



Distributed each Tuesday

Deadline for copy noon Monday  
of previous week

Editor: Tel. (042) 270391

2 June 1987

## WOLLONGONG TECHNIQUE MAY IMPROVE FOREST MANAGEMENT

A number of methods for measuring the leaf area of forest stands have recently been developed in Australia, but there has not been a direct comparison of the methods. A University of Wollongong Academic Mr Barry Harper was recently invited by Alcoa Australia, who manage large stands of jarrah (*Eucalyptus marginata*) in the south east of Western Australia, to partake in a large-scale experiment to compare a range of methods with a view to adopting one for monitoring the leaf-area index of various jarrah forest sites.

The large-scale experiment, co-ordinated by Dr Ian Colquhoun (Alcoa), consisted of using three different measuring techniques and then felling representative trees and sampling leaves from the felled trees.

The three techniques are:

- a multivariate approach developed by Kim Whitford of the Western Australian department of Conservation and Land Management.
- a light-interception method developed by Dr Dick Lang, CSIRO Division of Environmental Mechanics.
- and the hemispherical photograph technique refined at The University of Wollongong and extended to incorporate infrared images.

The techniques were applied to a healthy pole stand near Dwellingup, WA, with the measurements taking a week to

complete. The statistical validity of the comparison was overseen by Mr J. Ruprecht of Curtin University, Department of Mathematics.

While the felling took place, each of the participants analysed the data collected and reported on the results independently.

Mr Harper's technique, which is a refinement of one he worked on with Dr David Jupp of CSIRO, uses hemispherical photography and incorporates infra-red images.

Mr Harper feels that his technique has positive advantages in that it can measure leaf area and trunk volume and can be applied to a range of stands of timber.

It will enable such variables as nutrients, rainfall and density to be measured accurately and will thus have considerable impact on forest management and conservation.

*Pictured at the jarrah site near Dwellingup, WA, are Barry Harper (U of W), (left), Tony Passchier (ALCOA), Dick Lang (CSIRO), Kim Whitford (CALM) and Ian Colquhoun (ALCOA).*



# General Notices

## INTRODUCTION TO THE 'ALEXANDER TECHNIQUE'

Weekend workshop, Saturday—Sunday, 13 and 14 June, 10 am to 4 pm. To be held at The University of Wollongong, organised by The Centre for Continuing Professional Education.

The Alexander Technique was featured in the Good Weekend Magazine (*Sydney Morning Herald*) March 28. It is a re-educational and preventative method for dealing with stress and inappropriate muscle tension and all that this can imply. It aims to recover the flexibility and physical co-ordination we have as young children. This technique is now taught in over 25 countries on four continents.

Lecturers: Penelope Carr, Peter Grunwald and Maggie Young.

Fee: \$75. Applications close June 10. Cheque/money order payable to Uniadvice Alex. Post to The Co-ordinator, Centre for Continuing Professional Education, The University of Wollongong, PO Box 1144, Wollongong, 2500.

## HIGHER SCHOOL CERTIFICATE WINTER VACATION PROGRAM

This program will be held July 6 to 10 at The University Pentagon.

The Winter Vacation Higher School Certificate program has been offered specifically for those students sitting for the Higher School Certificate in 1987.

For those students living in Wollongong it will be possible to attend on a daily basis. However, for students who live too far from the University, accommodation is available in single rooms at Weerona, Hall of Residence, at a cost of \$30 per night. This cost includes dinner, bed and breakfast and is available from Sunday July 5. Lunch is available at the University cafeteria.

Lecturers for each subject have been selected from teachers suggested by Department of Education Subject Consultants, and are either consultants or teachers in their specialised fields. Each subject will be timetabled for two sessions of three hours each, and the cost for the two sessions is \$10.

As part of the program for the Winter Vacation School, courses aimed at providing additional skills for students attending the program will be offered also. These are 'How to Write an Exam Essay' and 'Study Skills'. The cost for these two courses is \$4 each.

The program is principally designed for Year 12 students. However Year 11 students are welcome to attend.

Further information from The Co-ordinator, The Centre for Professional Continuing Education, The University of Wollongong, PO Box 1144, Wollongong, 2500.

## UNIVERSITY WELL REPRESENTED AT NATIONAL READING CONFERENCE

Staff, students, and local teachers who are associates of the Centre for Studies in Literacy are well represented at the Australian Reading Association's forthcoming National Conference (July 11 to 14).

