



THE UNIVERSITY OF WOLLONGONG

# CAMPUS NEWS

A WEEKLY INFORMATION SHEET

29 OCTOBER, 1982

Deadline for copy 12 noon Monday.

Distributed each Friday.

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## University Women To Aid Campus

The Illawarra Branch of the Australian Federation of University Women have joined the Friends of the University, and have decided to make their project the organization of a mammoth book fair in August 1983. Funds raised from the fair will be used to support University projects.

The University of New South Wales runs a highly successful book fair once every two years, and the University Women of Illawarra may well decide to repeat the '83 fair if it is successful.

The Vice-Chancellor, Dr. Ken McKinnon, has said that the Illawarra Branch of the Australian Federation of University Women is to be congratulated on its initiative. The spirit of enthusiasm and self help is a quality that is needed on the campus, and its presence in the University Women is most encouraging, he said.

Books are eagerly sought now and any donations should be taken to the Hut. Further information is available from the Convenor, Robin Hutton, on 289558.

News about further developments will occur from time to time in the Friends column in "Campus News".

## Campus Invasion

Last week between 25,000 and 30,000 people invaded the campus for Radio 2WL's first Expo.

2WL is a member of the Friends of the University, and one of the aims of the Friends is to break down some of the publically perceived isolation of the Wollongong campus and make its openness and availability felt positively in the community. The University of Wollongong is a campus without fences.

The Chairman of the Membership Committee, Alderman Frank Arkell, expressed his appreciation of 2WL's fine contribution to the Friends programme and stated that he would be recommending to the next meeting of the Membership Committee that 2WL be granted fully paid up status in the Friends organization.

The Secretary Manager of the Union, Mr Geoff Williams, said that from the Union point of view the Expo had been a tremendous success. However, he said that members of the public had commented that, with the exception of the Library, the University Departments had not been open for visits. He found this disappointing in view of the amount of notice that was given of the Expo, and the official University view that "Open Day" is a desirable concept. Mr Williams suggested that if trade fairs are held again on the campus the University should capitalise on the investment made by the community and open its doors to the public in a positive way.

## 'Gong Graduates Get Jobs

A survey conducted by the Graduate Careers Council of Australia indicates that University of Wollongong graduates are moving directly into full-time employment rather than continuing with further study. The proportion of Faculties Sector graduates moving directly into full-time employment in 1982 increased by 5% over the 1981 figure.

The survey confirms that University graduates have more favourable prospects of gaining full-time employment than people who do not complete tertiary study.

The survey was conducted in April 1982 and it is expected that, as in past years, the number of graduates finding full-time employment will have increased as the year has gone by, thus further reducing the number of those employed.

6.1% of Faculties Sector students and 10.6% of Institute Sector students were without any form of work and were seeking full-time employment at the time the survey was taken. These unemployment rates are considerably less than the figures for youth employment in the Illawarra Region which have been unofficially estimated to be in the order of 20%.

The Graduate Careers Council Survey figures also indicated that there has been only a minor increase in unemployment in graduates since 1981. For the Faculties Sector there has been an increase of 1% and for the Institute Sector an increase of 3½% in the number of graduates who are unemployed or who are employed casually or part-time.



## Distinguished Visitors

### DISTINGUISHED VISITING PROFESSOR

The Chemistry Department has been fortunate in securing a visit by Professor Klaus Ruedenberg during the last week of session.

Professor Ruedenberg is the author of over 120 refereed articles and papers and has received numerous awards and distinctions.

His career began with an MSc (Chemistry) and PhD (Theoretical Physics) at Zurich (1951) and he started teaching at Iowa State University, Ames, Iowa, in 1955, where he is currently a Distinguished Professor of Physics and Chemistry.

He is visiting several research centres while in Australia under the Senior Fulbright Award Program.

Professor Ruedenberg is noted for his seminal work on the nature of the Chemical Bond, and he will deliver a seminar on this subject in the Chemistry Department at 12.30 p.m. on the 2nd November (room 18.206). All are welcome to attend to hear his views on this fundamental part of natural philosophy.

