THE UNIVERSITY OF WOLLONGONG

# CAMPUS NEWS

Distributed each Tuesday | Deadline for copy noon Monday of previous week | Editor: George Wilson, Tel. (042) 270391

8 September 1987

# STRATEGIC POLITICAL AND ECONOMIC ISSUES FOR MANAGEMENT

The Centre for Continuing Professional Education at The University of Wollongong will be offering a lecture/seminar on **Strategic Political and Economic Issues for Management** at the University on Monday October 19 from 2 pm to 4 pm.

The speaker will be Alan Carroll, who is based in Melbourne and is the Managing Partner of Business International Australia — a globally linked consulting research and publishing organisation dealing with the majority of the world's largest multinational companies. He is also chairman and co-founder of Australian Ratings, the major corporate credit-rating agency in this country.

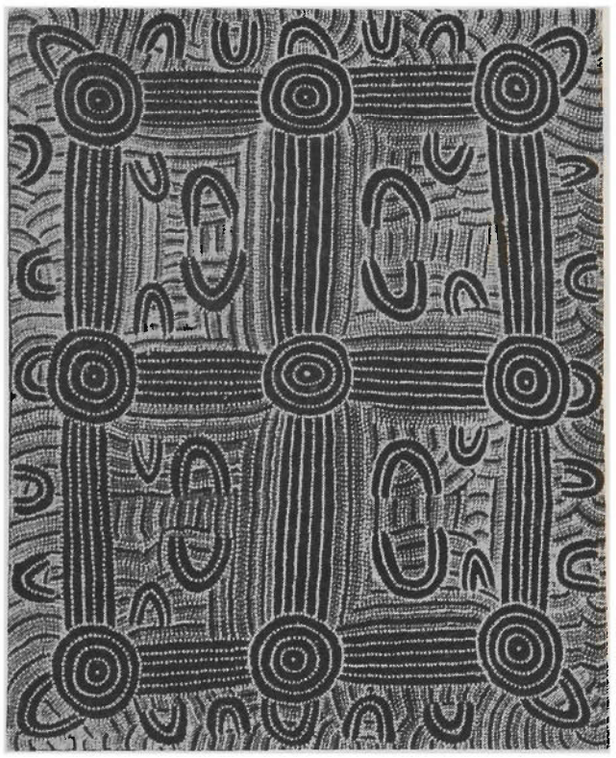
Mr Carroll has developed a number of other significant business interests in recent years and in August 1986 was voted the inaugural award of the American Chamber of Commerce as their Victorian Businessman of the Year in a poll which included many of Australia's leading and perhaps better-known commercial figures. Alan is, however, best known for and has developed an international reputation in external political and economic environments and their implications for corporate strategic planning.

The Japanese correspondent for ***The Australian*** wrote in November 1986 of a speech Alan had given in Tokyo: 'His bold projections utterly upstaged the 'official' two-country annual review, the Australian-Japan Businessmen's Co-operation Conference, wich closed in Osaka on November 1. Like a prophet unrecognised in his own country, the Perth-born, US-educated analyst is well regarded in Tokyo. In February last year, he correctly forecast that the US dollar would fall to 150 yen, oil would drop below US$15 and the Marcos regime would fall in the Philippines.'

As indicated, Mr Carrol originates from Perth, Western Australia, but graduated in 1966 from Georgetown University, Washington DC, where he attended the School of Foreign Service studying International Economics and Government. He is also a 1974 alumnus of the Program for Management Development at the Harvard Graduate School of Business Administration.

He is currently chairman and co-founder of three successful and relatively new companies: Australian Business Marketing P/L, publishers of the Melbourne Business Information Guide; Bicam International, an exectuve remuneration consultancy; and Digital Imaging Australia, a video technology firm dealing with most of the country's major television and animatic production houses. He is also a member of the Board of Management Committee of Ogilvy and Mather, a Board Director of MacDonalds, and a Senior Associate at the Melbourne University School of Business Administration.

## Aboriginal Art '87



*For details of the exhibition of Aboriginal art, being staged by the School of Creative Arts and officially opened yesterday, September 7, please turn to page 7. The painting shown above is from the exhibition and is the work of Long Jack Phllipus Tjakamarra of the Walpri/Luritja tribe*

## THE PROBLEMATIC TEXT

The English Department lecture series, The Problematic Text, continues after the mid-semester break. First speaker for session 2 is the prolific and distinguished critic and writer, Meaghan Morris, who will talk to her Art and Text article:

'Tooth and Claw: Tales of Survival, and Crocodile Dundee'.

The lecture will be held on Monday September 14 at 12.30 pm in Room 11.25, Building 19. All welcome.

# General Notices

## ALCOHOL AND OTHER DRUGS IN THE WORKPLACE

The University has a clear responsibility to ensure that staff members are aware of the consequences of the excessive consumption of alcohol during working hours.

There are two issues:

1. The effective performance of a staff member can be severely restricted if the staff member is under the influence of alcohol or other drugs;
2. The University has a responsibility for the safety of staff, students and visitors to the University.

The Occupational Health and Safety Act 1983 states that:

'S.15 (1) Every employer shall ensure the health, safety and welfare at work of all employees.
and
S19 Every employee while at work -
(a) shall take reasonable care for the health and safety of persons who are at his place of work and who may be affected by his acts or omissions at work ...'

