



THE UNIVERSITY OF WOLLONGONG

# CAMPUS NEWS

A WEEKLY INFORMATION SHEET

28 SEPTEMBER, 1984

Deadline for copy.12 noon Monday

Distributed each Friday.

Editor: Giles Pickford, tel. (042) 270076.

## OCTOBER IS INFORMATION TECHNOLOGY MONTH

Information Technology Month is a broadly based community education campaign to raise people's awareness of the multitude of new techniques and gadgets that are either on the market, or so close it does not matter. It is sponsored nationally by the Federal Government and the Australian Computer Society Inc.

Using the boxing kangaroo and the winged keel of Australia II as its emblem, the month is being heavily advertised by poster, handbill, and the media, especially radio.

Locally, the month is being promoted by a committee chaired jointly by Peter Curtis of the N.S.W. Department of Industrial Development and Decentralization, and Trevor Brew of the University of Wollongong.

There will be five main components to the month, as follows:-

### \* Friday, 28th September to Sunday 21st October

The A.V. Jennings Information Technology House is open for inspection at 2 Windsor Crescent, Prince Edward Gardens, Brownsville at the following times:

Monday to Thursday from noon till 5.00 p.m.  
Fridays from 2.00 p.m. till 5.00 p.m.  
Weekends from 11.00 a.m. till 5.00 p.m.

Officially opened on Thursday, 27th September by Susie Elelman of WIN TV, the house contains the absolutely latest in state-of-the-art electronic wizardry.

### \* Tuesday, 2nd October to Friday, 5th October

The Town Hall will have the following displays available to the public:

on Tuesday, 2nd October - 1.00 p.m. till 5.00 p.m.  
Wednesday, 3rd and Thursday 4th October - 9.00 a.m. till 5.00 p.m.  
Friday, 5th October - 9.00 a.m. till noon.

- Sports Medicine Clinic's Fitness Test

- Telecom's Modern Technology
- Australian Federation of Travel Agents
- I.M.B. and Automation
- Small Business Office with Automation Systems
- Regional Investment - Your Money at Work
- The City Plan
- Microfilm Technology
- B.H.P. and Technology
- Commonwealth Employment Service
- Video Discs - Latest Innovations

### \* Monday, 15th October to Saturday, 20th October

The T.A.F.E. College will have displays available to the public on:

- Numeric Control Machine Display
- Computing in the T.A.F.E. Computer Centre
- Other Technology Areas

### \* Noon Monday, 15th October to Noon Sunday, 21st October

At the University, in the foyer of the Curriculum Resources Centre, Building 22 (through University Entrance No.4 off Northfields Avenue) there will be displays including:

- AUSSAT
- Optical Fibre
- Video Discs
- Meteorology - Satellite Weather Forecasting
- Telecom's Viatel

### \* 2WL Expo Weekend and University Open Day - 20th and 21st October

Many of the Departments of the University will be open with displays in addition to the wide range of exhibitions (more details later on in Campus News).

Enquiries about Illawarra's Information Technology Month can contact Peter Curtis (042) 286508 or Trevor Brew (042) 270906.

### DR. WILLY TIRR - ONE OF EUROPE'S GREATEST

The School of Creative Arts continues to demonstrate its capacity to attract the best talents in the world to Wollongong.

Dr. Willy TIRR, one of Europe's greatest abstract expressionists, is resident in the School during the months of October and November. His works are being exhibited in the Long Gallery, both his watercolours and the famous shaped canvasses: his 26th One-man exhibition.



He will do some teaching at the School, but creative work is the main reason for this visiting appointment at the University. He is engaged in creating two major paintings here, and a number of water colours. Turr says that the Australian light is fascinating: sharper, brighter and more open than in the northern hemisphere.

Ken Rowat, writing in the Wakefield newspaper of Turr's 1982 exhibition in the Elizabethan Gallery, Wakefield, U.K.; has this to say of Turr's work:

"Experience of war and expatriation has given Willy Turr plenty to paint about and he might well have become a social realist painter or a John Heartfield, but his involvement with paint is too sensuous for explicit comment; his message is less direct.