This conference is limited to 44 papers plus keynotes and plenary sessions.

Eleven of the papers (which were selected from an initial pool of over 300) will be presented by staff, students and associates of the Centre for Studies in Literacy.

These are:

The Patterns Which Connect: Theory into Practice — Dr B.L. Cambourne (Final Plenary) (Centre staff member).

Dialogue journals — communicating in the classroom? Naturally! — Mr Pat Farrar (Centre staff member).

Spelling in the whole language school: one principal's

attempt to deal with the traditional issues and concerns within a whole language framework — Mr Max Green (Associate of Centre).

Learning to be literate — children must make the connections — Ms Jan Turbill (Centre staff member).

Evaluating literacy in a whole language classroom — Ms Hazel Brown (Associate of Centre), Dr Brian Cambourne (Centre staff member).

Oral and written language in the educational context — Ms Jennifer Hammond (Centre staff member).

NESB Children need to talk when composing — Ms Robyn Cox (MStudEd student).

Teaching another adult to read and write with applications to high school remedial reading and writing — Ms Carol McKirdy (MStudEd student).

Proof reading: using the reading-writing connection as an evaluation strategy — Ms Sue Curtis (MEd(Hons) student) (Centre staff member).

Origins of reading failure — Ms Kay Lowe (MEd(Hons) student).

I get by with a little help from my friends: learning to be literate in kindergarten — Mr Peter Geekie and Mr Peter Keeble (Centre staff members).

## VIATEL — THE FIRST SIX MONTHS

The University's entries in the national videotex service VIATEL are now more visible as the Viatel Directory is now out. The University is indexed under the following categories.

Colleges and Universities  
Consultancy to Business (the only university indexed)  
Educational Institutions  
Engineering Education (the only university indexed)  
Management Consultants (the only university indexed)  
Science and Technology Courses  
Universities and Colleges

The University of Wollongong's entry will heighten the rate at which Viatel users access our pages. It is therefore appropriate to report now on the record of access, ahead of indexation. Set out below are the times each page has been accessed.

It is a pity that the enquirers of many of the Faculty pages receive no information other than the existence of a particular Department. This will improve when more Departments decide to buy the space to publicise their courses and research.

Page	No. of times accessed
Main Index	1427
About the University	330
Session Dates	60
Location	147
History of University	108
Open Day	63
Friends of the University	80
Course Information	643
Undergraduate Degrees	165
Postgraduate Degrees	112
Postgraduate Diplomas	32
Continuing Education	51
Summer Session	39
External Studies	133
Faculty Information	
Index	364
Commerce (no information)	61
Education (no information)	58

## WE HAVE MOVED

**Campus news is no longer located on the ground floor of the new Administration Building. We are now in Planning and Development, on the first floor — up the main staircase and to the right — just beyond the Registry.**

Mechanical	76
Materials and Metallurgy	26
Arts (Three Departments on air)	280
Philosophy	40
STS	482
History and Politics	44
Mathematics and Science (no information)	192

(Note: The outstanding performance of STS, gaining more accesses than the whole Faculty, can be attributed to the Department's bold approach of buying five pages outright. This gained them immediate and separate indexation and a place in the "What's New on Viatel" pages nationally)

## GEOLOGY PRIZE NIGHT

The annual Department of Geology Prize Night was held on Wednesday, May 20. Guests were welcomed by the Deputy Vice-Chancellor, Professor Ian Chubb, and four awards for academic performance in Geology subjects during 1986 were announced and awarded.

The first of these is the prize in Geology, first awarded in 1968, and donated by the Illawarra Branch of the Australasian Institute of Mining and Metallurgy. It consists of a cheque and a certificate. Students at the University of Wollongong proceeding to a BSc degree are eligible for the prize which is normally awarded to the student with the highest mark for first year Geology. Katharine Lamb is the recipient for 1986. Her prize will be presented later in the year at a meeting of the Australasian Institute of Mining and Metallurgy.

The second prize is donated by Prospectors Supplies Limited in conjunction with the Estwing Company and the Brunton Company and is awarded to the most promising student who has completed first year Geology and who intends to continue in the subject. The prize consists of a geological hammer and a Brunton compass. Professor Howard Worner, Honorary Professor in Geology at this University, presented the award to David Le Bas.

The Foundation Prize in Geology is open to students at this University proceeding to a BSc degree and who have completed all four second year Geology subjects. The prize which was first awarded in 1978, consists of a cheque and a certificate and was presented by Professor Chubb. The recipient for 1986 was Alex Cook.

