



THE UNIVERSITY OF WOLLONGONG

# CAMPUS NEWS

## A WEEKLY INFORMATION SHEET

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Over the past few years the Biology Department has established a close association with two Scandinavian University departments, namely the Department of Marine Microbiology at the University of Gothenburg in Sweden and the Department of Biochemistry at the Norwegian Institute of Technology in Trondheim.

At Gothenburg, Professor Birgitta Norkrans and a well-established group of colleagues are studying salt tolerance in yeast, a programme closely related to one in the Wollongong Biology Department concerned with microbial water-stress physiology. At Trondheim, Professor Helge Larsen is one of the pioneers in the study of halophilic ("salt loving") bacteria.

Professor Brown of the Wollongong Biology Department spent a short while at both institutes in 1979, following an invitation from Gothenburg to serve as Faculty Opponent in a doctoral examination. Professor Larsen spent January-June, 1982 on sabbatical leave in Wollongong. He was greatly attracted by Wollongong's physical environment, especially the sea, by the University and by the Biology Department. He rated his sabbatical here as "the best ever". He now has a framed copy of McArthur's Corrective Map of the World in the Departmental tea room and an Australian flag in his house.

While in Wollongong he obtained a series of mutants of the marine alga, *Dunaliella tertiolecta*, whose salinity tolerance is a matter of widespread scientific interest. Some of these mutants are less salt-tolerant than the parent strain and one, in particular, offers considerable potential for the Biology Department's programme on

salinity tolerance and osmoregulation in *Dunaliella*. Professor Brown took that mutant strain with him to Trondheim where he spent January-July this year on study leave. The collaboration that was started in Wollongong was continued in Trondheim where the growth characteristics and salt relations of the mutant were precisely defined.

Professor Brown was greatly attracted by the physical environment of Trondheim (especially in the winter), by the Institute and by the Biochemistry Department. He rated his sabbatical there as "the best ever". He has a copy (unframed) of McArthur's Corrective Map of the World on his office wall and a Norwegian flag in his house.

In August, Biology was joined by Anders Blomberg, a graduate student from Gothenburg who has been given leave to spend 12 months in Wollongong, as a Professional Officer, to participate in the investigation of a remarkable phenomenon of yeast hypersensitivity to water stress.

Anders has thrown himself with great zest into life and work at Wollongong. On his first day here he found a flat and bought a bike and, within the next few weeks, managed to have his wallet stolen in Canberra and an eye blackened in Redfern. His presence here has been warmly welcomed by all members of the Biology Department and he is contributing importantly to the programme on microbial water-stress physiology. He is also contributing to the close relationship developing between the Wollongong Biology Department and its Scandinavian connections.

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## TECHNOLOGY PARK STUDY

The N.S.W. Government has requested the University of Wollongong to undertake a study to produce the following reports:

1. An interim report by 30th November 1983 specifically on the potential of, and possible mechanisms for, a technology park to meet industry's needs with respect to technology development.
2. A full interim report by 31st March 1984 on the potential of other technology transfer mechanisms.
3. A final report by 30th April 1984.

A committee comprising University and industry representatives has been constituted to conduct the study.

The Committee invites written submissions from in-

dividuals and organisations who are interested in technology transfer or who are actively engaged in the commercial applications of new technology, and who feel that their endeavours may be suitably accommodated and assisted by the creation of some form of technology park.

Submissions should be forwarded to Mrs Lyn Woodley, Planning and Development Office, University of Wollongong, P.O. Box 1144, Wollongong. For further enquiries phone Mrs Woodley on 297311.

## SOUTHALL HONOURED

Professor Ray Southall, the Professor of English, has been conferred by the Council of the University of Sheffield with the title of Visiting Professor of English Literature.



## General Notices

### A FIRST IN AUSTRALIA

The volume *Italian Writers in Australia - Essays and Texts*, 329 pp. edited by Gaetano Rando, University of Wollongong, and sponsored by the Wollongong Chapter of the Dante is now available. The volume includes an introductory essay on a socio-historical survey of Italian writers in Australia, a study of selected poets, a critique of Australian society, works by Italo-Australian poets (from the 1981 Seminar) and the proceedings of the 1982 National Seminar on Italo-Australian Narrative and Drama Writers. Contact Mr. Rando at the University for a copy: cost - \$12.00.

### COUNCIL ELECTION RESULTS

The Returning Officer has declared the following people elected to the University Council for a three year term:

Convocation - Mr. Peter Curtis  
Academic Staff - Dr. John Panter, Mr. John Anderson  
General Staff - Mr. Peter Wood

"Campus News" congratulates the candidates and wishes them a fruitful period on the University's governing body.

### INTRODUCTION TO UNI 1984

The Counselling Centre will be organising a three day 'Introduction to University' for students commencing studies in 1984. The programme is designed to introduce new students to other people starting university, the way the university operates and to university study. Students and staff (Institute and Faculty) are needed to help run the programme which takes place in small groups, from 22nd - 24th February. If you're interested in helping, contact Greg Hampton at the Counselling Centre.

### REDUCED BANKING HOURS

The Campus Branch of the National Australia Bank will be open at the following hours from 5th December 1983 to 27th January 1984:

12.30 p.m. to 3 p.m. daily.

