



THE UNIVERSITY OF WOLLONGONG

# CAMPUS NEWS

RECEIVED

A WEEKLY INFORMATION SHEET

21 OCTOBER, 1983

Deadline for copy 12 noon Monday.

Distributed each Friday.

Editor: Giles Pickford, tel. (042) 282428.

## Campus Wide Open Tomorrow

University Open Day begins on Saturday, 22 October at 12 noon. Radio 2WL's 80's Lifestyle Expo will begin an hour or two earlier and both events will run side by side till 9.00 p.m. On Sunday we open again at 10.00 a.m. and close at 6.00 p.m.

All of the Institute and almost all of the University Departments have responded to the call to make themselves available to the anticipated 30,000 people who will visit the University that day.

A complete list of the University Open Day activities is printed below.

2WL's 80's Lifestyle Expo will occupy the entire Union building, the Sports Pavilion, the Pentagon Foyer and a large marquee to be erected in the Netball area west of Engineering.

### Open Day Activities

#### Metallurgy

Displays  
Location Building 1

#### Biology

Demonstrations of:  
Nerve Conduction velocity in man.  
Diving reflexes in man.  
Fitness test - (ergometer)  
Taste and colour vision tests.  
"What is it?" - Bring along things to look at under microscopes etc.  
Ecology display.  
Native marsupials and reptiles.  
Research displays - neurophysiology, biochemistry, cricket behaviour and lots more.  
Location: Laboratories and upstairs foyer in Building 1.

#### Two Campus Community Groups

Illawarra Community Broadcasters. Location: Foyer, Building No. 1

WUNDA. Awareness of nuclear arms issues on campus.  
Location: Foyer, Building No. 1.

#### Civil and Mining Engineering

Displays of Models.  
Films - Information.  
Location: Ground Floor Laboratories, Building 3.

#### Mechanical Engineering

Fluid Mechanics Laboratory: Rotodynamic Machinery.  
Bulk Solids Handling Laboratory: Equipment display.  
Solar Research Display.  
Thermodynamics Display.  
Location: Building 6.

#### Electrical Engineering

Working display of Robots. Location: Building 8, Rm G13  
Working Pollution Control Devices. Location Building 6, Rm. G16  
Computer Display. Location Building 8, Rm. G11  
Small Computer Designs/Microwave Component Fabrication. Location: Building 8, Rm. G13A  
Final Year Projects. Location: D21, Final year projects Laboratory  
Electrical Vehicle Drive. Location: Building 6, Rm. G07, G07A

#### Computing Science

Inspection and demonstrations in Computing Science Laboratories. Location: Rooms 107-109 Austin Keane Building (Building 15)  
"Careers in Computing" - by Dr Ian Pirie, Saturday and Sunday 10.30 a.m. Location: Computing Science Annexe. Building D17.

#### The Physics Department

Demonstrations of Physical Phenomena (A programme of activities will be available for each day). Open from 1 p.m. - 9 p.m. Saturday; 11 a.m. - 5 p.m. Sunday.  
Location: Building No. 18.

#### Planetarium Society

Display and sale of astronomical photography  
Display of materials for teaching astronomy. Location: Physics Laboratories - Ground Floor Science Building No. 18.

#### The Michael Birt Library

Open from 9 a.m. - 5 p.m. Saturday; 1 p.m. - 5 p.m. Sunday. A Library display and self guided tours. Location: Michael Birt Library. Building 16.

#### Illawarra School of Nursing

Nurse display. Location: Entrance to the Michael Birt Library.

#### Army Reserve

Demonstration and enquiry centre. Location: Near Pentagon Theatre Complex Building 20.

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**Friends of The University/Uniadvise  
Illawarra Regional Information Service  
University Computer Centre**

Location: Display in Building 20.

Second Hand Book Fair. Sale of books. Location: Building 19, Rm. G06.

Town versus Gown - Debate: "That the Leisure Coast Should Secede". Saturday 1 - 2 p.m. Location: Pentagon Theatre 1.

**Administration**

Courses of study on offer at the University. Location: Theatre 4 in the Pentagon.