The AJ & I Waters prize in Geology is open to students at this University proceeding to a BSc degree and who have completed all second and third year Geology subjects. The prize consists of a cheque and a certificate and was first awarded in 1978. Professor Alan Cook, Head of the Department of Geology, presented the award to David Rawlings.

## NT LITERARY AWARDS

The 1987 Northern Territory Literary Awards. Entries are invited for the Red Earth Poetry Award, and the Arafura Short Story Award. Each award has two sections. In the open section the prize is \$1000 plus medallion for short story and poem, and in the NT Section, (which is restricted to two years' residence in the NT to 1/9/87) the prize is \$500 and medallion for the winning short story and poem. Entries in triplicate with cover sheet. No official entry form is required. Entries will not be returned, but results will be supplied if entry accompanied by s.a.e. Closes 5 pm August 4. For conditions of entry send self-addressed envelope to Chairperson NT Literary Awards Committee, C/- Box 1701 GPO, Darwin NT 5794.

## CENTRE FOR TECHNOLOGY & SOCIAL CHANGE

As of the first of May, the Centre for Technology and Social Change became a Division of the Illawarra Technology Centre.

The major reasons for this shift are twofold:

First, it will provide a financial and legal environment more appropriate to the burgeoning commercial operations of TASC (approaching \$500,000 in 1987). Second, it will

enable more effective linkage between those areas of TASC activity which are complementary to those of the ITC.

*New South Wales Attorney-General Terry Sheahan (left) launched the new book on Australian Corporate Law at State Parliament House, Sydney, on May 14. The book, The Australian Corporate Law Reference, was compiled by Jim Jackson (middle) and Ken Hale and is published by Legal Books Pty Ltd.*



enable more effective linkage between those areas of TASC activity which are complementary to those of the ITC.

TASC itself will be organised into two Divisions:

- A Commercial Division, which will handle the wide range consultancy and training activities in which TASC is engaged
- A Research Division, through which TASC will continue to operate as an academic unit, and engage in more fundamental research.

Ron Johnston and Stephen Hill continue as Directors, the former on a three-quarter time, TASC-funded secondment.

## AUSTRALIAN INSTITUTE OF NUCLEAR SCIENCE AND ENGINEERING COURSES

Courses will be held at the Australian Institute of Nuclear Science and Engineering, Lucas Heights:

Radioisotope course for graduates no. 33 July 20 to August 14. Fee \$900.

Radionuclides in Medicine no. 15 September 14 to October 2. Fee \$900.

Nuclear techniques in industry no. 4 October 19 to November 6. Fee \$700.

The Institute (AINSE) will consider the provision of support (towards the cost of fees and living expenses at Lucas Heights) for academic staff of this University to attend the Radioisotope course for graduates.

Further information, from Dr R. McC. Lilley, Radiation Safety Officer, ext 3431.

## ANNUAL GENERAL MEETING OF THE UNIVERSITY OF WOLLONGONG ASSOCIATION OF PROFESSORS

Officers elected at the first annual general meeting of the University of Wollongong Association of Professors held on April 29 were:

President — Professor J.B. Ryan

Vice President — Professor A.C. Cook

Secretary/Treasurer — Professor J.R. Blake

Elected members of the Executive:

Professor H. Bradlow, Professor D. Griffiths

The Association was formed at a meeting held on May 2 with the main objectives of promoting and encouraging excellence in scholarship, teaching and research within the University, and the strengthening of the role of the professoriate and its contribution to the University.

It was decided that the two sub-committees on development of the University and superannuation should be continued with the former including entry standards.

The annual subscription was fixed at \$10.

# Research Funds

The following sources of research funds 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.

## PREVIOUSLY REPORTED IN CAMPUS NEWS

Name	Internal Closing Date
French Government Scientific Fellowships	June 12
Clive and Vera Ramaciotti	June 15
Australian Academy of Science – Selby Fellowship	June 16
Ship time on R.V. Franklin	June 22
Australian Academies and Royal Society – UK Visits	August 18
Australian Academy of Humanities – Travel Grants	September 30
History of Culture in Australia Prize and Award	September 30
Cambridge Benians Fellowship	October 1
Edinburgh Institute – Humanities Visiting Research Fellowships	November 16
Clive and Vera Ramaciotti - Travel Grants	Any time
Earthwatch	Any time
Criminology Research	Any time

## JAPANESE FELLOWSHIP 1988/89 – MATSUMAE INTERNATIONAL FOUNDATION

The Matsumae International Fellowship is offering fellowships in Japan for periods of three to six months from April 1, 1988 to March 31, 1989. Fields such as natural science, engineering and medicine are given first priority. The Fellowship provides financial assistance for travel, accommodation and maintenance.