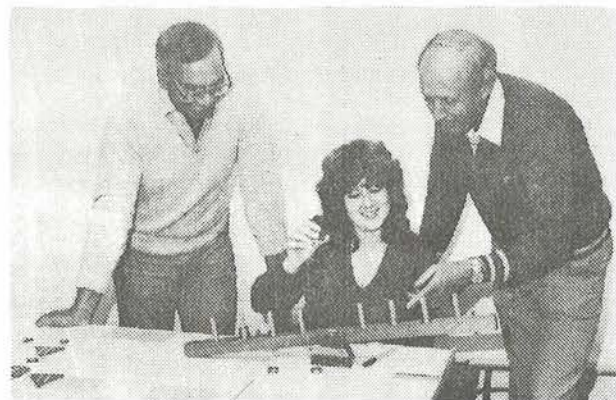
Turr speaks of the multiple concept which can be triggered off by the term "flight", and it's clear that personal memories and recalled sensations have a significant bearing on his work. His subject is landscape and the visual excitement of moving through or above it. Like Peter Lanyon he has sought to extend his imagery by flying in gliders and the abstract expressionist style of expansive gesture, broad sweep of brush, and flooding wash of colour suits his romantic spirit well.

Turr can make watercolour, traditionally a modest medium, work dramatically on a relatively large scale, and a good example is 'Descending', where his rich washes become half-threatening, half-exhilarating evocations of hill, cloud, shadow and water.

The artist's large, irregularly-shaped canvasses bulge from the wall like aerofoils or up-ended relief models of the topography he is so involved in. The paint does not always lie as easily on these as on his watercolour papers, but they are the most original aspects of his work and dominate the gallery impressively."

## RESEARCH INTO MAXIMISING CHILDREN'S POTENTIAL

There is growing evidence that a great deal of human potential has been even more underestimated than earlier thought. The ancients realised this to some extent, when they pictured their gods cavorting around Mount Olympus playing with their human toys 'like flies to wanton boys' as Gloucester remarked in 'King Lear'. Recently, Gault at Macquarie University found that a group of often fairly unschooled geriatrics who had never been near a university were sometimes capable of



Prof. Randhawa, Miss Megan Doring (research assistant) and Dr. de Lacey check procedures for administering a reasoning task and a balance test for children in New South Wales and Canada. The apparatus was constructed by the University Science Laboratory. Photography by Robyn Schweers and Map Library, Department of Geography.

credit-level performance in university studies; Feustein in Israel, Brown in Canada and Gow in Wollongong have been working with some success in enhancing the performance of mentally retarded subjects. Less-advantaged and ethnic-minority children who score low on achievement and intelligence tests have been shown to increase both level and rate of cognitive development, long-term, as a result of particular kinds of intervention-education programmes.

Pursuing this last study, de Lacey and Randhawa have been collaborating for four years on studying the elements of thinking, learning and communicating as one total process, rather than considering them as rather separate entities. Prof. 'Randy' Randhawa has just completed a year's sabbatical leave, mostly in the Department of Education with Dr. de Lacey but preceded by three months at Yale with Dr. Sternberg, working on a number of projects in this area, which are the basis of some ten joint articles and two joint books already completed or nearing completion.

Much of this work has been undertaken this year, in Wollongong and Bourke. The enterprise has attracted the interest of several students, most of whom have made some positive contributions, and will be joined in 1985 by another visiting professor, Dr. Dennis Hunt, who, like Dr. Randhawa, comes from the University of Saskatchewan in Canada.

Others following these enquiries include Mrs. Beth Facer, well advanced in writing an M.A. thesis under Dr. de Lacey on the education and mental development of immigrant Vietnamese children; Ms. Nicola Ronan, tutor in psychology, who is working on long-term effects of early educational intervention, mainly among children at Bourke, also with Dr. de Lacey, who is supervising another M.A. thesis by Miss Megan Doring, an honours graduate from Sydney University who is a research assistant with Drs. Randhawa and de Lacey. Mr. Graham Hendry, now completing his B.A., is working on a project exploring the potential of the use of various kinds of play in enhancing children's thinking, and hopes to extend his enquiries into honours work. The work has also had input from Mr. Denis Au, a student from Hong Kong, and Miss Roslyn Gaynor, teacher and student, as well as Dr. Allen Barlow, CAE counsellor, and a number of former teachers and researchers associated with enrichment preschools at Bourke and at Weipa in North Queensland.