**Geography**

Display of NASA Satellite Photography. Continuous Slide presentation. Location: Building 19, Rm. G07.

**Psychology**

An introduction to psychology as taught by members of the psychology department. Open 12 noon - 8 p.m. Saturday; 11 a.m. - 6 p.m. Sunday. Location: Building 19 Rms. 104, 107, 108, 111, 124 and 1106.

**Sociology**

The Best of Channel 0/28 on large video screen. (Full programme details available on day of showing - including "Liberation of Skopje." Open all day Saturday and Sunday. Location: Building 19 -

**Multicultural Studies**

Invitation to contact department re your own involvement in this Multicultural Society. Location: 53 Northfields Ave (Opp. Building 11).

**Department of Economics**

Play games with the Economy. Location: Building 19, Rm. 214. Saturday, 12 noon to 6 p.m.; Sunday 10 a.m. to 4 p.m.

The Australian Economy on the Computer. Saturday 2 p.m. - 3 p.m.; Sunday 2 p.m. - 3 p.m. Location: Building 19, Rm. 221.

**Accountancy**

Display purposes will be: Accountancy and Law subjects taught at the University. Highlight staff research areas. Department courses available. Location: Building 19, Rm. G.09

**Industrial and Admin. Studies**

Demonstration and use of computer software. Films - related to management/administration. Location: Micro-computer Laboratory and Rm. 22 G01. Open Saturday 12 noon - 5 p.m.

**School of Education**

Location: Building 22 - Curriculum Resources Centre, Saturday 12 - 4 p.m.; Sunday 12 - 4 p.m.

Activities: (i) Display of educational aids; (ii) Mini-exhibition covering arts in education and visual arts; (iii) Advice on external studies in teacher education. Location: Building 25 Rm 105, 12 - 1 p.m. Saturday and Sunday.

Activity: Simple kite making for children. Location: Open Space West of Building 21. Saturday and Sunday 1 - 2 p.m.

Activity: (weather permitting) Kite Flying. Location: Building 22 - Gymnasium. Saturday 2.30 - 3.30 p.m. Activity: Exhibition of Dance (National, Folk, Square, Latin-American and Ballroom)

**Education**

During the two days, graduate students and staff will be available in the Department of Education to discuss

their educationally-related research with anyone who wishes to enquire about new developments. Location: Building 19, Rm. 1031.

**Cricket Match**

Limited-over match between Town versus Gown. Sunday 10 to 4 p.m. Location: University Cricket Ground (west of Building 13)

**Illawarra Vintage Car Club**

Presentation of preserved vintage cars. Sunday during Cricket Match. Location: Cricket Ground.

**Rhee Tae Kwon Do Academy**

Demonstration of Tae Kwon Do. Saturday 3 p.m. Sunday 11 a.m. Location: Under the Figtree.

**School of Creative Arts**

Studio Work: Painting. Location: Building 25, Rm. 103

Studio Work: Textiles. Location: Building 25, Room 110

Studio Work: Sculpture. Location: Building D1

Display of Stage, Sound and Light. Location: Building D3

Studio Work: Ceramics. Location: Building D4

Display and Sale: Ceramics and Paintings. Location: Building 22, Rm. G102

Rehearsals: Stage Productions. Location: Buildings D10 and 26

**Humanities Lecture Series**

Saturday: 2 p.m. "Language Problems in Regional Universities" - Mr R. McConchie, Dept. of English Language; 3 p.m. "The Mt Kembla Mine Disaster" - Dr. S. Piggin, Department of History; 4 p.m. "In Their Own Write" A discussion of the art and craft of creative writing and the relationship of writers and their public. Mr M. Scott, Department of English Literature and Drama; 5 p.m. "What is the Mind?" Professor L. Chipman, Department of Philosophy.

Sunday: 2 p.m. "Technology and You, A Happening" Department of History and Philosophy of Science; 3 p.m. "What is the Good? A Philosopher looks at Morality" Dr. H. Beran, Department of Philosophy; 4 p.m. "Why Study Languages?" A panel discussion. Dr. V. Cincotta and members of community organizations, Department of European Languages. Location: Pentagon Theatres.