Applications close with the University on September 16.

## JAMES N. KIRBY FOUNDATION

The James N. Kirby Foundation has invited applications for grants in the areas of health, education, technology and science, art, literature, and the conservation, maintenance and development of Australia's natural resources.

Applications close with the University on October 19.

## AUSTRALIAN TOBACCO RESEARCH

The Australian Tobacco Research Foundation has invited applications to conduct research into the relationship in Australia between tobacco smoking and health and disease in its widest context.

Applications close with the University on June 16.

## CANADIAN STUDIES AWARDS

Applications are invited for Canadian Studies Awards intended to enable the design and teaching of new courses in Canadian studies or to introduce Canadian content into existing courses.

Applications close with the University on July 1.

## GRANTS FOR FILM, VIDEO, LITERATURE AND HISTORY

The NSW Government is inviting applications for grants under the government's programs of assistance for film, video, literature and history during 1988.

Applications close with the University on June 22 (film and video) and June 29 (Literature).

## GRANTS FOR SPORT AND RECREATION FOR THE DISABLED

The National Committee on Sport and Recreation for the Disabled is seeking applications for support for the following activities:

- travel to international sporting competitions/meetings;
- research (sport or recreations);
- recreation projects;
- integration of disabled people into non-disabled people sport and recreation activities.

Applications close with the University on June 12.

## 1988/89 ANTARCTIC RESEARCH PROGRAM

The Department of Science have invited expressions of interest from researchers planning research in the Antarctic in 1988/89.

Applications close with the University on June 12.

## CSIRO 1987 POSTDOCTORAL AWARDS

The Commonwealth Scientific and Research Organisation invites applications from PhD graduates or those nearing the completion of the requirements for a PhD degree, for Postdoctoral Awards of two years' duration. In the second year of the award the recipient will be required to work on an approved joint research project with CSIRO.

Applications close with the University on June 16.

## ELECTRICAL RESEARCH BOARD

Applications for grants to support research in areas relevant to the electricity supply industry, including the field of mechanical engineering where relevant.

Applications close with the University on June 22.

## THE QEII SILVER JUBILEE TRUST GRANTS

Members of Faculty and students are eligible to apply for grants to help develop their talents or a special project, and/or render services to the community.

For further information contact the Office of Research and Postgraduate Studies.

## ROTHMANS FELLOWSHIPS

Applications are invited for Rothmans Fellowships awarded to enable Fellows to undertake postgraduate work within an Australian University. The Fellowships, valued at \$25,000, are awarded initially for one year and may be renewed for a second year. Applicants must be graduates with at least three years' postgraduate experience in research.

Applications close with the University on July 10.

# Scholarships and Prizes

## AUSTRALIAN TOBACCO RESEARCH SCHOLARSHIPS

The Australian Tobacco Research Foundation has invited applications for postgraduate scholarships to undertake a full-time higher degree involving research into the relationship in Australia between tobacco smoking and health and disease in its widest context.

Applications close with the University on June 16.

## ANZAC FELLOWSHIPS 1988

Applications are invited from Australians working in fields such as primary and secondary industry, commerce, education, the arts or public service to spend three to twelve months in NZ following an approved program.

Application forms can be obtained from the Secretary, ANZAC Selection Committee, Department of Education, PO Box 826, Woden, ACT, 2606.

Applications close on July 17.

## JAPANESE GOVERNMENT (MONBUSHO) SCHOLARSHIPS 1988

The Japanese Ministry of Education (Monbusho) is offering undergraduate and postgraduate scholarships for study in Japan beginning in 1988.

Further information can be obtained from: The Secretary, Department of Education, (Japanese Government Monbusho Scholarships), PO Box 826, Woden ACT 2606. With whom applications close on July 17.

## AUSTRALIAN WOOL CORPORATION – POSTGRADUATE SCHOLARSHIPS

Applications are invited for scholarships for postgraduate training commencing early 1988 in those areas of Wool Production, Wool Harvesting, Wool Distribution, Wool Measurement, Wool Textile and Wool Economic Research where it is considered there is a shortage of adequately trained people.