The penalties under these sections are $1,000 fine for breaches of Section 19 and a $50,000 fine for breaches of Section 15 by a corporation.

It is the responsibility of staff members not to attend for work or return to work after lunch under the influence of alcohol or other intoxicating drugs.

Supervisors of staff who are deemed to be under the influence of an intoxicating drug have a responsibility to ensure that the staff member does not endanger in any way the safety and well being of colleagues, visitors or students; and that the staff member can effectively perform his/her duties if he/she remains on duty. Should there be doubt in relation to these requirements the staff member should be removed from the workplace. If the staff member needs to leave the campus the relevant supervisor or other nominee of the University should ensure that the employee does so safely, (for example, by arranging a taxi so the staff member does not drive).

Where appropriate, disciplinary action will be taken upon the staff member's return to work. However, the University recognises that a medical problem such as alcoholism may exist in some cases. If so, assistance will be provided to the staff member to obtain counselling and other treatment if necessary.

In summary, all staff of the University have a responsibility to perform their duties effectively and/or safely. The University will take whatever steps necessary to ensure that this occurs as it views very seriously the problem of intoxication in the workplace.

## CAMPUS WILL WIN MORE FRIENDS

That is the title of a leader in ***The Illawarra Mercury*** for Tuesday August 25. The article read:

'Wollongong University has done prospective tertiary students a big favour by publicly announcing minimum requirement levels for the different faculties.

'In breaking with tradition, the university has thrown down the gauntlet to other universities to lift the mystery surrounding entrance requirements.

'There was an outcry in January this year when Higher School Certificate examination results were released.

'Under the old HSC system students receive an aggregate mark out of 500. A score in excess of 350 was considered excellent.

'That aggregate was used by tertiary institutions to gauge the suitability of applicants for admission to colleges and universities.

'This year the Board of Senior Schools Studies altered the system, giving two marks for each HSC subject, one based on the school assessment of performance in Years 11 and 12, and the other on the end of year examination.

'Universities and colleges then calculated aggregates for students wishing to further their formal education, but the aggregates varied for each institution.

'This caused consternation for students attempting to enter individual faculties.

'They did not know whether their academic qualifications matched the university's entrance requirements.

'Some students were turned away from some of the more popular campuses, but their marks were adequate to gain them entrance to the tertiary system elsewhere.

'But Wollongong has stopped that heartache and confusion.

'Students can now set themselves goals, knowing that if they reach the required mark there will be a place for them at Wollongong University.

'The new approach will see Wollongong continue its growth which has seen a rapid increase in student numbers in recent years.

'Wollongong is justifiably proud of its university.

'This latest exercise is a masterstroke in the public-relations field and can do nothing but win the campus yet more friends.'

The announcement of the policy of announcing minimum requirement levels appeared also in ***The Daily Telegraph, Sutherland Shire Voice, North Shore Advertiser, The Sun, St. George Leader*** and ***The Australian Higher Education Supplement.***

## DEPARTMENT OF ECONOMICS SIR RICHARD KIRBY LECTURE

The 1987 Sir Richard Kirby Lecture will be held on October 12 at 7.30 pm in Pentagon 1.

Guest lecturer is Bill Kelty, Secretary of the ACTU. All welcome.

Light refreshments will be served after the lecture.

Further information Ray Markey, ext 3734 or Di Kelly, ext 3662.

## THE AUSTRALIAN UNIVERSITY GRADUATES CONFERENCE

Forty representatives from graduate organisations of universities across Australia gathered at La Trobe University outside Melbourne over the weekend August 14 to 16 to exchange ideas and find ways to further their common objective of encouraging support for Australian universities.

The audience was greatly impressed by Mr Fred Volkmann, Associate-Vice-Chancellor and Director of Public Relations of Washington University in Missouri, USA, as he described the enthusiasm of the alumni of his institution and how generously they support it. Their remarkable achievement last year was to raise $5 million which, among other new ventures, enabled 30 new professors to be appointed.

The conference was also addressed by Professor David Penington, well known as the Chairman of the National Aids Task Force and now Vice-Chancellor elect of Melbourne University. He welcomed the challenge of his future job while realising that many difficulties lie ahead for universities. Their traditional role is to train high-calibre graduates for vital positions in the community and to maintain and extend existing knowledge through research. At a time when funds for tertiary education are being cut back severely, universities are being asked by governments to give extra emphasis to co-operative ventures with industry with the objective of overcoming the country's economic problems and trade imbalance. He asked for the help of alumni and the AUGC to extend information and understanding within the general public of the contributions which universities make to the community and of the need for the support of graduates.

At the conference a strategic plan was developed for the years ahead and a set of priorities adopted. Top priority

is to raise the public image of universities by improving communication, first between participating graduate organisations, then between these organisations and the graduates of their universities and finally between graduates and the wider community. This strategy is directed at a better understanding of universities by the public at large. It is expected to result in more appreciative funding of universities by governments, by corporations, by industry and by the graduates themselves.

## J.B. CHIFLEY PRIZES

Beginning with 1986 the New South Wales Branch of the Australian Labor Party will award prizes of $1500, $1000 and $500 for the best essays on the ALP by undergraduate students.