On Monday 1st November Professor Ruedenberg will conduct a colloquium to a senior undergraduate/graduate student group (room 18.242, 5.30 p.m.) on his recent work on the Fully Optimized Reaction Space Model for Chemical Reactions.

Anyone wishing to meet Professor Ruedenberg during his stay at the University is asked to contact Dr. Peter Burton (ext. 437).

### VISITING CATHOLIC SCHOLAR FRIDAY, 29 OCTOBER, 1982.

The University Catholic Society and a group of people within the Friends have organised a visit by Mr Karl Schmude of the University of New England.

Mr Schmude's itinerary is set out below:

- 10.30 a.m. Visits to interested Departments in the University
- 12.30 p.m. Address to Staff, Students and Friends - "Religion - A Proper Study for a University"  
Venue: Pentagon Lecture Theatre 4, The University of Wollongong
- 7.30 p.m. for  
8.00 p.m. Address to the Catholic Business Men's Dinner Club, the University Catholic Society, and the Friends of the University  
"Holocausts in the 20th Century - A Christian Response"  
Venue: Renown Court, 43 Kenny Street, Wollongong  
Cost: \$12.50 per person.

Anyone interested in being included in the above arrangements please contact Giles Pickford on 282428.

## Seminars

### DEPARTMENT OF SOCIOLOGY

On 29 October at 12.45 p.m. in Room 19-2103, Maria Markus of the Department of Sociology at the University of NSW will speak on "Legitimation Crisis and the Polish Workers Movement".

### DEPARTMENT OF BIOLOGY

Professor Brian McCusker of the School of Physics at the University of Sydney will speak on "Quarks" at 8 p.m. on Thursday 29 October 1982 in the Physics Lecture Theatre.

## General Notices

### CHILDRENS' CHRISTMAS TREE

The University Childrens' Christmas Tree Party will be held on Saturday afternoon, 20 November at 1.00 p.m. and we would like once again to raffle a Christmas hamper to raise funds for the party. We would appreciate any donations towards the hamper. Goods to be left with Lionel Ransley at the Printery or Flora Hutchison, Central Registry Administration Building as soon as possible. Tickets will be 20 cents each or 6 for \$1.

### ASSISTANT WARDENS - INTERNATIONAL HOUSE - 1983

The Board of Management of International House invites applications from persons interested in the six positions of Assistant Warden at the House for 1983.

The objectives of the Board are to set an atmosphere conducive to the successful pursuit of academic studies in comfortable surroundings and to encourage a diverse group of people to respect each others differing cultures and ideas.

The Assistant Wardens play an important role in achieving these standards. They contribute to the academic welfare of the students through tutorials, informal contact and example. They exercise disciplinary restraint where necessary and are responsible for the House after office hours. This latter duty involves seven rosters in a six week period - five weekday evenings and one Saturday and one Sunday.

Applicants should have a commitment to collegiate style accommodation and must be able to relate well to students of all ages and interests. Assistant Wardens are entitled to a post-graduate room with telephone and all meals when the dining room is open (12 meals per week).

Applications will be accepted from University of Wollongong academics, post-graduate students and graduate general staff. Consideration may also be given to Honours year students, final year engineering students, Diploma of Education students and Wollongong post-graduates.

Applications should be lodged with the Warden before 12 November, 1982. Previous applicants and 1982 Assistant Wardens may lodge their names only.

Further information is available from the Warden on 282.908 or 299711 during office hours.



## ACADEMIC TENURE

Set out below is a summary of the principal recommendations of the Senate Standing Committee on Education and the Arts:

- Advantages of tenure are substantial, but should be granted only after exacting and sound appointment and probation procedures have been met.
- All appointments should be subject to probationary period of minimum of 3 years but preferably 5 years.
- Granting of tenure to be subject to annual consultations on performance, reports of such consultations to be forwarded to Vice-Chancellor.
- Need for precise regulations for termination of appointments for serious misconduct, incapacity to perform, inefficiency, incompetent or inadequate performance, financial exigency.
- In addition to annual consultations, academics should participate in more comprehensive periodical reviews not more than 7 years apart.
- Proportion of tenured staff of lecturer and above not to exceed 90 per cent of total equivalent full-time academic staff.
- Tenure not available for tutors unless in best interests of University; tenure may be appropriate for not more than one third senior/principal tutors.
- Participation in suitable induction programme on initial appointment as lecturer to be condition of appointment.