Applications close with the University on June 17.

## GERMAN LANGUAGE SCHOLARSHIP

The Goethe Institute is offering language course scholarships to tertiary students who are Australian citizens who have successfully completed a basic German language course. The scholarships include tuition fee for an eight week course at a Goethe Institute in the Federal Republic of Germany, free accommodation and a monthly allowance.

Application forms can be obtained from the Goethe Institute, Sydney, ph. (02) 328 7411 with whom applications close on July 15.



## EEO QUIZ COMMENTARY

I hope you still have last week's copy of *Campus News*. This week we are going to examine the statements in more detail. Each of us probably checked off different statements as being personally acceptable or unacceptable. Look at the list again.

There are certain conditions or requirements over which you do have some control. For example, if it is a condition of employment (Statement G) that you wear protective eye covering at work, you may find this objectionable but it is acceptable because you can choose whether or not to comply with the requirements. If you want the job, you must choose to comply.

However, there are other conditions or requirements which do not allow you to exercise personal choice. If you are refused employment because you are over 35 (Statement H); since you cannot become younger, this imposes an impossible requirement which you cannot reasonably be expected to meet. Because you have no control over your age, this requirement unfairly discriminates against you. However, in New South Wales, it is not unlawful to discrim-

inate on the basis of age.

Two codes of human rights legislation now operate in New South Wales. Under the State Anti-Discrimination Act, discriminatory conduct is unlawful if it arises in specified areas of people's public life. Discrimination is unlawful if it is based on certain characteristics which people have or are presumed to have, for example their race, sex, marital status, homosexuality or impairment. Federal legislation covers discrimination on the grounds of race, sex, marital status and pregnancy and some particular aspects of government practice.

The Anti-Discrimination Board has consistently recommended that the State Act be amended to make age discrimination unlawful in New South Wales. To date, the government has not acted on this issue. However the Committees on Discrimination in Employment and Occupation do investigate and attempt to reach conciliated settlements in disputes over discrimination in employment.

Let us review the other eight statements to see which ones impose unreasonable/impossible requirements on conditions of employment.

– Statements D ("When you become a Senior Manager, you get a larger office.") and G ("This is a foundry. All welders must wear protective eye covering.") Both fall into the same category. While you may find these situations objectionable, they are reasonable conditions of employment and present no requirements with which you could not comply.

– Statements A ("Construction work requires strength. We only recruit men for this job.") and B ("We don't hire black salespersons because our customers disapprove.") impose impossible requirements of employment because you cannot change your sex or race. These discriminatory requirements are also illegal in that they contravene the NSW Anti-Discrimination Act (1977).

– In Statement C ("Computer programmer wanted. Must have Australian experience."). Australian experience does not appear to be an essential job requirement and may have the effect of unfairly eliminating qualified programmers.

– Statement E ("I do all my recruiting on the golf course.") unfairly discriminates against those not in the "old boy" network. This recruitment practice may have the effect of excluding certain groups from possible employment. This "old boy" network is an example of what is meant by "systemic discrimination".

– In Statement F ("All our safety signs and forms are in English. It's more practical to hire people who can read English."), safety could be ensured through language training or by changing the safety signs, if that is all the reading required for the position. Therefore, disqualifying a candidate because of a language deficiency may be unreasonable and unfairly discriminate against non-English-speaking people.

– In Statement I ("You say your religion does not allow you to work on Saturdays, I'm sorry, we can't use you."), because employers in New South Wales are not contravening the Anti-Discrimination Act by refusing employment on the basis of "creed" or religion, then this practice would be acceptable here. In many other places, however, Human Rights legislation covers creed as well as age (Statement G) and unless they could prove undue hardship on their business, would be expected to provide "reasonable" accommodation for a prospective employee's religious beliefs and practices.

Statements A, B, C, E, F, H and I illustrate some of the barriers in organisations which restrict the entry and upward mobility of prospective or present employees.

The question all people concerned with equal employment opportunity must ask themselves is, "what can we do to overcome these barriers?"

## GRIEVANCE MEDIATORS

The closing date for applications for selection as Grievance Mediators has been extended until June 12.

# Concerts, Exhibitions and Entertainment

## ILLAWARRA MUSIC CLUB 1987 CONCERT SERIES

Friday June 12 – Wollongong Town Hall Theatre at 8 pm  
Alice Fitzsimmons and Friends present an Evening with Schubert including Lieder, Chamber Music and Songs.