The aim of the awards is to encourage further study of the Australian Labor Party and politics from as wide a range of disciplines as possible, especially those students who have not yet committed themselves to further study of the ALP.

Only undergraduate students are eligible. Essays, on average, are expected to be around 5000 words.

Entries must be lodged by November 1 with the NSW Branch of the ALP and should be addressed to: Mr Stephen Loosley, General Secretary, Australian Labor Party (NSW Branch), 9th Floor, 377 Sussex Street, Sydney, NSW, 2000.

A copy of the work must be lodged with the ALP Library, and agreement made that the essay may be published in the ALP Journal or in pamphlet or other form.

Further information from Education and Research Officer, Malcolm McGregor, at the NSW Branch Office, Australian Labor Party, on (02) 2642732.

## HONOURS AND POSTGRADUATE RESEARCH IN BIOCHEMISTRY AND CHEMICAL PATHOLOGY

The Department of Biochemistry and Chemical Pathology, The Flinders University School of Medicine (Head, Professor M.N. Berry) invites applications from graduates interested in doing research towards the following degrees: B.Sc.Hons, B.Med.Sc.Hons, M.Sc., Ph.D.

Further information about research projects, accommodation, scholarships and the Flinders Medical Centre, will be sent on request. Inquiries, accompanied by a curriculum vitae, should be directed to the member of staff in the research area of interest, or to Professor M.N. Berry.

The address of all members of staff is: Department of Biochemistry and Chemical Pathology, Flinders Medical Centre, Bedord Park, S.A. 5042, Australia.

Closing date for scholarships: October 31.

## NATIONAL ABORIGINES WEEK

Photography exhibition Thursday September 10, Union Hall: 11 am – 2 pm.

The Aboriginal Education Unit on campus presents Aboriginal videos in the Northern Lounge 9.30 am – 3 pm.

Photographic exhibition Friday September 11, Union Hall: 11 am – 2 pm.

## THE AUSTRALASIAN INSTITUTE OF MINING AND METALLURGY ANNUAL STUDENTS' FORUM

Date: Tuesday September 8

Place: The Southern Mine Rescue Station, 653 Princes Highway, Russell Vale

Program: 5.30 pm (i) Barbecue; (ii) Inspection of Mine Rescue facilities; 7 pm (iii) Address by President of the Institute; (iv) Prize presentation; (v) Technical papers by P. Robbins and D. Teal; 8 pm (vi) Forum and general discussion led by personnel from the mining industry.

The Annual Students' Forum is an important part of the Illawarra Branch program. The Illawarra Branch Committee has continued to make a special effort to improve liaison with the students from both The University of Wollongong and the Wollongong Technical College. The Illawarra Branch is dedicated to committing resources to the development of a strong student program within the mineral professional society in this country. The Branch has provided free copies of the ***Australasian Coal Mining Practice*** to student members who are currently enrolled at The University of Wollongong.

This year the Illawarra Branch has invited the President of the Institute, Dr Don Zimmerman, to be guest speaker and also present prizes to the winners.

## H.V. EVATT ESSAY PRIZE – 1988

Each year the H.V. Evatt Memorial Foundation awards a prize of $1000 for an essay on Dr Evatt or his work in one of the following areas:

Australian Politics
International Affairs
The Law

Closing date for entries is 26 February 1988.

The essay must be an original piece of work, not previously published.

Entries must be typed, doubled spaced, with a copy of the submitted essay retained by the entrant.

Essays should be 4000 to 5000 words in length.

The competition is open to everyone in Australia.

The essay should focus on Dr Evatt.

Essays should be accompanied by an entry form available from: H.V. Evatt Memorial Foundation, Suite 1134, 121 Macquarie Street, Sydney.

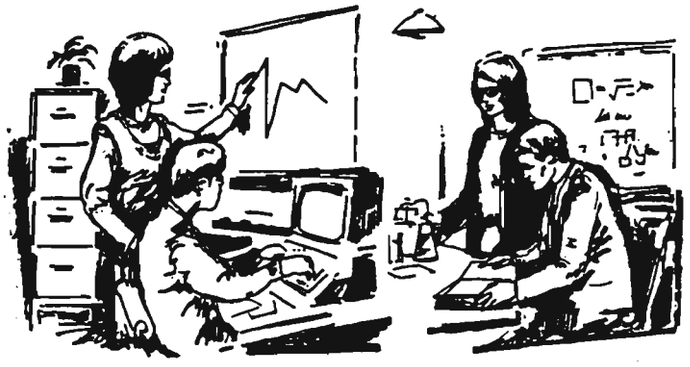
For queries as to suitability of topics ring the Foundation on: (02) 2514084. Entries should be sent to the above address.

Each year the winning entry will be considered for publication as a monograph.