## AUSTRALIAN INSTITUTE OF MANAGEMENT

The following courses will be conducted in Sydney in November 1982.

- Improving personal skills of the new or prospective manager.
- Contracts as a negotiating tool.
- Fundamental selling techniques.
- Effective marketing and selling of services.
- Production planning and control.
- Train the trainer.
- The winning edge in leadership.

Enquiries to Thelma Smythe on 282.419.

## INFORMATION SCIENCES AT A.N.U.

The Information Sciences Laboratory in the ANU's Department of Engineering Physics is conducting research into fundamental and applied aspects of man/machine interaction. Three principal areas of study are:

1. Computer-Aided Teaching. The Laboratory has developed new teaching strategies, made possible by the computer's unique characteristics, which are very effective with learning-disabled students in the basic skills of handwriting, reading and concept formation. Current emphasis is on enhancing the power and range of these new strategies, and on making them available to a wider spectrum of students in need.

2. Interactive Image Analysis. Hardware and software developed in the Laboratory facilitate interactive processing and analysis of digital image data. These tools have been applied to a variety of satellite remotely sensed data used in a wide range of applications. The ever increasing complexity of these multispectral data requires increased sophistication of data analysis techniques to maximise their value. Problems currently under consideration include correction for atmosphere radiance and the derivation of general models for the estimation of particular parameters, eg. oceanic chlorophyll.

3. Simulation of Biological Visual Systems. Our aims here are to improve understanding of the processing of visual information in the retina and visual cortex of vertebrates (particularly humans), to use the knowledge so gained to improve the efficiency of machine storage of pictures (particularly moving images) by storing only visually significant information, and to facilitate man/machine communication with respect to pictorial data. Current work on response of receptor mosaics to fine image structure is leading to an explanation of certain hyper-acuity phenomena in information processing terms.

Laboratory facilities include a VAX-11/750 computer with a wide range of interactive peripherals (including a colour image display and graphics terminals), and PDP-11 systems in computer-aided learning units at The Woden School (which caters for mildly intellectually handicapped students) and the City Educational Clinic (which caters for learning-disabled students of average and above average intelligence). An Apple II micro-computer is also available for computer-aided learning experiments.

The Laboratory is seeking strongly motivated honours graduates of high calibre who will contribute to one of the above areas in undertaking research at the ANU leading to award of the PhD degree. A suitable project would probably take between three and four years to complete. PhD scholarships at the ANU do not require teaching duties and provide a scholar with unusually good opportunities to make a substantial contribution to his or her chosen field of study. The scholarship stipend for suitably qualified applicants is \$6850 p.a. plus allowances for dependents. Further information is available from Dr Iain Macleod, Department of Engineering Physics, Australian National University, P.O. Box 4, Canberra, ACT, 2600 (telephone: (062) 49.2467).

## CENTRE FOR THE ARTS ROAD SHOW

The Centre for the Arts at the Institute of Advanced Education has organised a dynamic display of lecturers' and students' spinning, weaving, painting and working a pottery wheel. Included also are displays of theatrical costumes, photography and general information about the University.

Initially this "Road Show" is visiting shopping centres in Illawarra and Campbelltown. Judging from the response at Campbelltown and Corrimal, the display attracts considerable attention and interest from the public. Mr Rod Hollands, co-ordinator for the Centre of the Arts, would be interested to receive any suggestions as to where else this display could be located. It may be possible to set up the exhibition at local fetes or fund raising activities. Any one interested could ring Mr Hollands on 202222. He is also available for media interviews at the Institute, or during the display at Crown Central on Saturday, 30 October.

At Crown Central it is hoped to include musical items presented by staff and students.



# AVCC News

## INTERNATIONAL NEWS

In order to commemorate its 70th anniversary, the Aichi Gakusen College in Aichi, Japan, would like to establish links with Australian universities for the purpose of promoting a better understanding in the cultural field. The Aichi Gakusen College is prepared to offer scholarships (and accommodation) to a certain number of Australian students in return for a similar arrangement for Japanese students in an Australian university.