The enquiries are already showing several differences in reasoning, thinking and personality variables across ethnic, sex and socioeconomic boundaries which are likely to be useful in planning educational programmes in the future. Achievement, coping and adjustment estimates provided by teachers of the children studied are proving reliable; but establishing connections between self concept, and level of mental functioning and school achievement, are more difficult than had been anticipated. Long-term effects of broad-based early intervention seem more substantial and better sustained than was previously thought, and there is interest from some local schools in incorporating elements of the intervention programmes in their own schooling. A manual describing early intervention is well on the way.

The research is likely to be continued for some years in both Australia and Canada with the prospect of academics in other universities in New South Wales and Queensland joining the work in an expanded form. Resources for the enquiries have been provided by the Social Sciences and Humanities Research Council of Canada, the University of Wollongong and some private research foundations.



## COMMUNITY LANGUAGES AND OTHER NEWS FROM THE CENTRE FOR MULTICULTURAL STUDIES

Mary Kalantzis and Di Slade, who are carrying out a research project for the Department of Immigration and Ethnic Affairs on aspects of language maintenance, gave a paper on their research to the national Conference of Australian Association of Applied Linguistics in Alice Springs in August. Their research, due for completion by the end of the year, will provide information on the question of the role of so-called "community languages" and their future in Australia. The Senate will shortly be releasing its statement on a National Language Policy for Australia which will then be available for comment and consideration. The research findings of the Centre's Language Maintenance Project will provide the basis for the Centre's submission on the proposed National Language Policy.

Mike Morrissey has been invited to head a \$15,000 evaluation of the English for Special Purposes courses of TAFE. The research will survey an extensive sample of students and staff at TAFE colleges in Wollongong, Sydney and Newcastle. He also recently completed an assessment of the relationship of labor training programs to the needs of Australians with English language difficulties for the Kirby Committee of Enquiry into Labor Market Programs, and has also prepared a critical commentary on multicultural education policy for the NSW Higher Education Board.

Bill Cope has been awarded a research grant of \$5,000 by the Human Rights Commission to examine the dynamics of anti-Asian racism in schools. Bill Cope, Mary Kalantzis and Mike Morrissey are collaborating on a book focusing on the current immigration debate in the context of racism in Australian history. Patricia Andy and Robert Stewart, two trainees with the Centre employed under the National Employment Strategy for Aborigines (NESA), are nearing completion of a year long study of the NESA training scheme and its role in NSW Government employment. This study was devised with advice from the University's EEO Co-ordinator, Ms. Elizabeth Johnstone. They are also working on an Aboriginal curriculum project.

Samisoni Bolataqici, a visiting research fellow from Fiji, has published a text on Fijian language learning (available from the Centre) and has nearly finished a set of tapes to accompany the text. This work has been carried out with the assistance of Gerry Van Der Beek of the Language Laboratory of the Department of European Languages.

Ron Witton, Head of the Centre, has been appointed as one of the twelve part-time NSW Ethnic Affairs Commissioners. The NSW Ethnic Affairs Commission, with offices in Sydney, Wollongong and Newcastle, is the major advisory and monitoring body on Ethnic Affairs in the state and a major provider of services and advice to the public, and to government departments which are required to make their service delivery more accessible to the people of NSW with their diverse language and ethnic backgrounds. Through the Centre's connection with the NSW Ethnic Affairs Commission the research findings of the Centre can aid in the development of practical policies at the local and state level to help remove barriers of discrimination and inequality. The Centre is also linked with federal policy formulation through Ron Witton's membership of the Australian Population Council.

## CENTREFOLD PUBLISHED BY CTD

Centrefold, a new publication of the Centre for Teaching Development, was launched last week.

The first issue contained articles on R & D in teaching techniques, Completion Rates in Postgraduate Degrees, Computer Aided Learning, the Seminar Workshop Programme of the CTD for 1984, Films available from CTD, and the Teaching of Deaf Students.

Enquiries to Dr. John Panter, Acting Head of the CTD on 270618.

## EDWARDS/HEWETT OPERA PUBLISHED

"Christina's World", an opera written by playwright-in-residence, Dorothy Hewett (author of *The Man from Mukinupin*) and Ross Edwards will soon be published by Universal Edition. A great part of the opera was composed on campus last year when Ross Edwards was the first composer-in-residence at Wollongong University. The work was premiered by The Seymour Group in November and was enthusiastically received. Universal Edition is one of the major European publishing houses of contemporary music and their catalogue includes composers such as Webern and Schoenberg. Universal have offered Edwards an unconditional contract to publish all future works.