Friday August 28 – University of Wollongong Union Hall at 8 pm. Illawarra Mercury National Operatic Aria Competition Semi-Final.

Saturday August 29 – Wollongong Town Hall at 8 pm. Illawarra Mercury National Operatic Aria Competition Grand Final Concert.

Friday October 30 – Cram House, Crown Street at 8 pm. An Edwardian Evening presented by Peter Roberts. An evening of pomp and circumstance, of musical recollections of the Indian Empire, of the colonies of King Edward and all that it meant to be 'British'. Parlour songs, a palm court orchestra and other musical ensembles will make this an evening of enjoyment.

In addition to the 1987 Subscription Concert Series, the Illawarra Music Club is proposing some special events—

\* Friday November 20 – Wollongong Town Hall Theatre. Herman Loewen, Baritone, and Delcie Schipp, Soprano.

\* It is also planned to hold a special chamber music concert presented by the IMC Chamber Music Sponsors. Once a year lovers of chamber music sponsor, through the IMC, a chamber music concert of the highest quality, bringing to Wollongong the finest of Australian chamber musicians.

\* The Illawarra Music Club has a continuing commitment to the development of young musicians from the Illawarra through its Scholarship/Wollongong Hi Fi Shield for Schools Competition. The 1987 competition will be held on Saturday September 19 at the University of Wollongong Union Hall. There are three sections – keyboard, vocal and instrument. Further details to be announced.

## SCHOOL OF CREATIVE ARTS

Friday July 24 at 8 pm

SCAW Ensemble conducted by John Wayne Dixon  
Peter Maxwell Davies – Renaissance Scottish Dances  
John Wayne Dixon – Champagne Flutes, Three Emily Dickinson Songs

David Bedford – With a Hundred Kazoos  
Admission: \$5, concession \$3

## TRANSITIONS

An exhibition of paintings in mixed media by Linda Browne will be held from June 7 to 21. Preview 11.30 am Sunday June 7 at the Graham Gallery, 135 Cordeaux Road, Kembla Heights. Hours Saturday and Sunday 12–5 pm or by appointment.

Linda Browne completed an Associate Diploma in the Arts at the University of Wollongong. She exhibited in various group exhibitions, paintings in private collections, both in Wollongong and interstate. She is now with the Australian Film Television and Radio School.



*Recent staff additions include Computing Science teaching fellows Mr Selim Jok (above left), Mr Phillip Herring (above) and Mr Stephen Nicholson*

## BHP REVIEW

On June 2 and 16, and perhaps also on June 30 the BHP review of Win 4 will feature a video on the BHP sponsorship of the Conservatorium Orchestra at the University of Wollongong. Time: approximately 8.27 pm.

## NIKOLAI EVROV IN CONCERT

On Friday June 5 at the Gleniffer Brae Auditorium—a concert by the famous Bulgarian international concert pianist. Admission \$4 (adults) \$2 (concession).

For bookings telephone Conservatorium office, 281122 or 3533 (internal).

Saturday June 6 Evrov Master Class. Three sessions: 10.30 am – 12.30 pm, 1.30 pm – 3.30 pm, 4 pm – 6 pm. Again booking would ensure a seat.

## P.S.A. NEWS

The PSA regional organiser is Alf Whiddett. Alf is based at Victoria Street, Wollongong, and covers the S.E.A. region. This region extends from Campbelltown to the Mexican border, including Yass and Cooma.

Alf usually gives an area report at each South Coast branch meeting and he has expressed an interest in attending our meetings when time permits.

The national wage case decision to give workers \$10 (gross) as the first tier level in the recent wage case clearly brings to the fore the fact that workers do need to unite and support their respective union or association. It was only the collective efforts of the unions (A.C.T.U.) that enabled us to gain anything at all. Clearly the two tier system is not going to solve all our wage problems especially in the public sector but it is the only system we have.



## Staff Roundup

### THE BIG 60

Did you realise that the University has a policy that both academic and general staff will retire at age 60 years?

It has become apparent that some staff were not aware of the policy affirmed by Council that the normal expectation is for permanent staff to retire at age 60, unless special arrangements to continue on beyond that age are agreed to by Council.

In order to prepare staff for retirement the University will embark on a program of individual counselling and retirement seminars for staff nearing 60.

