

Lecturer (tenurable), Metallurgy and Materials Engineering, closing date November 20.

Lecturers (two positions) (limited term - four years), Psychology, closing date November 20.

Professor of Italian, Department of Languages, closing date December 15.

Further details: Ross Walker, ext 3934.

## Seminars

### FACULTY OF COMMERCE (ACCOUNTANCY AND LEGAL STUDIES)

Date: October 16

Speaker: Mr Hai Yap Teoh (Wollongong)

Topic: Foreign Exchange Risk Practices Among Australian Companies.

Room 19.2035 at 11.30 am.

## DEPARTMENT OF BIOLOGY – BIOMEDICAL EVENING

Each Seminar will be preceded by a char grill dinner at 6.30 pm in the Union Bistro. Those interested in attending the dinner should contact Dr E.J. Steele before the designated evening so that appropriate bookings can be made. Seminars will begin at 8 pm in Lecture Theatre G.19, Building 35. This series is sponsored by the Department of Biology and the School of Health Sciences. The assistance of Dr Stephen Anderson is acknowledged.

Wednesday October 14 – Associate Professor A.J. Husband, Faculty of Medicine, University of Newcastle

– Psycho-Immunology: Bridging the Gap between Mind and Immunity.

## DEPARTMENT OF PHYSICS – SCHEDULE OF COLLOQUIA

Held in Physics Lecture Theatre (building 18, room 118).

Thursday October 15, 12.30 pm – 4.30 pm – Ms Tracy Fisher – The Effect of Hydrogenation in Semi-Conductors using Photo-Luminescence. Mr Philip Randall – Dust in the Gum-Verla Region. Mr Andrew Warner – Piezo-Transverse Zeeman Spectroscopy of Boron Impurities in Germanium. Honours Students, Department of Physics, University of Wollongong.

Thursday October 29, 12.30 pm – Prof Hugh Bradlow, Department of Electrical and Computer Engineering, University of Wollongong – Local Area Computer Networks from a User's Perspective.

## DEPARTMENT OF PHYSICS – SCHEDULE OF PUBLIC LECTURES

Held in Pentagon 3 (building 20).

Thursday October 22, 8 pm – Prof Jim Piper, School of Mathematics and Physics, Macquarie University – Lasers: Towards 2001.

## DEPARTMENT OF HISTORY AND POLITICS POSTGRADUATE SEMINARS

Seminar in room 19.2004 at 5 pm

October 14 – Michael Chavura – Towards a Study of Calvinism in Australia

## DEPARTMENT OF CHEMISTRY

Seminar is to be held in Room 18.111 (Physics) at 2.30 pm

October 23 – Dr Michael Guilhaus, University of New South Wales – FT Ion-cyclotron Resonance

Dr S.G. Pyne  
Coordinator

## DEPARTMENT OF BIOLOGY

All seminars to be held in Room G19, Building 35.

Tuesday October 20, 4 pm – Dr John Pollak, Department of Histology and Embryology, University of Sydney – Assessment of the literature of paternally-mediated effects on reproduction.

Tuesday October 27, 4 pm – To be announced.

## DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING RESEARCH

Venue for all seminars: Room 35.G45 at 4.30–5.30 pm.

Date: October 19

Speaker: Professor Hugh Bradlow

Topic: Muscle relaxation computer process control

## DEPARTMENT OF ENGLISH

Dr Kirpal Singh, Visiting Fellow from the National University of Singapore, will speak on 'The Asian Presence in Contemporary Australian Literature'.

Tuesday October 13 at 12.30 pm in Room 1125, English Department.

## DEPARTMENT OF PHILOSOPHY

Friday October 23 at 10.30 am — Tom Halloran, Tutor at The University of Wollongong — 'Lonergan on Intentionality'.

Department of Philosophy Seminar Room, North Wing, Social Sciences building, The University of Wollongong, Northfields Avenue, Wollongong. (Building 19: Rm 1016).

## WRITER'S CLUB ACTIVITIES

Tuesday October 13, 7.30 pm — Writing Room, Gleniffer Brae — Writers' Club Meeting and Writing Workshop

Thursday 22, Friday 23 and Saturday October 24 — Music Auditorium. Writers' dramatic production.

For further details from Ron Pretty on 270867 or 270985.

## THE BRAIN AND LEARNING

Venue: 20.4 (Pentagon 4)

Time: Friday afternoons 3.30–5.30 pm. All welcome.