## CSIRO AND MANUFACTURERS IMPROVE LINKS

Professor Ron Johnston of the Department of History and Philosophy of Science, has been appointed to a working party that will increase cooperation between the CSIRO and Manufacturing Industry.

The working party will consist of Mr. John Halfpenny, Victorian secretary of the Amalgamated Metal Workers, Foundries and Shipwrights' Union; Professor Ron Johnston from the University of Wollongong; Mr. Richard Pratt, a director of the Pratt Group; and Mr. William Cushing, from the Victorian Department of Industry, Commerce and Technology.

## Scholarships and Prizes

Details of the scholarships and prizes below are displayed on the Campus News Notice Board situated in the Administration Annexe. Application forms are available from the Student Enquiries Office.

Aust. Federation of University Women	Jamieson Awards
Australia Japan Foundation	Language Scholarships
Cambridge Commonwealth Trust	1985 Awards
National University of Singapore	Research Scholarships
CSIRO	Oceanography Scholarships (86-1-10 refers)
Nanyang Technological Institute, Singapore	Careers for Engineers
ANU	Visiting Fellowships in Humanities



# General Notices

## ELECTION OF MEMBERS OF THE UNIVERSITY COUNCIL

Nominations have been called for election to the following positions on the University Council, with nominations closing on the dates shown in brackets:

1. One student member (Friday, 5 October, 1984)
2. One member elected by Convocation (Friday, 5 October, 1984)
3. Two academic staff members (Friday, 5 October, 1984)
4. One general staff member (Friday, 5 October, 1984)

Detailed notices of election have been displayed on several University notice boards and, for the student and Convocation elections, have been advertised in the Illawarra Mercury and the Sydney Morning Herald on Saturday, 15th September, 1984.

If further details are required, please contact Mr. W. Mahoney (ext. 3799).

## VISIT OF DEPUTY CONSUL-GENERAL OF FRG

Mr. Wilfried Bolewski, the Deputy Consul-General for the Federal Republic of Germany will be paying an official visit to the University on Tuesday October 9. Any staff members who wish to meet him, are advised to contact him directly on (02) 328 7733 to arrange a time. The visit is being co-ordinated through the Centre for Multicultural Studies and enquiries can also be directed to Dr. Ron Witton, Head of the Centre.

## SUMMER SESSION 1985

A brochure has been produced outlining courses available in the 1985 Summer Session. Enquiries to Peter Wood on 270943.

Deadline for enrolments is 31 October, 1984.

## SCIENCE AND TECHNOLOGY NEWSLETTER

Sci-Facts, the journal of the Department of Science and Technology, is available from the Editor. The latest edition includes articles on Antarctica, Meteorology, Lasers, Industrial Automation, Tasmanian Robot Project, Information Technology, the ALP Science Platform and Technology and Society.

## USE OF ENVELOPES

A problem exists in the mail room because some staff members are not using the correct envelopes. Staff are asked to use the internal multi-address envelope for internal mail and the white envelope with the University's name and address for external mail only.

This will help staff in the mail room sort out the mail more quickly and easily.

## ACTING DEPUTY VICE-CHANCELLOR

Professor Peter Rousch will serve as Acting Deputy Vice-Chancellor from 16 September 1984 to 15 October 1984 during the absence of Professor Alex Clarke.

## FAUSA CRITICAL OF STUDENT ALLOWANCES

(Extracted from the FAUSA Newsletter)

Despite the 10% increase in TEAS announced in last week's budget, student allowances remain unacceptably low. The maximum weekly benefit available to students living away from home will rise from \$62.25 to \$68.67. This falls well short of the single adult unemployment benefit which has been set at \$81.10 per week.

Prior to the last election, the federal government pledged to increase TEAS to the level of the unemployment benefit. In fact, in 1985, it will fall further behind the unemployment benefit.

Student allowances, as university staff are well aware, are not available to all students. Stringent means testing of family income applies so that the maximum is paid only to students whose families' income falls below \$14,281 p.a. (in 1985).

There has been no increase in dependants' allowances associated with TEAS. The allowance for a student's dependent child will remain at \$10 per week; pension schemes now allow \$14 per week.

In 1983 there were 187,048 full-time students in higher education, 51,038 or 27%, of whom received maximum TEAS. An additional 25,410 students (13%), received partial allowances. The number of students in receipt of maximum TEAS gives no indication of the proportion of students who, being ineligible, and having insufficient financial means, are obliged to transfer to part-time or defer their courses.