## Book of the Week

**From Chris Wilder, University Co-op Bookshop**

The Co-op Bookshop at Wollongong University is proud to announce a display of books in English from the leading Japanese publisher, Kodansha.

The display is designed to reflect all aspects of life in Japan from its unobtrusively elegant domestic architecture to its delicious cuisine, from its many forms of artistic expression to its literature and history.

Kodansha has the highest production standards: most books are produced in full colour on high quality paper; prices range from \$7.00 to \$65.00, most being around \$25.

The centrepiece of the display is Kodansha's ENCYCLOPEDIA OF JAPAN, a nine-volume reference work with 10,000 entries and 3.9 million words. Entirely in English with romanized Japanese this encyclopedia is the product of a decade's work by Japanese and U.S. scholars.





# Campus Community Interface

## 5TH ANNUAL DISTINGUISHED PUBLIC LECTURE IN INDUSTRIAL RELATIONS

Sponsored by the Friends of the University

We have been fortunate this year in gaining the services of Simon Crean for the above event. Mr. Crean (son of Frank Crean, Labor Federal Treasurer 1972-74) is General Secretary of the Federated Storemen and Packers' Union, one of the largest unions in Australia, and a Vice-President of the A.C.T.U.

The lecture is part of the first year course "Wage Determination in Australia", but is open to the public. Mr. Crean is scheduled for 25th October, at 7.30 p.m. in Pentagon 1.

## General Notices

### MURRAY APPOINTED TO BOARD

Dr. David Murray of the Biology Department has been appointed to the Board of Senior School Studies Curriculum Committee for Biology in N.S.W. His appointment comes at a time of proposed changes to many subjects. Dr. Murray believes these changes will encourage more students to study Biology at high school and so increase interest at the Tertiary level.

### DEPARTMENTAL REVIEW

The University is currently reviewing the Department of Mechanical Engineering, following the death of the Departmental Chairman, the late Professor S.A. Marshall. A Committee of Review has been established comprising:

Professor A.M. Clarke (Chairman), Mr. R.H. Brown, Mr. J.F.H. Clark, Professor R.C. King, Professor R.I. Tanner

and is required to evaluate all aspects of the Department including its facilities and curricula.

Submissions and comments are invited from any interested members of the University.

All correspondence should be directed to Mr. J.W. Langridge, Senior Assistant Secretary, Planning and Development.

### WINNERS 1ST CHILDRENS' XMAS TREE 100 CLUB

Drawn 9th October to 14th October, 1983.

Day 1 Ticket No. 75 - Chris Peacock	\$10.00
Day 2 Ticket No. 24 - Bob Stephenson	\$10.00
Day 3 Ticket No. 86 - Rosly Perry	\$10.00
Day 4 Ticket No. 78 - Lyn Smith	\$10.00
Day 5 Ticket No. 15 - Dave Carey	1st \$100.00
Ticket No. 74 - Sylvia Huntley-Moore	2nd \$50
Ticket No. 96 - Halina Majer	3rd \$25.00

## STUDENT EXCHANGE PROGRAMMES

The University operates three student exchange programmes with institutions in the United States. These schemes are described below. Closing date for applications at the Student Enquiries office is 7 November, 1983.

### i) The New Jersey State College Exchange Programme

Under this programme students from the University of Wollongong are able to spend one or two sessions studying at any of the seven state-funded Colleges in the State of New Jersey.

Students participating in this programme live in a residential College at the institution they are visiting and are responsible for their own accommodation expenses (between \$1,300 and \$1,700 per session) and living expenses. In addition, the cost of the return airfare must be met by each student (around \$1,800).

### ii) The International Student Exchange Programme (ISEP) \* Please Note: Only one (1) place will be available through ISEP in 1984.

Under this scheme a Wollongong University student pays for his/her place at Wollongong (i.e. reserves and pays for a place at International House for one session, currently \$1,020 and pays all compulsory University charges for one year), plus return airfare and applies to attend an American University or College participating in the ISEP Scheme.

Alternatively, a student may nominate the areas of study he/she wishes to undertake in which case the ISEP Office will endeavour to locate an appropriate University or College in the U.S.A.