# Job Vacancies

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

| | |
|---|---|
| ANU | Postdoctoral Fellow/Research Fellow/Senior Research Fellow (Geomorphology/Marine Geology), Research School of Pacific Studies, North Australia Research Unit |
| | Fellow in Surface Science, Research School of Physical Sciences, Department of Applied Mathematics |
| | Postdoctoral Fellow or Research Fellow, Department of Theoretical Physics |
| | Postdoctoral Fellow/Research Fellow/Senior Research Fellow, Research School of Social Sciences, Department of Demography |
| | Research Fellow/Senior Research Fellow, History of Ideas Unit |
| | Senior Research Fellows/Research Fellows, Postdoctoral Fellows, Centre for Resource and Environmental Studies (several positions) |
| | Senior Lecturer/Lecturer/Senior Tutor/Tutor in Accounting/Finance/Information Systems, Faculty of Economics and Commerce, Department of Commerce |
| | Lecturer in Genetics, Faculty of Science, Department of Botany |
| Canberra CAE | Head of School of Applied Science |
| | Head of School of Environmental Design |
| Macquarie | Lecturer in Economics (tenurable) |
| | Assistant Bursars (two positions), Systems Development and Accounting |



# Staff Roundup

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

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

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

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

(b) There may be occasions when human tissue including blood, saliva and urine, rather than animal tissue, is used in experimentation and research. In these cases the following guidelines are recommended: a) when patient blood samples are used, they should be screened as for Blood Bank blood. To meet the standards required for blood transfusion, this means patient blood should be tested for syphilis, hepatitis B and HIV prior to use in undergraduate classes. b) if student blood samples are used, individual students should preferably use their own blood. NB: students or staff who know they are AIDS antibody positive should also observe the precautions outlined below if blood is spilled. c) Use of blood in research laboratories: All blood should be handled as if it is infectious.

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

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

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

Sexual Health Clinic, Port Kembla District Hospital, 755826;

Albion Centre Hotline, 150-154 Albion Street, Surry Hills, 2010, (02) 3324000 (10 am – 10 pm)

STD Clinic, Sydney Hospital (02) 273634 (male clinic) (02) 274851 (female clinic).

## PRECAUTIONS WHEN HANDLING HUMAN BLOOD

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

K.E. Baumber
University Secretary

## WHERE IS IT?

Some members on campus are unsure of where the various branches and sections are located in the new Administration Building. A map of the building has been included in this issue (see the back page) to help you find what you're looking for. It might be handy to put this with your Administration Contact Persons published as an insert in ***Campus News*** a few weeks ago.

## THE CHANGING FACES OF FINANCE

Two new staff have recently joined the Financial Services Branch. Alison Hart is the Administrative Officer (Creditors) and Tom Hawker is Administrative Officer (Debtors).

Alison has a Bachelor of Commerce, previously working in the small business and taxation areas. Her interests include pottery and reading. At the University, Alison is responsible for the Creditors section of Financial Services, which involves the payment of all the suppliers to the University.

Tom has just completed the Institute of Chartered Secretaries Executive Development Year and has worked with various financial institutions for fifteen years, the last two of which were as Group Accountant for a local firm. Married with three children, Tom lists his other interests as politics and local government. Being responsible for the Debtors Section in Financial Services, Tom is concerned with the collection of monies outstanding to the University.

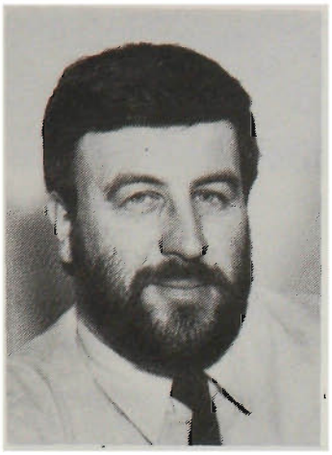
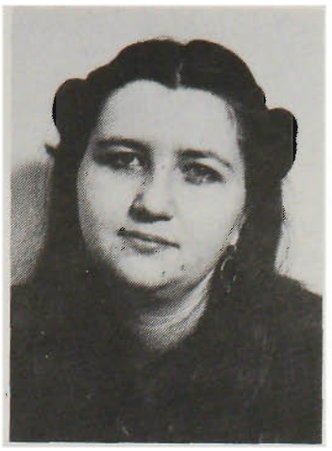
Both Alison and Tom can be contacted on extension 3485.

## THE NEAR MISS

Sometimes one hears an individual say 'that was lucky, they just missed bing crushed/hit/cut/hurt' ... Well it may have been luck that time, but, what about the next time such an incident occurs? Will they be as lucky? Luck should not have anything to do with a safe working environment. That is why it is important for staff to look out for the 'near miss' incident. A near miss tells us that some action needs to be taken to prevent another 'not so near miss'.

The University's Safety Officer is advised of accidents when they do occur (infrequently gladly!) however, as the old saying goes PREVENTION IS BETTER THAN CURE, situations or incidents should be reported to supervisors and Heads of departments/sections, members of the Occupational Health and Safety Committee (see below) and/or the Safety Officer. This will mean that appropriate action can be taken to prevent another incident and perhaps save a life or limb.

The Safety Officer, Reg Whitton, can be contacted on ext. 3914.

***Two new staff join the Financial Services team — Alison Hart (Administrative Officer - Creditors) on the right and Tom Hawker (Administrative Officer - Debtors) on the left***

**Occupational Health and Safety Committee Membership Register:**

Mr D. Barker, ext 3057, Civil and Mining Engineering, Building 1.114. Appointed by FAUSA.

Mr R. Broadby, ext 3994, Maintenance and Services, Building 5.G14. Appointed by Maintenance staff.