The stringency of eligibility coupled with the extremely low level of assistance available thus has two major effects, i.e.:

- \* it forces many students out of full-time studies so they can support themselves from employment
- \* it discourages some prospective students from applying in the first place.

The students most likely to fall into either of the above categories are likely to be those without substantial financial support from their families - many of the very students the government hopes to attract.

Adequate levels of student allowances are a vital key to broadening access to higher education for students from disadvantaged backgrounds. Until student allowances are raised significantly socioeconomically disadvantaged students will continue to be excluded from higher education, regardless of 'equity policies'.

## POSTGRADUATES

In 1985 the level of Commonwealth Postgraduate Awards will fall in real terms. The 3.9% increase announced in the budget will not match inflation. The maximum entitlement in 1985 will be \$146.50 per week (\$7616 p.a.). The awards are taxable and made on the basis of merit. Students attempting to survive on Postgraduate Research Awards alone will find some comfort, however, in the budget tax cuts.

The continuing under-resourcing of this area will have long-term deleterious effects on Australian scholarship. This is of serious concern both to FAUSA and to the Council of Australian Postgraduate Associations.





## Campus Community Interface

### VISITING ANGLICAN SCHOLAR

Edwin Judge, Foundation Professor of Ancient History at Macquarie University, will be visiting campus at the request of the Friends of the University on October 9, 1984. He will be giving two lectures:

a) Tuesday lunch time - 12.30 - 1.30 p.m.  
Building 10 G. 14  
Topic: "Does Christ teach us to judge Caesar?"

b) A Dinner Lecture  
7.30 p.m. to 7.45 p.m. at the University.

Topic: "Does St. Paul support the class structure?"

Contact Rev. R.B. Heslehurst, Anglican Chaplain, 289132 or 288417 or Uni. ext. 3040 by 5th October.

### 4EME FESTIVAL DES ARTS DU PACIFIQUE

Nouvelle Calédonie 8 - 22 December, 1984

French Caledonia Travel Service Tour Co-ordinated by Susan Simons and Roslyn Premont.

Mrs. Susan Simons, a member of the Friends, is offering members a rare chance to join in the huge celebration of the arts and talents of the peoples of the Pacific. The Pacific Festival of the Arts occurs only once every four years and is organised by Pacific Islanders to express the real significance of their traditional arts and the excitement of emerging contemporary forms.

Susan Simons, 109 Browns Road, Wahroonga, N.S.W. 2076, or phone (02) 485137 and keep trying!

### KEIRA GREEN CORRIDOR PROJECT

The next meeting of the Friends Keira Green Corridor Project will be held on Wednesday, 3rd October at 12.30 p.m. in the Town Hall Committee Room.

The agenda was published in Campus News on 21 September 1984.

## Equal Employment Opportunity Project

Questionnaires were due back on Wednesday 19 September. If you have not returned your questionnaires please do so as soon as possible so that the data entry can be finalised. Members of the E.E.O. contact network are asked to remind their departments/sections that late questionnaires are still being sought.

If you have not received your questionnaires please contact the E.E.O. Project Office as soon as possible on ext. 3917 or 3030.

The response to the survey has been excellent - actual response rate figures will be published as soon as possible. Many members of staff have provided us with lengthy written comments which will prove very helpful in the formulation of the Management Plan. Thanks go to all staff who completed their questionnaires - results will be released through the Affirmative Action Working Party, the Academic Staff Association, Unions and the E.E.O. Contact network as soon as possible.

Some members of staff have sent in written submissions on aspects to be covered by the Review of Personnel Practices and Conditions of Service. If you wish to raise any matter that you feel was not covered by the survey then please feel free to contact us.

## Seminars

Details of the seminars below are displayed on the "Campus News" Notice Board in the Administration Annexe.

### DEPARTMENT OF MATHEMATICS

Thursday, October 4 - 1.30 p.m.  
Speaker: Professor J.R. Blake, Department of Mathematics, University of Wollongong.  
Place: Austin Keane Building, Room 204.  
Title: "Convection in Porous Media"

Thursday, October 11 - 2.00 p.m.  
Speaker: Brian Gray, Theoretical Chemistry, Macquarie University.