If your university is interested in such a scheme, would you please write direct to the President, Aichi Gakusen College, 28 Kamikawanari, Hegoshi-cho, Okazaki-shi, Aichi, Japan.

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A World Conference on Engineering and Engineering Technology Education will be held in Cologne, Federal Republic of Germany, from 16-20 April 1984. The aim of the Conference is to make a world-wide presentation of the different educational programmes available in institutions throughout the world, and to present specific examples of the types of activities and courses at these institutions.

Further details may be obtained from the Secretary, AVCC.

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The International University of Japan has been established recently in response to the demand for new perspectives and interdisciplinary approaches to research and education. The Graduate School of International Relations for example, "... not only promotes research, but also seeks to train men and women who can assess the international environment and develop a global perspective that can contribute to the understanding and possible solution of world problems."

The University would like to encourage the participation of distinguished scholars (and possibly students).

Further information about the Graduate School of International Relations only, may be obtained from the Secretary, AVCC.

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## SALZBURG SEMINAR

Each year interested Australian men and women with significant experience in the subject of a particular seminar are invited to participate in the programmes of the Salzburg Seminar in American Studies.

The purpose of the Salzburg Seminar is "... the study, at the highest level, of contemporary issues of world-wide scope as well as of significant aspects of American society. It provides a unique forum for the frank exchange of ideas and informed opinion."

In 1983 the Seminar offers nine sessions, lasting one, two, or three weeks, each on a different subject and each with a different faculty and group of Fellows. All sessions are held at Schloss Leopoldskron, Salzburg, Austria.

The programme for 1983 is as follows:

1. Session 218: Interest Rates, Capital Formation, Growth and Employment.
2. Session 219: European-American Relations.
3. Session 220: The Energy Factor in Foreign Policy Decisions.
4. Session 221: Governance of the Corporation.
5. Session 222: Cinema.
6. Session 223: Health, Productivity and Aging.
7. Session 224: American Law and Legal Institutions.
8. Session 225: The Management of Conflict in International Relations.
9. Session 226: Agriculture.

Further information about the Salzburg Seminar can be obtained from the AVCC, or from Sir John Bunting KBE, 8 Arnhem Place, Red Hill, ACT, 2603.

## Staff Changes and Movements

Professor Ross Duncan retired from the University's service on 6 October. The Department of History and some old friends farewelled him at a luncheon in the Union a few days later.

Ross Duncan graduated Master of Arts from Adelaide University in 1952. He was in turn lecturer and senior lecturer at the University of New England, Senior Lecturer and Associate Professor at Monash, and Professor at Wollongong University College, where he was appointed in 1966.

Professor Duncan was the first Professor appointed at Wollongong in the Humanities and Social Sciences. He quickly won a reputation as an excellent, if somewhat formidable teacher, and a man of powerful and independent mind. At a time when staff morale was low, he rarely hesitated to do and say what he thought was right, even though it offended men in greater authority, and some members of staff have reason to remember his intervention on their behalf.

They will remember him also for the ways in which he helped turn the University College into a University. His most conspicuous contribution was his insistent campaigning for a library of university standard, and the establishment of archives essential to much post-graduate work in the humanities and social sciences. But his influence really went further than that. Perhaps more than any one else, he helped his colleagues to develop the standards and methods appropriate to an autonomous tertiary institution.

His work lives on in the University, in the minds of his students, and in the memory of his colleagues. May he continue to enjoy their association in his retirement.

## Letters

### CAVEAT ARGUMENTUR

The article, 'Why so few women academics?' seems very compelling, as the book to which the article refers promises to be. No doubt there are equally compelling social reasons why there are so few, and the reasons are likely to be more restricting than the reasons why there are so few male mother surrogates. But on the question of availability of promotions among those women who do choose to become academics, which is also addressed in the article, there are innuendoes which are, to say the least, disturbing, since they hint at reflecting the present spate of minority-group pressure tactics which are too often based on political pragmatics rather than rational argument.