Mr A. Depers, ext 3423, Geology, Building 35.G03. Appointed by PSA.

Mr R. Galvin, ext 3081, Cleaners, Building 36. Appointed by FMWU.

Mr B. Jones, ext 3500, Physics, Building 18.G16. Appointed by PSA.

Ms H. Kamenos, ext 3929, Personnel Services, Building 36. Appointed by University.

Mr R. Kinnell, ext 3080, Maintenance and Services, Building 36. Appointed by University.

Dr R. Lilley, ext 3431, Biology, Building 35/106A. Appointed by University.

Mr T. Prior, ext 3594, Landscape, Building 32. Appointed by PSA.

Ms W. Raikes, ext 3946, Personnel Services, Building 36. Appointed by University.

Ms R. Westbrook, ext 3876, Education, Building 23. G09. Appointed by Lecturers Association.

Ms M. Wood, ext 3038, Civil and Mining Engineering, Building 3.132. Appointment by University.

Ex-officio member (Safety Officer) Mr R. Whitton, ext 3914, Personnel Services, Building 26.

## ERRATUM – TRAVELLING AND MEAL ALLOWANCES

In ***Campus News*** issue for August 25, the evening meal allowance was incorrectly reported. The correct allowance is $11.65. Also, the transport allowance should read: over 1600cc engine capacity – 21.9 cents per km (**not** over 2600cc). Full correct rates are:

Breakfast meal allowance – $6.40
Lunch meal allowance – $7.90
Evening meal allowance – $11.65

Transport allowances: over 1600cc engine capacity – 21.9 cents per km. 1600cc engine capacity – 18.4 cents per km.

## CURRENT VACANCIES

* Consultant Programmer (Library Systems), Michael Birt Library, closing date September 11.
* Research Assistants (2 positions), Health Sciences, closing date September 11.
* Research Assistant, Computing Science, closing date September 11.

+ Chair in Accountancy, closing date October 1.
+ Chair in Legal Studies, closing date October 1.
+ Chair in Manufacturing Engineering, closing date October 1.

Further details: For those vacancies marked *, Gary Graham, ext 3935. For those marked +, Ross Walker, ext 3934.

## STAFF CHANGES

NEW STARTERS

Mr D.P. Fitzsimons, Technical Officer, Apple Consortium.

Miss I. Andrzejewski, Technical Officer, Neurological Science Unit.

Mrs S. Jennings, Graduate Assistant, Student Administration.

Mr P.F. McGuire, Graduate Assistant, Academic Services.

TRANSFERS/PROMOTIONS

Mrs P.L.N. Kendall, Secretary, Computing Science.

Mr G.L. Rando, Senior Lecturer (tenured), Languages.

Mr D. Platt, Lecturer (tenurable), Electrical and Computer Engineering.

Dr P.M. Carter, Lecturer (tenurable), Electrical and Computer Engineering.

DEPARTURES

Dr A.H. Jakubowicz, Reader, Sociology.

Mr V.M. Nethery, Lecturer, Education.

# eeo news....

## WEL BRANCH TO BE OPENED IN THE ILLAWARRA

On Thursday evening, August 27, an organisational meeting was held at The University of Wollongong for the purpose of forming an Illawarra branch of the Women's Electoral Lobby. An interim committee was formed with 17 women either nominated or offering their names for committee work, in preparation for an inaugural general meeting, to be held in November.

WEL is a national organisation with branches scattered throughout Australia. In NSW there are approximately 40 regional branches. As the name suggests, WEL's primary aims is to lobby. The central targets of WEL's lobbying activities are politicians, but there are many other varied targets for example, the ACTU and other unions, the media, special-interest groups, and other appropriate bodies or individuals.

WEL collects and disseminates information on all matters that affect women, distributes a monthly newsletter to all members, hold seminars, and provides delegates to conferences and summits. WEL is concerned with and actively involved in having educated decisions made on issues such as accommodation, child care, education, affirmative action, health, religion, abortion, and sexual assault, to name just a few.

The newly formed Illawarra group has taken on the formidable task of polling all the Wollongong, Kiama, and Shellharbour candidates in the forthcoming local-government elections regarding each individual's stance on women's issues. An abstract of responses will be made available to the media and local electors before the election. Watch for further developments from this group – they should be interesting!

Peg MacLeod
EEO Co-Ordinator

# 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.***

## GRANTS IN NEW MATERIALS TECHNOLOGY

The Industry Research and Development Board invites applications under its Generic Technologies Program.

Target areas are: Metal surfaces and their treatment; Radically improved metal extraction processes; Optoelectronic devices; Rare earths; Polymers for hostile environments; Bio-materials and devices; Zirconia toughened structural ceramics; Improved ceramics through unorthodox processing; Automation and control; High temperature superconductivity.

Applications close with the University on September 21.

## INFORMATION AND TECHNOLOGY GRANTS

As part of its program in information technology, CSIRO provides grants to support collaborative research and development with industry and tertiary institutions. The areas of expert systems and image analysis will receive special emphasis in 1988.

Applications close with the University on September 21.

## PIG RESEARCH COUNCIL 1988/89 GRANTS

The Pig Research Council invites applications to conduct research related to the pig industry in the 1988/89 financial year.