Please note that the Wollongong student's accommodation in the U.S.A. will have been paid for by an American student participating in the scheme.

### iii) The Montana State University Exchange Programme

This programme is similar to the ISEP scheme in that a student at the University of Wollongong pays for his/her place in Wollongong (i.e. reserves and pays for a place at International House for one session, currently \$1,020 and pays all compulsory University charges for one year) while a Montana student pays his/her fees plus room and board in Montana and then switches places with the Wollongong student.

### Programme Requirements:

i) Students participating in any of the exchange programmes are responsible for meeting the cost of return airfares to the U.S.A.

ii) Students must undertake a full-time programme at the overseas University/College.

iii) Approval to enrol in particular subjects at the overseas University/College must be gained prior to departure.

iv) Subjects undertaken overseas may not count as part of the "substantial and coherent study at 300-level" requirement in the Arts, Commerce, Mathematics and Science degrees.



# Seminars

## DEPARTMENT OF HISTORY

### Postgraduate Seminars by Visiting Scholars

This seminar will be held in the History Resources Room (19.2013), 5.00 - 7.00 p.m.

October 26

Professor Peter Waite (Dalhousie University, Nova Scotia)

Topic: The Origins and Political Theory of Canadian Confederation

Professor Waite, who has published many books on 19th century Canadian history, is in Australia as the Canadian Visiting Fellow for 1983. In his paper he will relate the Canadian experience to Australian federation.

## PSYCHOLOGY DEPARTMENT

We will offer a Continuing Education Seminar on October 27 in room 19.124 at 1.30 p.m.

Speaker: Dr. John Maze, University of Sydney.

Topic: "Freud and Woolf: images of procreation in 'The Waves'."

## DEPARTMENT OF CHEMISTRY

Seminars will be held in the Chemistry Lecture Theatre Room 18.206.

Friday, October 21 at 11.30 a.m.

Mr. M.D. Imisides - "Some Kinetic and Mechanistic Aspects of the Electrolytic Hydrogen Evolution Reaction".

Ms. E.A.I. Wilke - "Chemical Speciation and Biological Availability of Lead in Air".

Friday, October 28 at 11.30 a.m.

Mr. G.W. Diven - "Some More Binuclear Copper(II) Complexes of Pentadentate Schiff Bases".

Mr. W. Korth - "Ion Chromatographic Determination of Fluoride Ion in Electroplating Solutions".

## DEPARTMENT OF MATHEMATICS

The seminars will be held in the Austin Keane Building, Room 204.

Friday, 21 October: 3.30 p.m.

Dr. R. Paull (Department of Mathematics, University of Wollongong; formerly University of Queensland)

"Fundamental solutions of conically similar viscous flows"

Friday, 28 October: 3.30 p.m.

Dr. A. Hooper (Department of Mathematics, University of Melbourne)

"Linear and non-linear instability at an interface between two viscous fluids"

## DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING

Seminar: "Robot With Delicate Feelings"

Presented by: Dr. Andy Russell

To be held: 12.30 p.m. to 1.30 p.m. on Thursday, 3rd November, 1983, in Room G20, Building 4.

In most present day applications industrial robots lack sensors to feedback information about their environment. The provision of sensory systems for robot manipulators will allow them to adapt to variations in the objects they handle, perform quality control and detect unforeseen or hazardous conditions. Tactile sensors have advantages in robotic applications because they provide information which is directly related to properties being measured and hence relatively easy to interpret. Andy Russell will describe the development of tactile sensors for robot manipulators which is taking place in the Department of Electrical and Computer Engineering.

## SEMINAR ON HARMONY

The Rosicrucian Order, AMORC

Topic: "Harmony"

Subjects presented: mystical attunement; reincarnation; Karma - and; the cycles of life; human aura; interpersonal relationship

The presentation will be given by Beryl Stephens F.R.C.

Date: Saturday, 12 November, 1983. Time: 8.30 a.m. - 5.30 p.m. Venue: Theatre 5, Pentagon, University of Wollongong. Fee: \$20.00 per person, morning and afternoon tea included

For further information contact Hank Kist at 83.3721.