Indeed, one hopes that your article does not imply that there have been improper appointment and promotion procedures, at least in this university, since not only would this be a very serious charge, but also it would be a very difficult charge to sustain. On the several academic-staff selection committees of which I have been a member, both here and overseas, I have never witnessed an appointment made on any basis other than adjudged academic merit; and I have heard only one opinion (a minority one) otherwise, which argued for the appointment of a local candidate.

One often-used criterion of attained academic merit (though not the only one) is possession of the doctorate. The following table shows the distribution of doctorates by sex according to the 1982 University of Wollongong Handbook:

Doctorates Among University Academic Staff By Sex

	With Doctorate		Without Doctorate		Total	
	N	%	N	%	N	%staff
Women	9	38	15	63	4	12
Men	120	70	12	30	173	88
Total	129	66	67	34	198	100

It is clear that nearly twice the proportion of male faculty staff have doctorates as female, and that the ladies can be said to be one antecedent to the fact that only about two thirds of the total staff have doctorates (though this is still much more than the average CAE proportion). Yet ladies are, in fact, over-represented in terms of their numbers among departmental chairmen in U.W.

We are, of course, bound to acknowledge such of the thesis as is rationally based; but if critical scholarship still survives at all in our much-metamorphosed universities (as Heaven forbid it should not), then let us be doubly aware of the arguments of primarily emotional, if not intentionally false, prophets.

P.R. de Lacey

## Concerts, Exhibitions and Entertainment



### THE GLASS MENAGERIE by Tennessee Williams

Tickets \$8.40 and \$4.20 (full-time students). Phone ext. 923, or call over to Theatre South to see Carmel or Liz at Room 1109, Social Sciences Building. Closes November 6.

## Scholarships and Prizes

Details on all the scholarships and prizes below are displayed on the Campus News Notice Board situated at the southern end of the Hut.

National Research Council of Canada Research Associateships (Science and Engineering)

Institute of Education Fellowships International Education, USA

Uni. of Queensland Postgraduate Awards (any field)

C'wealth Dept. of Education Royal Norwegian Council Postdoctoral Fellowships (Science and Technology)

## Job Vacancies

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

ANU Research posts in Molecular Biology  
Molecular Genetics and Virology  
Temporary Lecturer in Philosophy  
Temporary Lecturer in Computing Science

New England Junior Research Fellow in genetic evaluation and agronomy

Flinders Visiting Lecturer in Genetics

Melbourne Chair of Medicine



# Advertisements

## BLACKSMITH SUBSCRIPTIONS NEEDED

The next edition of "Blacksmith" will tackle the theme "Illawarra - The Cinderella Region?"

Have you got your subscription in for this controversial issue?

Enquiries to Ron Pretty on 282243.

## TO LET

Keiraville: Fully furnished house with panoramic views, 2 km. from the University, 5 bedrooms one with ensuite, formal dining room, rumpus room, garage, from early December to mid-June. Rent \$120 per week. Phone ext. 871 or 289871.

## WANTED

Old cameras and accessories, stereo viewers and cards, old images by a collector of phographica. Please contact Peter Pavlik, Dept. of Chemistry or private on 284925.

## FOR SALE: \$165,000

Large Home, 42 squares, 2 storey. Brick veneer top floor, double brick bottom floor. 6 bedrooms, 3 bathrooms, 2 rumpus rooms. Large rooms. Double garage and double carport on another entrance. Keiraville proper, away from Mt Ousley Road and Motorway. Extensive gardens and trees. City, sea and mountain views which cannot be built out. Private aspect. 7 years old. Ring Tony Bell on 20-2270 or 29-9859 a.h. Brochure available.

## TO LET

Austinmer: fully furnished house; three bedrooms, rumpus room, garage. Three minutes from railway station. Available from mid-January to early July. Phone ext. 834 or 67.2337.

## TO LET

North Wollongong: 3 bedroom modern unit with lock-up garage. Lovely ocean and mountain views, easy walking distance from beach and town, only 5 minute drive from Uni.

Available from mid-November. \$89/week.

Phone Lynn Maxwell ext. 981 or private on 28.6173.