### DANTE ALIGHIERI SOCIETY NEWS

Second Seminar on Italo-Australian Poetry  
under the chairmanship of Gaetano Rando.

Sunday, October 14 2.30 p.m.  
Fraternity Bowling Club (Montecarlo Room)

### DEPARTMENTS OF CHEMISTRY & BIOLOGY

Tuesday October 2 - 4.00 - 5.30  
Speaker: Sian Thomas, Department of Biology, University of Wollongong.  
Title: Membrane ion pumps and thyroid hormones.

Tuesday October 9 - 4.00 - 5.30  
Speaker: Dr. H.J. Spencer, Department of Biology, University of Wollongong.  
Title: Inhibition in neural circuits.

Tuesday October 16 - 4.00 - 5.30  
Speaker: Assoc. Prof. Ross Crozier, School of Zoology, University of New South Wales.  
Title: Relatedness and microgeographic genetic variation in an Australian arid zone ant.

### ILLAWARRA REGIONAL EDUCATIONAL RESEARCH COUNCIL

The Illawarra Region Educational Research Council will hold a seminar on Friday, 5th October, at 7.30 p.m. in the Multipurpose hall at Smiths Hill High School (Keira Street entrance) to discuss the future of secondary education.



The keynote speakers will be Prof. Ken McKinnon, Vice-Chancellor, University of Wollongong and Dr. Fenton Sharpe, Assistant Director-Général, N.S.W. Department of Education who were largely responsible for the recent Swan-McKinnon Report entitled 'The Future Directions of Secondary Education in N.S.W.'. Other speakers will include Ms. Anne Junor, Research Officer for the N.S.W. Teachers Federation, and Professor Lauchlan Chipman, Department of Philosophy at the University of Wollongong, as well as representatives from P & F and P & C Associations and teachers from both government and non-government schools.

Any queries concerning the seminar should be directed to Miss Megan Doring (270728) or to Mrs. Val Fell (295926).

#### CENTRE FOR MULTICULTURAL STUDIES

Topic: "The Construction of Racism"

Date: Wednesday, October 3, 1984.

Place: Northern Lounge, Wollongong University Union

Time: 4.00 p.m.

Speaker: Dr. Peter Figueroa, Lecturer in Education, University of Southampton and presently Visiting Fellow in Sociology, A.N.U.

Peter Figueroa is a Jamaican, now settled in Britain, and lectures in race relations and multicultural education.

#### NATIONAL CONFERENCE ON WORK, INCOME AND LEISURE IN THE COMING YEARS

A Conference will be held at Wollongong University on September 28 and 29 on the theme of work, income and leisure in the coming years. The Conference, jointly organized by the Department of Economics and Centre for Technology and Social Change, will focus on the effects that continuing high levels of unemployment, changes to industrial structures and technology change are having on the Australian economy.

The speakers at the Conference include the Hon. Barry Jones, the Minister for Science and Technology; Professor Peter Dixon of Melbourne University; Professor Don Lamberton of Queensland University; Mary Gaudron QC and Mr. Justice Kirby. Thirty other papers will be given by academics, trade unionists, public servants and welfare workers from Australia and overseas.

The three major issues to be considered at the Conference are changes in the economy, work and leisure and the policy options available to cope with these changes.

Further details are available from the Conference Secretary, Dr. J. Mangan, Economics Department, University of Wollongong on (02) 270658.

#### AUSTRALIAN INSTITUTE OF MANAGEMENT

Topic: "In Search of Excellence"

Guest Speakers: Clem Doherty; John Stuckey; Associates from McKinsey and Co. Inc.

Date: Wednesday, 3rd October, 1984.

Time: 5.30 p.m. Refreshments

6.00 p.m. Address and Question Time

Venue: Illawarra County Council Administration Building, Level 7, Bridge Street, Coniston.

The speakers, Messrs. Clem Doherty and John Stuckey are both Associates from McKinsey and Co. Inc., and will speak on the background and philosophy of this fine book on modern management - "In Search of Excellence" by Peters and Waterman.

#### THE ROSICRUCIAN ORDER, AMORC

Presents a fascinating one-day Course, entitled "Harmony Seminar".

Be sure you come along to this thrilling new World of Mind for a day.

You may decide to remain for the rest of your life.