## Scholarships and Prizes

Details on the scholarships and prizes below are displayed on the Campus News Notice Board situated at the southern end of the Hut. Application forms are available from the Student Enquiries Office.

Australian Academy of Science      Frederick White Prize

Department of Education and Youth Affairs      Indian Scholarships for Snr. Educationists (65-3-1 refers)

Flinders University      Scholarship in Sedimentology

## Job Vacancies

Details of the following positions are displayed on the Campus News Notice Board situated at the southern end of the Hut.

Newcastle      Chair of Geology

Flinders      Administrative Officer

# Concerts, Exhibitions and Entertainment

## CITY OF WOLLONGONG SYMPHONY ORCHESTRA

Music Director: John Wayne Dixon.  
Guest Soloist: Robert Ampt, Organ.

Solo Organ Work; Poulenc: Organ Concert in G Minor;  
Dvorak: Symphony No. 8 in G Op.88.

8.00 p.m. Saturday, 12 November

Wollongong Town Hall

Tickets \$7; \$5 concession

Bookings at Jurjens, 232 Keira Street.

## THE PERFECTIONIST

Theatre South presents "The Perfectionist" by David Williamson. In his latest (many critics say his best) play, Williamson presents the diary of a marriage in crisis: "a fundamentally serious play about real people that fairly ripples with laughter" (Sydney Morning Herald). "Williamson's most important play to date" (National Times). "Vintage Williamson" (The Age).

Directed by Des Davis, Designed by Ian Robinson.  
With Peter Carmody as the Perfectionist and Julie McGregor as his wife Barbara.

Wollongong Town Hall theatre 8.00 p.m. October 7 - 22 plus 2.30 p.m. matinee 15th and 22nd at reduced prices. Bookings Theatre South, 28.2923 or counter book at Wilson's Record Bar.

## WEDNESDAY GALLERY

4/328 Crown Street, Wollongong. Paintings, Pots, and Paraphernalia.

Open Wednesdays Only 10 a.m. - 4 p.m.

Enquiries to Bev - 28.3853.

## WOLLONGONG POETS UNION

29 October:

Wollongong Poets Union announces the sixth and final prose and poetry reading in the Regional Libraries series funded by the Australian Council in meeting room of Dapto Library (Byamee St) on Saturday October 29, 2 p.m. The performers will be Joanne Burns (Sydney prose writer; author of 'Ventriloquy', Sea Cruise, 1981; anthologised in 'Island in the Sun' //2, Sea Cruise, 1981; tutor in creative writing at NSW Institute of Technology); Sid Bristow (local short story writer); John Broomhall (ex-local singer songwriter, now working in Sydney); Malcolm Black, Dorothy Swoope and Debbie Westbury (members of Wollongong Poets Union). Admission is free.

## ILLAWARRA MUSIC CLUB

The Illawarra Music Club has pleasure in offering a return coach trip to performance by the University of N.S.W. Opera of Rossini's wittiest and most humane comedy: Cinderella (La Cenerentola).

Deborah Riedel in the title role; Conductor - Roger Covell;  
Producer - Bernd Benthak; Designer - Douglas Smith.

Friday, 11 November, 1983, 7.30 p.m. at the Science Theatre - University of N.S.W.

The coach will depart from Court House in Market Street at 5.00 p.m. on Friday, 11 November with pick-up points at Fairy Meadow, Corrimal, Woonona and Bulli. Enquiries to Geoff Williams on 282909.

## GRAHAM GALLERY - 1ST ANNIVERSARY EXHIBITION

Readers are invited to an exhibition of ceramics by Karl Preuhs.

Opening 23rd October, 11 a.m. Preview - Closing 6th November.

Karl Preuhs has been working with clay for more than twenty years. During this time he has exhibited in many shared exhibitions. His awards include the Wollongong Art Purchase Prize - Judge; John Bailey, and the Shell-harbour Municipal Art Society Craft Award - Judge; F. Abrahams - Crafts Board of Australia. He is represented in the Wollongong Regional Art Gallery Collection.