October 16: "Intensional Knowledge and its Acquisition"  
Dr Peter G. Burton, University of Wollongong

## EEO news....

As has been previously advised in *Campus News*, the Equal Employment Opportunity Committee has established a number of sub-committees, namely, Conditions of Employment — Academic Staff, Conditions of Employment — General Staff, Disability, Sexual Harassment, which are intended to be the working parties reporting back to the main EEO body.

As there have been a number of changes in the composition of the EEO committee and consequently the sub-committees, a full list of all EEO committees is published for the information of staff. Members of each sub-committee are happy to raise any staff concerns at the subsequent meeting of the appropriate committee, so please bring any matters to the attention of committee members.

### **Equal Employment Opportunity Committee**

Professor K.R. McKinnon, Peg MacLeod, Sue Chapman, Rebecca Albury, Margrett Gilson, Bob Hoole, Henri Jeanjean, Tony Kent, Mary Martin, John Nothdurft, Ann Webb, Rozalia Varga.

### **Conditions of Employment — Academic Staff**

Sue Chapman 3929, Henri Jeanjean 3643, Peg MacLeod 3917, Mary Martin 3576.

### **Conditions of Employment — General Staff**

Sue Chapman 3929, Bob Hoole 3936, Tony Kent 3597, Peg MacLeod 3917, Rozalia Varga 3422, Ann Webb 3012.

### **Sexual Harassment Committee**

Peg MacLeod 3917, Brian Martin 3424, Mary Martin 3576.

### **Disability Committee**

Josie Castle 3667, Greg Hampton 3445, Ron Kinnell 3080, Peg MacLeod 3917, Faith Melville, student, John Nothdurft 3616, John Panter 3618, John Shipp 3546, Arthur Smith 3575, Graham Ward 3472, Tom Watson, student, Gwenda Woods, student.

Faye Franklin  
EEO Administrator  
ext 3917/3030

## Concerts, Exhibitions and Entertainment

### 'TIMELESS LAND'

Exhibition of paintings by Edit Kouto.

Robert Liddicoat, Head Teacher of Art and Design Wollongong, will open the exhibition at 11.30 am, Sunday October 18. The exhibition remains open until November 1 at Graham Gallery, 135 Cordeaux Road, Kembla Heights. Telephone (042) 715442.

### TOP DANISH MUSICIANS TO PERFORM IN UNIQUE CONCERT FOR FESTIVAL OF WOLLONGONG

Per Bokelund (violin) and Klaus Jerndorff (piano), an internationally acclaimed Danish duo, are to give a unique concert for the Illawarra Music Club in the Wesley Uniting Church, Crown Street, on Saturday October 17 at 8 pm, as part of the Festival of Wollongong.

As well as performing works by Handel, Mozart and Schubert, they will also play two compositions by the leading 20th-century Danish composers Carl Nielsen and Rued Langgaard.

## Advertisements

### ACCOMMODATION WANTED

Lecturer and family (one three year old) joining University in 1988, seeks rental accommodation from February 1988. Would be particularly interested in looking after house/unit for anyone on leave during Session 1.

Contact Colin Woodroffe, Ext 3710 or 833764.

### GARDENER WANTED

Occasional gardener wanted for weeding and general maintenance work. Telephone 286691.

### UNIVERSITY MEDICAL CENTRE

Medical Centre, Level 1, Union Arcade. Doctor and dentist now open. Appointments Monday to Friday 9 am to 5 pm, telephone 262199 or call in. Optometrist opening in 1988.

### FOR SALE

Swing \$12; white cane bassinet \$25; Ti-tree mattress \$5; playpen, sturdy wood with abacus \$20. Miranda Baker ext 3380 or 834894.

Full range of President P.C.s — fully MS-DOS Compatible, prompt delivery, 15 months' free maintenance, best prices.

Contact Leo Wynen on ext 3834, for information.

Dining table and six chairs, excellent condition \$100. Phone ext 3008

Three/four bedroom executive home in College View Estate, Keiraville, eight minutes walk to University. \$125,000. Phone ext 3008.

Apple IIE Computer, two disk drives, amber monitor, Epson LX-76 printer, appleworks and other software programs. \$1800. Tel. ext 3607 or 298282.



# Research Funds

*The sources of research funds given below are now available to members of academic staff. Further information including application forms may be obtained from Annette Read (ext 3386) or Ian Strahan (ext 3079). Intending applicants are reminded that all research applications must be forwarded through the Office of Research and Postgraduate Studies.*

## WOOL RESEARCH GRANTS – 1988/89

Applications are invited for grants from the Wool Research and Development Fund in 1988/89. Applications to fund systematic experimentation or analysis, relevant to the wool industry, in any field of science, technology or economics.