Applications for the support of new and continuing research applications and for travel/conference support will be considered.

Applications close with the University on October 19.

## AUSTRALIAN SPECIAL RURAL RESEARCH FUND 1987/88 RESEARCH GRANTS

The Australian Special Rural Research Council invites applications for assistance from the Special Rural Research Fund.

The purpose of the fund is to provide financial assistance for the conduct of scientific, technical and economic research and development relating to the rural sector. Funds may be available for projects in the national interest or in relation to new industries or industries not provided for by specific Commonwealth/Industry research funding arrangements. These currently exist for barley, chicken meat, cotton, dairying, dried fruit, honey, fish, grain legumes, oilseeds, meat and livestock, pig, poultry, tobacco, wheat, wine grapes and wine and wool.

Preference will be given to applied projects which deal with discrete areas of production, processing, storage, transport and market research with national applicability. The Council is seeking to increase its funding of market oriented research and development.

Applications close with the University on November 30.

## FIELD SCIENCES RESEARCH FACILITY

The Edith and Joy London Foundation has called for applications to utilise the field station located 46 kms north of Batemans Bay. The 348 hectare property provides a protected and managed environment and simple accommodation and laboratory facilities.

Bookings for the January-June 1988 period close November 30, and for July-December 1988 on 31 March 1988.

## EDUCATION FELLOWSHIPS

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

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

Applications close with the University on December 14.

# Scholarships and Prizes

## BIOMEDICAL POSTGRADUATE SCHOLARSHIPS

The National Health and Medical Research Council has invited applications for Biomedical Postgraduate Scholarships. The purpose of the scholarships is to encourage science graduates of outstanding ability to gain fulltime medical research experience while undertaking a higher degree.

Applications close with the University on September 21.

## INTERNATIONAL FELLOWSHIP PROGRAM

Applications are now invited for ONE only award for an Australian citizen to undertake a Master of Arts degree or undertake nine months non-degree studies in the United States starting in September 1988.

Application forms may be obtained from: Australian-American Education Foundation, PO Box 1559, Canberra ACT 2601. Telephone (062) 479331.

Completed applications must be submitted before October 15.

## PREVIOUSLY REPORTED IN CAMPUS NEWS

| Name | Internal Closing Date |
|---|---|
| Asthma Foundation of Victoria — Travel Grants | September 16 |
| Japanese Fellowship — Matsumae Foundation | September 16 |
| Caltex Woman Graduate Business Awards | September 16 |
| University Research Grants | September 18 |
| A.W. Howard Memorial Trust — Conference Travel Support | September 19 |
| Research into Cot Deaths | September 21 |
| Grants for National Drug Education and Prevention Projects | September 21 |
| Australian Academy of Humanities — Travel Grants | September 30 |
| History of Culture in Australia Prize and Award | September 30 |
| Cambridge Benians Fellowship | October 1 |
| Pig Research Council Study and Training Awards | October 16 |
| Nursing Research Grants | October 19 |
| James N Kirby Foundation | October 19 |
| World Bank Fellowship | October 19 |
| AVCC Visiting Fellowships for Australians | October 19 |
| Forrestry Research Grants | October 19 |
| AINSE Research Grants | October 23 |
| Edinburgh Institute — Humanities Visiting Research Fellowships | November 16 |
| Wellcome Australia - Medal and Award | November 30 |
| Clive and Vera Ramaciotti - Travel Grants | Any time |
| Earthwatch | Any time |
| Criminology Research | Any time |

# Concerts, Exhibitions and Entertainment

## ABORIGINAL ART 1987

The Long Gallery, Building 25, School of Creative Arts, The University of Wollongong.

Aboriginal Art 1987 is presented by the School of Creative Arts in conjunction with Aboriginal Arts Australia.

The exhibition continues to September 20, Monday to Friday 10 am to 4 pm, Sunday 1 to 4 pm.

Official opening was on Monday September 7 to coincide with the start of National Aboriginal Day Observance Committee Week. Performing the opening ceremony was Mr Vic Chapman, Principal, Thirroul Primary School.

All works in this exhibition are for sale. Sale inquiries to Sheila Hall on (042) 270996. The painting shown here is by Long Jack Phillipus Tjakamarra of the Warlpri/Luritja Tribe.

The artist has depicted part of the Tingari myth cycle associated with the site of Kanaputa, north of Kintore. Here a large group of Tingari women held a very important ceremony.

The roundels indicate all the countryside near Kanaputa and the U-shapes respresent the women sitting down. The designs in the painting are used as body paint designs for both men and women.

## SIX OF ONE

The School of Creative Arts is to present six short plays directed by second-year BCA students opening in mid-September. All productions will be held in the Music Auditorium at the School of Creative Arts, The University of Wollongong, starting at 8 pm.

Admission $4, $2 concession.
Subscription $16, $8 concession.
Inquiries: Sheila Hall, telephone 270996.
Tickets at door.

THE DEATH OF MINNIE by Barry Dickins
Therese McLennan (Director)
September 11 and 12 at 8 pm

MRS THALLY F by John Romeril
Carolyn Hilliard (Director)
September 11 and 12 at 8 pm

A SENSELESS ACT by Christofer McTrustry
Phill Jenkins (Director)
September 13 and 18 at 8 pm

HOW HE LIED TO HER HUSBAND by George Bernard Shaw
Christopher McTrustry (Director)
September 13 and 18 at 8 pm

(Details of later plays next week).