The course includes an in-depth examination of

- \* Visualization - Metaphysical Healing - Meditation
- \* Mystical Attunement and Cosmic Consciousness
- \* Telepathy and ESP
- \* Human Aura and Interpersonal Relationships
- \* Reincarnation - Karma and the Cycles of Life
- \* Achieving Personal Goals.

Saturday October 27 - Room 3, The Pentagon, University of Wollongong, Northfields Avenue.

As numbers are limited early registration is advisable.

Seminar 9 a.m. - 5.30 p.m. Door opens 8.30 a.m. Fee \$20.00 - morning and afternoon tea included.

Registrations: 51 Edgar Street, Towradgi - Phone Hank Kist 833721.

#### DEPARTMENT OF CHEMISTRY

Location: Building 18, Room 206.

Friday, October 5, 11.30 a.m.

Speaker: Dr. Jim Hook, Department of Organic Chemistry, University of NSW, Sydney.

Title: To be advised

Friday, October 12, 11.30 a.m.

Speaker: Dr. Mark Spackman, Department of Physics, University of Western Australia, Perth.

Title: "Electrostatic Properties from Accurate Diffraction Data"

Friday, October 19, 11.30 a.m.

Speaker: Dr. David Cookson, BHP Melbourne Research Laboratories/NERDCC Synthetic Fuels.

Title: "NMR Spectroscopy in Synthetic Fuels Research"

Friday, October 26, 11.30 a.m.

Speaker: Dr. Peter Barron, School of Science, Griffith University, Brisbane.

Title: "Multinuclear Applications of High-Resolution Solid-State NMR" (13C, 27Al, 29Si Nuclear Magnetic Resonance).

#### DEPARTMENT OF PSYCHOLOGY

Monday, 15th October, 1984

Speaker: Professor Bernd Gasch, Visiting Professor to the Department of Psychology from the Department of Social Sciences, University of Dortmund, Federal Republic of Germany.

Topic: "Psychology in the two Germanies - a comparative survey"

Time: 1.30 p.m.

Monday, 5th November, 1984

Speaker: Associate Professor Linda L. Viney, Chairman, Department of Psychology

Title: "Psychology in the Peoples' Republic of China in the 1980's: Some preliminary impressions".

Time: 1.30 p.m.



## FACULTY OF EDUCATION

September 24 - Room 19:1029

Speaker: Ron King

Title: "Technological Change and Tertiary Education"

October 8 - Institute Meeting Room

Speaker: Lyn Gow

Title: "Special Education"

October 22 - Room 19:1029

Speaker: Jenny Jones

Title: "Women in University: Australia and U.K."

November 5 - Room 19:1029

Speaker: Noelene Kyle

Title: "Woman as teacher: a historical perspective"

November 19 - Room 19:1029

Speaker: Tony Fielding

Title: "A Model of teacher development"

Enquiries to Bill Winsor on ext. 3687 or 3733.

## DEPARTMENT OF ELECTRICAL & COMPUTER ENGINEERING

All seminars will be held in Room G19 of Building 4 (Engineering Building).

October 11 - 12.30 to 1.30 p.m.

Speaker: Dr. P.D. Evans, Department of Electrical Engineering, Bath University, U.K.

Title: "An Alternator with AC-Side Excitation"

October 12 - 12.30 to 1.30 p.m.

Speaker: Dr. K.J. McLean

Title: "New Theory for Negative Corona Discharge"

October 18 - 12.30 to 1.30 p.m.

Speaker: Mr. C.L. Colella

Title: "Power Transistor Switching Devices"

Speaker: Mr. T. Vu-Dinh

Title: "Real-time Manipulation of Robot Movements Using the Robot Joint Descriptor Technique"

October 19 - 12.30 to 1.30 p.m.

Speaker: Dr. F.J. Paoloni

Title: "Diffraction Tomography"

## AUSTRALIAN SCHOOL OF NUCLEAR TECHNOLOGY

Course on Nuclear Techniques in Industry.  
5 - 23 November 1984.

Enquiries to (02) 543-3071.

## Concerts, Exhibitions and Entertainment

### WEDNESDAY GALLERY

4/328 Crown Street, Wollongong.

Paintings, pots and paraphernalia.

Open Wednesdays only 10 a.m. - 5 p.m. Enquiries to Bev - Phone 28.3853.