Choosing to work alone he follows the path of self reliance. Fully glazed, high-fired pots of classical form typify his creative style. He uses traditional glazes to enhance the balance and harmony of his ceramics.

Though trusting of his own skills as a potter he is ever respectful of the part played by the natural elements of clay, glaze and fire in the creative process.

Karl Preuhs ceramics have been purchased for presentation to Members of Government; to Clerical Dignitaries and Directors of multinational and Australian Companies. His ceramics grace many private collections in Australia and overseas.

## CAMPUS CHOIR & UNIVERSITY SINGERS

Tuesday, 25th October, 8.00 p.m.

Campus Choir and The University Singers

Conservatorium Chamber Ensembles

Music by Haydn, Beethoven, Josquin and Vivaldi's Gloria.

Enquiries: David Vance on ext. 430.

## WOLLONGONG CONSERVATORIUM OF MUSIC

Gleniffer Brae will be the setting for the following concerts presented by the Conservatorium of Music.

\*9th November at 8 p.m.

Jose de la Vega - Piano ... works by Liszt and Schuman.

Admission per concert: \$5.00 and \$1.50 concession.

Bookings at Palings, Crown Street; Keyboard Clinic, Crown Central and The Conservatorium of Music, Wollongong.



# Advertisements

## ASTRONOMICAL POSTERS

The finest in astronomical photography from NASA and the world's great observatories is available in post-card, poster or slide form at reasonable prices from the Illawarra Planetarium Society. Telephone 282881 for information.

## BAR SATURDAY OPENING

Every Saturday - 4.00 - 5.00 p.m.

Members and Guests Welcome.

## TRAVEL

Members of the Union can receive top value service from National Australia Bank Travel, with good rebates available on many holidays, cruises and flights.

So before planning your next holiday or trip call in at National Australia Bank Travel (corner of Crown and Church Street), identify yourself as a Union Member and let them tell you what deal they can offer you.

## RESEARCH ASSISTANCE AVAILABLE

Honours Graduate will undertake research for busy students or academics.

Experience in most Humanities, some Social Sciences and General Studies.

Let me do the spade-work. You write the paper.

Reasonable Rates. Phone 61.2714 after 5 p.m.

## UNIVERSITY CATHOLIC SOCIETY

Mass is held at 12.35 p.m. on Thursdays during session in the University Union Common Room.

## ANGLICAN CHAPLAINCY

The Anglican Chaplain conducts Bible study sessions each Thursday during session in Pentagon 4 from 12.30 to 1.30 p.m.

## LIONS CLUB CHRISTMAS CAKES

Once again the Lion's Club Christmas Cakes are now available from Bill Trueman, Library, ext. 425.

Cost \$4.95 for 1.5 kg. cake. Orders taken as well as sales.

## FOR SALE

Personal Computers

Jupiter Ace (New)  
Sinclair 2 x 80 (in excellent working condition)  
Sinclair 2 x 81 (not in working order)  
ZX 16K Ram  
ZX Printer  
ZX Power Supply  
Hipower Adapter, AC adapter model No. 630  
Joy Stick PC-6052 (New)  
Black and White T.V. set adapted as monitor.

Send reasonable offers to 6 Pacific St., Kiama, 2533.

## A CAMPUS HOLIDAY IN MELBOURNE

Chisholm College, La Trobe University, offers family flats on campus, 15 km (25 minutes by car) from the City centre.

Enquiries to Bursar, Chisholm College, La Trobe University, Bundoora 3083, or phone 478.3122 ext. 2899/2875.

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## FRIENDS BOOK FAIR: 22-23 OCTOBER

The Australian Federation of University Women (a member of the Friends) is organizing a book fair to raise money for the University.

Donations of books and journals will be gratefully accepted at the Friends Office in the Hut: Ph. 282955 (day) or 289558 (evening) to arrange pick up.

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DID YOU KNOW that the University needs the support of its graduates and that this can be delivered through the Graduates Committee of the Friends of the University?

Membership of the Graduates Committee is open to all members of Convocation for \$10.00 p.a. or \$40 for Life Membership.

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