The University has taken the view that staff wishing to continue beyond 60 years of age should have the opportunity to put a case (or have one made on their behalf to the Vice-Chancellor or if necessary, to Council. Any extension beyond age 60 would be for limited periods and subject to further review. From time to time the University may also make limited term appointments for staff over the age of 60 or for staff who would be over 60 at the expiry of the term of appointment, usually as a result of special needs operating at that time.

Staff who believe that they may incur some hardship if they retire at 60 years are welcome to discuss their concerns with Mrs Sue Chapman, Manager, Personnel Services.

Watch this space for further information on retirement seminars.

## friends Campus Community Interface

### PROGRAM OF EVENTS AND MEETINGS

June:

Wednesday 3 – Graduates Group, 6 pm, building No. 36, room 303

Wednesday 10 – Projects Committee, 5 pm, Union Board Room.

July:

Sunday 5 – Commonwealth Bank High Schools Chess Tournament, 1pm to 6 pm, Union Cafeteria

Friday 17 – Community Involvement Committee, 5.30 pm, New Town Hall Committee Room.

August:

Sunday 9 – Town v Gown Rugby Match (Gown defending champions), University Oval No. 2.

### CURRENT VACANCIES

- \* Senior Administrative Officer Grade 1 (Finance), Financial Services Branch, closing date June 5.
- \* Clerk Grade 1/2 (Creditors Clerk), Financial Services, closing date June 5.
- \* Graduate Assistant/Administrative Assistant Grade 1, (Faculty Officer, (2 positions), Academic Services, closing date June 5.
- \* Psychologist/Clinical Psychologist, (limited term-half time), Psychology, closing date June 5.
- \* Clerk Grade 1/2 (Debtors Clerk), Financial Services, closing date June 5.
- \* Secretary (limited term), Languages, closing date June 5.
- \* Patrol Officer, Maintenance and Services, closing date June 5.
- \* Computer Trainees, closing date June 5.
- \* Secretary (limited term), Physics, closing date June 5.
- \* Clerk (part-time), Student Administration, closing date June 5.
- \* Gardener, Maintenance and Services, closing date June 5.
- + Chair in Italian, closing date June 12.

Further details for those vacancies marked \*, Gary Graham, ext 3935; for the vacancy marked +, Ross Walker, ext 3934.

### OCCUPATIONAL HEALTH AND SAFETY COMMITTEE – MEMBER VACANCY

A vacancy exists on the Committee for a member appointed by the University. Persons interested in nominating for the position, or seeking further information should contact the Committee Secretary, Lisa Jones in the Personnel Services Branch or on ext 3944.

Nominations for the vacancy close June 12.

### STAFF CHANGES

New Starter

Ms S. Johnstone, Administrative Officer (Planning)

Transfer/Promotion

Ms H. Mellos, Laboratory Assistant, Health Sciences

Wednesday 5 – Graduates Group, 6 pm, building No. 36 room 303

Wednesday 12 – Projects Committee, 5 pm, building No. 36, room 303

Friday 14 – University Day Address, 6 pm, Union Hall.

October:

Sunday 11 – University Open Day, whole campus. Town v Gown Cricket Match, University Oval No. 1. (Town defending champions).

Graduates Group Reunion Barbeque, University Oval 3.

Wednesday 14 – Projects Committee, 5 pm, building No. 36, room 303

Wednesday 21 – Friends visit to Electrical and Computer Engineering, 12.30 to 2 pm, Building No. 35, Room G43.

November:

Wednesday 4 – Friends visit to Sociology, 12.30 to 2 pm, Building 19, Room 2105.

Wednesday 4 – Graduates Group, 6 pm, building No. room 303

Friday 13 – Community Involvement Committee, 5.30 pm, New Town Hall Committee Room.

Friday 20 – Accountancy and Legal Studies/Management Annual Valedictory Dinner, 7 pm to 1 am, Union Hall.

## Seminars

### ACCOUNTANCY AND LEGAL STUDIES

Date: Friday August 7  
Time: 11 am  
Place: 19.2035  
Speaker: M. Greenwell  
Topic: The Impact of the Seven Year Protection Plan on the Footwear Industry

### DEPARTMENT OF BIOLOGY — BIOMEDICAL EVENING SEMINARS 1987

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 June 10 — Mr R. Boyd, Head, Radioactive Products, Research Section, Lucas Heights Research Facility — Diagnostic Use of Radioisotopes in Medicine.

Wednesday July 8 — Dr Dick Telford, Chief Scientist, Australian Institute of Sport, Canberra — Physiology of High Level Sporting Activity.