### TICKETS TO AUSTRALIAN OPERA PERFORMANCES

A limited number of A Reserve and B Reserve tickets are available for the following performances:

Thursday, October 4 at 7.30 p.m. -

"A Midsummer Night's Dream" - A Reserve - \$20

Saturday, October 13 at 1.00 p.m. -

"Fidelio" - A Reserve - \$20

Saturday, October 27 at 1.00 p.m. -

"Aida" - B Reserve - \$20

Bookings may be made with David Vance (ext. 3617) or Kris Morgan (ext. 3781).

### BATTLE LINES

Wollongong Poets Union, with support from the Literature Board of the Australia Council, presents a series of Four Illustrated Talks on Contemporary Australian Writing by four of its authors.

Time: 8 p.m., Mondays

Place: Upstairs, Illawarra Migrant Resources Centre, 3 Rawson Street, Wollongong.

Admission: \$2 (includes refreshments)

Remaining Talks:

October 8 'Subversive Intent' - Anna Couani

### WOLLONGONG CITY GALLERY

Forthcoming attractions:

Mary Turner Collection. Major private collection of Australian paintings - September 12 - October 16

New Horizons in Craft - September 26 - October 4

Artists in the Illawarra - October 22 - December 10

Jan Sebergs - December 14 - January 25

Gallery Hours: Tuesday - Sunday 12 - 5 p.m.

Telephone 299111 (ext. 394/395), 287802 and 287791

### ART EXHIBITION BY ZIGMUND WALDMAN

Direct from Overseas Exhibitions (Including One-man Exhibition in Tokyo and Monte Carlo's 13th International Grand Prix Art Competition).

Opening Monday 8th October 1984 - 5.30 p.m.

## PUT WOLLONGONG FIRST

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Common Room, University Union Building.

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### SCHOOL OF CREATIVE ARTS PUBLIC LECTURE SERIES

All lectures in the Music Centre are open to the public and staff and students of the University - not least to those of the School of Creative Arts. Admission is free. There are Tuesday and Thursday early afternoon lectures. (See list below).

Tuesday Public Lectures at 2.30 p.m. in the Music Centre, School of Creative Arts:

2 October	John Eveleigh	
9 October	John Eveleigh	J.M.W. Turner 1775-1853
16 October	John Eveleigh	
23 October	David Vance	Orwell's '1984'

Thursday Fine Arts Theory Lectures at 1.30 p.m. - 2.30 p.m. in the Music Auditorium

4 October	Andy Ford Willy Tirr*	Performance on own work
11 October	Andy Ford Richard Hook	Performance
18 October	Andy Ford Paul Higgs/Richard Hook	
25 October	Andy Ford Paul Higgs/Richard Hook	
1 November	Willy Tirr*	German Expressionism into Abstraction

\*Artist in Residence

### ROBERT JOHNSON & DAVID VANCE LUNCH-HOUR CONCERT

Tuesday October 2nd, Union Common Room, 12.40 p.m. Robert Johnson, french horn and David Vance, piano.

Robert Johnson has built an impressive career as a young musician. With several years of overseas study and performing experience, he returned to Sydney where he was appointed principal horn with the Elizabethan Trust Orchestra. He is also a counter-tenor, having sung with The Renaissance Players and The Leonine Consort. He is also a conductor.

## Job Vacancies

Details of the following positions are displayed on the Campus News Notice Board situated in the Administration Annexe.

James Cook	Lecturer in History Librarian Gd. 1
Wollongong	Lithographic Operator
AVCC	University Vacancies in Australia and overseas

Adelaide	Tutors in Law Senior Systems Analysts and Programmers Research Officer Gd. 1
East West Centre Hawaii	Research Associate
Monash	Chair of French
Flinders	Computer Systems Officers

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### HOLIDAY ACCOMMODATION AVAILABLE

The Women's College within the University of Sydney. Holiday accommodation available Nov. 26, '84 - Feb. 20, '85. Some flats, single and twin study bedrooms at very reasonable rates. Enquiries: Manager: Ph. 5161642 (during office hours).

### TO LET

Penthouse. Very big in Wollongong, close to hospital. Phone 288669.

### FOR SALE

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### FOR SALE

Personal computer, Casio PB 100. New. Unwanted gift to Humanities drongo. Best offer. Phone ext. 3626 or 29 8254.

### FOR SALE

Typewriter. Adler Gabrielle model 8008 electronic. 12 months old - brand new condition. Large supply of ribbons - \$450 ono. Phone ext. 3639 or 563118 a.h.