Applications close with the University on November 23.

## AUSTRALIAN WATER RESEARCH COUNCIL – PARTNERSHIP RESEARCH PROGRAM

The Australian Water Research Advisory Council has invited applications under the partnership program which provides funds for research expected to be of practical benefit to the industry in the short term. Funds provided under this scheme must be matched by a third party (not the organisation carrying out the research) and should be to start a new project.

Applications close with the University on November 25.

## MEDICAL ENGINEERING RESEARCH ASSOCIATION PROJECT GRANTS

MERA is an association of medical engineering and biotechnology organisations. Its purpose is to facilitate Australian research and development through to commercialisation of new medical products and technologies, particularly those with export potential.

Research proposals are sought for one to three year projects, with significant commercial potential, in the funding range \$10,000 to \$50,000 p.a. However larger projects requiring funding up to the order of \$1 million to \$2 m will also be considered, under separate arrangements.

Application forms and a list of MERA's preferred research areas are available from the Office of Research and Postgraduate Studies.

Applications may be submitted to the Office of Research and Postgraduate Studies at any time.

## THE FLINDERS UNIVERSITY SHORT-TERM VISITING RESEARCH FELLOW IN SOCIAL SCIENCES

Applications are invited for the position of Visiting Research Fellow, tenable for six weeks to six months, in the School of Social Science, Flinders University. Applicants must hold a PhD or have equivalent research experience. An amount of \$A1,500 per month will be paid as a contribution towards expenses.

Applications close with the University on November 16.

## EDUCATION FELLOWSHIPS

The United States Academy of Education has invited applications for the Spencer Fellowship Program designed to promote scholarship in the US and abroad on matters relevant to the improvement of education in all its forms.

Fellows will receive US \$25,000 for one year, or US \$12,500 for each of two contiguous year working half-time.

Applications close with the University on December 14.

## PREVIOUSLY REPORTED IN CAMPUS NEWS

Name	Internal Closing Date
International Fellowship Program	October 15
Pig Research Council Study and Training Awards	October 16
ATERB Scholarships	October 19
Robert S. McNamara Fellowships	October 19
Pig Research Council - 1988/89 Grants	October 19
Nursing Research Grants	October 19
James N Kirby Foundation	October 19
World Bank Fellowship	October 19
AVCC Visiting Fellowships for Australians	October 19
Forestry Research Grants	October 19
AINSE Research Grants	October 23
Frank Knox Scholarships	October 23
Postgraduate Scholarships in Rural Research	October 26
Kobe Steel Scholarships	October 31
Commonwealth Postgraduate Scholarships (Research Awards)	October 31
Small Grants for Postgraduate Women	November 4
Edinburgh Institute – Humanities Visiting Research Fellowships	November 16
ATERB Medal and Grant	November 16
Research into Economics of Multiculturalism	November 16
Sports Medicine and Science - Fellowships and Postgraduate Scholarships	November 18
Wool Research Grants	November 23
Australian Special Rural Research Fund	November 30
Wellcome Australia - Medal and Award	November 30
Field Sciences Research Facility	November 30
Jamieson Awards for Outstanding Women Graduates	December 11
Education Fellowships	December 14
Pure and Applied Science in Engineering Research Scholarships	March 21
Rutherford Scholarship	March 21
Field Sciences Research Facility	March 31
Clive and Vera Ramaciotti - Travel Grants	Any time
Earthwatch	Any time
Criminology Research	Any time

## Scholarships and Prizes

### POSTGRADUATE SCIENCE RESEARCH SCHOLARSHIPS

Applications are invited for research scholarships in science leading to the degree of PhD. The research work should be concerned with cardiovascular function or disease or related problems. Applicants should hold, or expect to obtain, at least an upper division second class honours degree or its equivalent.

Applications close with the University on October 21.

### SWISS GOVERNMENT SCHOLARSHIPS 1988/89

A scholarship is being offered to an Australian citizen by the Swiss Government for study in Switzerland commencing in October 1988. The Scholarship is tenable for one academic year (nine months).

Application forms and information are available from: The Secretary, Swiss Government Scholarships, Department of Employment, Education and Training, PO Box 826, Woden, ACT 2606. Phone (062) 837649.

Applications close with the Department on October 30.