### DEPARTMENT OF CHEMISTRY

Session 1 seminars are to be held on Thursdays in Room 18.206 at 11.30 am.

June 4 — Dr Richard Haynes, Department of Organic Chemistry, University of Sydney  
Topic — Asymmetric Synthesis

### FACULTY OF ARTS INTERDISCIPLINARY METHODOLOGY SEMINAR — SESSION 1

Note Program change

Thursday June 11 — Rebecca Albury, Sociology Department, 'Hidden Agendas in the In-Vitro Debate: analysis of the popular media'

Seminars are held in the Sociology Department, Room 19.2103, at 12.40 pm (bring your lunch), Enquiries: Ariel Salleh, Senior Lecturer, Sociology, ext 3614

### 2ND OPEN SEMINAR SERIES THE BRAIN AND LEARNING

June 5: Cognitive Science Teaching Theme. Dr Peter Slezak, University of NSW (HPS).

June 19: Perceptual and Conceptual Learning Theme. Professor William Lovegrove, University of Wollongong (Psychology). Professor William Noble, University of New England (Psychology).

### DEPARTMENT OF PHYSICS SCHEDULE OF LUNCH-HOUR FILMS FOR SESSION 1

A series of seven lectures given by Professor Richard Feynman, the celebrated Nobel Prize winner, produced in a number of films under the title Feynman Lectures, will be presented in the Physics Lecture Theatre (building 18 room 118).

Thursday June 4, 12.30 pm — Probability and uncertainty  
Friday June 5, 12.30 pm — Seeking new laws.

Students, staff and members of the public are welcome.

### DEPARTMENT OF PHYSICS — SCHEDULE OF COLLOQUIA

Held in Physics Lecture Theatre (building 18, room 118).  
Thursday June 4, 12.30 pm — Dr Michael Kenny, Division

of Material Science and Technology, CSIRO Lucas Heights — Surface Analysis by Rutherford Back Scattering.

Thursday July 16, 12.30 pm — Dr Lindsay Tassie, Department of Theoretical Physics, Research School of Physical Sciences, Australian National University — Strings and the Universe.

### DEPARTMENT OF MATHEMATICS

Speaker: Professor John Loxton, School of Mathematics, Macquarie University.

Topic: Numbers and Fourier Theory.

Date: Thursday, June 4

Time: 1.30 — 2.30 pm

Place: Room 15.204 (Austin Keane Building)

### DEPARTMENT OF PHYSICS — SCHEDULE OF PUBLIC LECTURES

Held in Pentagon 3 (building 20.3).

Thursday July 30, 8 pm — Dr Barry Allen, Applied Physics Division, AAEC, Lucas Heights — Neutron Diagnosis in Therapy for Wasting Diseases and Cancer.

## Job Vacancies

Details of the positions listed below are on file in the Development Planning Office, on the second floor in the administration building.

ANU	Senior Lecturer (tenurable), Temporary lecturer (two years), temporary lecturer (one year) Faculty of Asian Studies Japan Centre
James Cook	Chair in Tropical Health
Murdoch	Lectureship in Mathematics, School of Mathematical and Physical Sciences
Macquarie	Lecturer in Business Law tenurable or fixed term, School of Economic and Financial Studies Lecturer in Actuarial Studies
Newcastle	Lecturer (tenurable), Department of History
Papua	
New Guinea	Lecturer/Senior Lecturer, Department of Accountancy and Business Studies
Queensland	Lecturer (2) in Physiology and Pharmacology (fixed term) Department of Physiology and Pharmacology Lecturer in Geophysics (5 year fixed term) Department of Geology and Mineralogy Foundation Professor of Speech Pathology

## Sport

### WOLLONGONG MAKE IT TO FINALS

A team from the University of Wollongong Netball Club recently competed in the 1987 Australian University Netball Championships hosted by the University of New South Wales.

Despite being hampered by a series of severe knee and ankle injuries, the Wollongong team made it to the semi-finals, beating the University of Western Australia by 30 goals. However, in the finals, the University of Sydney players proved too strong, defeating the University of Wollongong by 54-36.

The high standard of play demonstrated by the Wollongong players was acknowledged by the fact four of the ten players selected in the Combined Australian Netball team were from the University of Wollongong team. These players included Alison Porritt, Marre Turnbull, Joanne Harding and Joanne Murray. The team was sponsored for all first aid equipment by "Elastoplast".