# Seminars

## DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING RESEARCH SEMINARS

Venue for all seminars: Room 35.G45 at 4.30–5.30 pm.
Date: September 14
Speaker: Mr A. Mourad
Topic: Interfacing AD and DA converters to the 68000 microprocessor
Date: September 21
Speaker: Mr C.S.Yu
Topic: Expert system in process control

J.F. Chicharo
Convenor, Ext 3397

## WRITER'S CLUB ACTIVITIES

Tuesday September 8, 7.30 pm – Writing Room, Gleniffer Brae – Poetry and Prose Reading

Monday September 14 – Writing Camp. Venue and arrangements to be advised

## DEPARTMENT OF BIOLOGY SEMINARS SESSION II

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

Tuesday September 8, 4 pm – Professor H.M. Garnett and Mr Daniel Bock, Department of Biology, The University of Wollongong – Greening disease of citrus plants.

Tuesday September 15, 4 pm – Dr H.J. Spencer, Department of Biology, The University of Wollongong – Radio tracking fruit bats.

## DEPARTMENT OF CHEMISTRY SEMINAR; PROGRAM SESSION II

All seminars are to be held on Friday in Room 18.111 (Physics) at 2.30 pm

September 11 – Dr Les Field, University of Sydney – Organometallic Chemistry

Dr S.G. Pyne
Coordinator

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

All seminars to be held in Room 19.2035 at 11.30 am.
Date: September 11
Speaker: Mr Brian Andrew (Wollongong)
Topic: Some Time Series Properties of Earnings, Funds and Cash from Operations.

Ferdinand A. Gul
Seminar Co-ordinator

## 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 September 16 – Dr G. Both, CSIRO Division of Molecular Biology, North Ryde
– Molecular Biology of Rota viruses.

Convener: Dr E.J. Steele
(042) 270434

## DEPARTMENT OF HISTORY AND POLITICS POSTGRADUATE SEMINARS SECOND SESSION

All seminars in room 19.2004 at 5 pm

September 16 – Barry Bridges – Problems in Writing Historical Biography

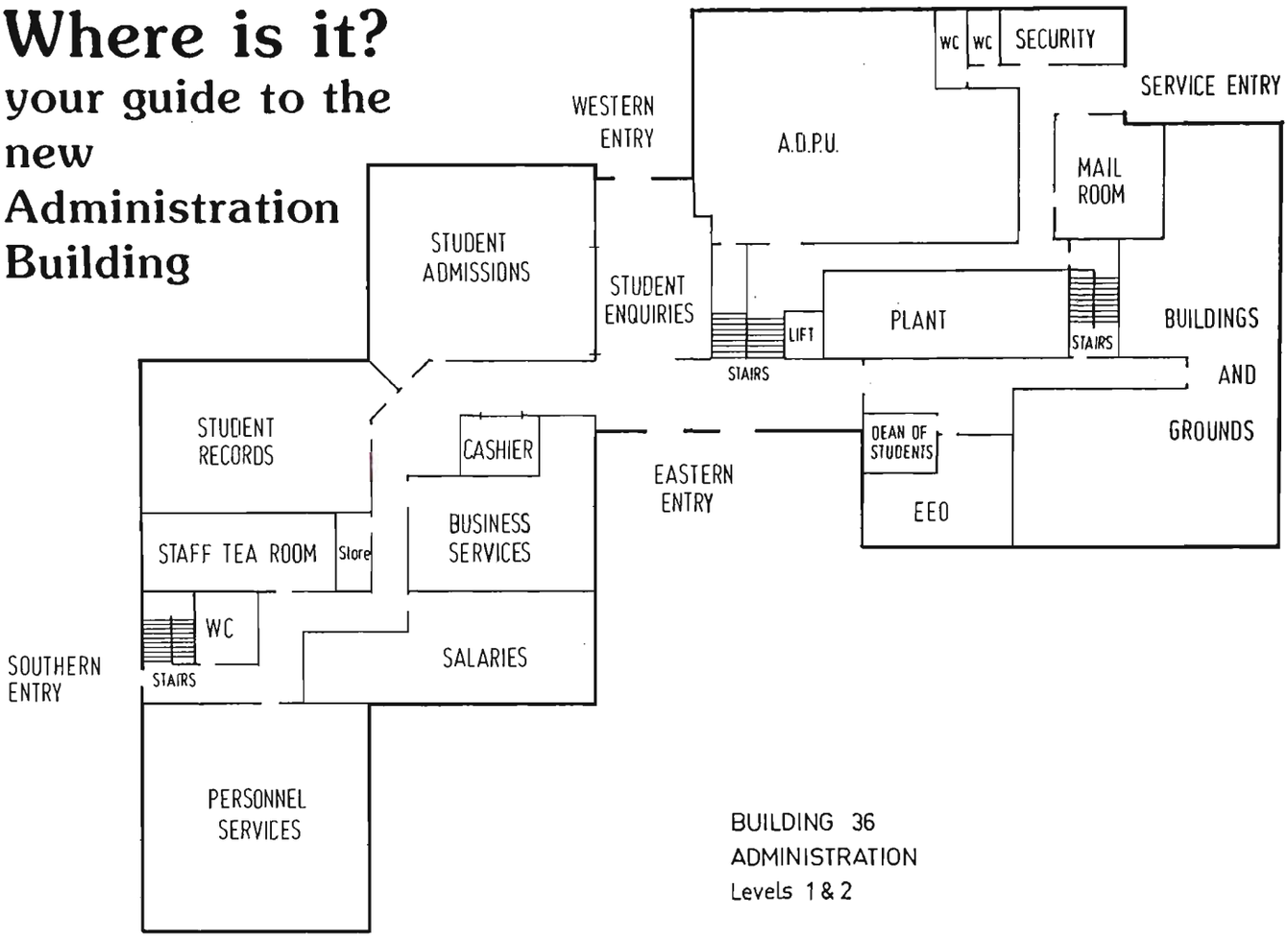
## DEPARTMENT OF PHYSICS – SCHEDULE OF COLLOQUIA

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

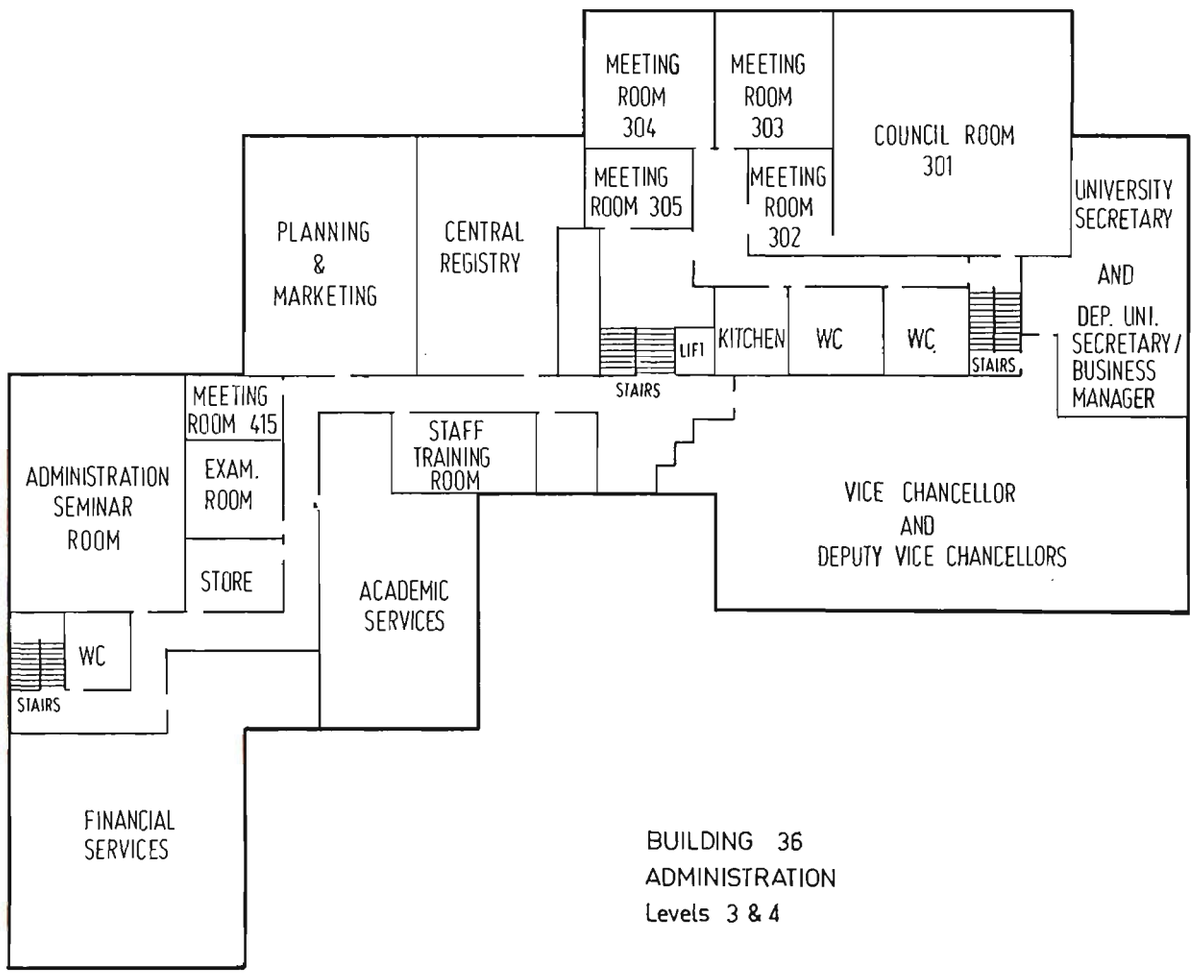
Thursday September 10, 12.30 pm – Prof Dick Collins, School of Physics, University of Sydney, Gas Absorption in Evacuated Solar Collectors; a method of reducing high stagnation temperatures

# Where is it?

## your guide to the new Administration Building




BUILDING 36
ADMINISTRATION
Levels 1 & 2




BUILDING 36
ADMINISTRATION
Levels 3 & 4