The Branch will be closed entirely from 23rd December to 3rd January inclusive.

### BRUCE SIMPSON RETIREMENT

A luncheon attended by 67 people was held at the University Union on the occasion of Bruce Simpson's retirement from University service. Bruce has been forced into early retirement by a hip injury which, unfortunately, did not respond enough to operation to enable him to continue in employment.

Bruce had been Maintenance Supervisor since January 1975. During his time at the University both the growing age of the older building and services and the new construction completed had added considerably to the role and responsibility of his position. His task was quite often a difficult one, not helped by the financial restrictions of more recent years.

On behalf of his many friends at the University Bruce was presented with a wallet containing an order upon a local sports store. Hopefully, not so many will get away in the future.

### CANADIAN ACADEMIC TO SPEAK ON BURNOUT

A recent arrival at the University is Dr. Sal Mendaglio, from the University of Calgary. He will be a visiting lecturer for the next two months, working with Dr. de Lacey on self-esteem enhancement and burnout in the caring professions. He will visit Bourke and other educational enrichment programmes in the near future, and presented a lecture on the burnout phenomenon on Wednesday, 23 November. The problem of burnout has not yet been widely studied in Australia. Apart from its injurious effects upon the individual teacher, social worker, counsellor or other caring professional, it reduces the effectiveness of the service. It is now possible to recognise the onset of burnout better than previously and to take remedial action. Self-esteem levels are important to motivation, which in turn is a fundamental element in successful schooling. Dr. Mendaglio has developed a programme for self-concept enhancement which can be adapted to the particular needs of various locations.

### ELECTRICAL RESEARCH BOARD 1984 GRANTS

Dr. P.C. Arnold and Dr. A.G. McLean have been awarded a normal grant of \$11,000 and a special grant of \$29,070 for their project Dense Phase Pneumatic Conveying of Pulverised Coal and Fly Ash.

### JOHN BELL RETIREMENT DINNER

Union Hall, 8th December at 7 p.m. Tickets \$13. Enquiries to R. Cowan, ext. 416.

### ENGLISH FOR OVERSEAS STUDENTS

by David Dillon-Smith, Co-ordinator of General Studies

I recently sent out to 60 students from South East Asia a questionnaire. I received only 15 replies, but did get some oral feedback and one of my students Jim Hazell used a rather similar questionnaire to interview another 35 students from the same region. My aim was to discover perceived problems in coping with their studies here, problems arising from insufficient knowledge of our language.

The respondents listed their native languages as: Indonesian 6; Chinese 4; Malaysian 3; Tamil 1; English 1. The age for starting English ranged from 3 to 14, the average being 8.8 years. The period of study ranged from 6 - 19 years, average 11.3, most of the student having learnt the language at school. Only 3 had not used tapes of native speakers (British or American); 11 had arrived here late in 1982 or early 1983, 3 early in 1982, the student with English as native language, in 1977.

What did they see as major difficulties in understanding the English language in Australia? - our pronunciation or 'accent' 6; our slang and colloquial expressions 6; the rate of speaking 3; though some indicated more than one problem.

Did they find it hard to understand what people were saying to them? Yes 10; No 4.

Could they at first understand lecturers? Not much or a little 9; mostly 6. (It may be, however, that not unlike the locally born, they really grasped less than they thought they did).

Were some lecturers harder to understand than others? Yes 13; No 2. Why so? Australian English or 'accent' 4; 'foreign accents' of those from other countries 5 (i.e. non British English), while an additional factor was speed of utterance 4. One student commented: 'some of them talk without moving their lips - that's difficult'.



## Seminars

### DEPARTMENT OF PHILOSOPHY AND THE AUSTRALIAN SOCIETY OF LEGAL PHILOSOPHY

A meeting will be held in the Staff Common Room, Level 13, University of Sydney Law School, 173-175 Phillip Street, Sydney on Wednesday, 30 November, 1983 at 5.00 p.m.

Professor H.J. McCloskey, Professor of Philosophy, La Trobe University and Visiting Professor, Department of Philosophy, University of Wollongong,

and

Professor J.L.C. Chipman, Professor of Philosophy, University of Wollongong and Visiting Professor, Department of Jurisprudence, Faculty of Law, The University of Sydney

will deliver a joint paper entitled "The Open Society: Its New Insidious Enemies".

Dr. J. Kleinig, Senior Lecturer, School of History, Philosophy and Politics, Macquarie University, will comment on the paper.

All welcome. Drinks will be served at the conclusion of the meeting.

## Job Vacancies

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

Wollongong	Part-time Cleaner Electrical Fitter - Mechanic Mechanical Fitter Carpenter-Joiner Secretary - Dept. of H.P.S.
ANU	Research Fellow in Molecular Cytogenetics Tutor in Economics Research posts in Japanese Studies, Behavioural Studies, & Earth Sciences
Flinders	Postdoctoral Fellow - Biological Sciences
Adelaide	Research Associate in Microbiology and Immunology Lecturer in Genetics Librarians
East West Centre Hawaii	Research Associate
Murdoch	Chair in Asian Studies
Macquarie	Tutors in English Equal Employment Opportunity Officer
Newcastle	Lecturers in Civil Engineering
James Cook	Lecturer in Physics

## Concerts, Exhibitions and Entertainment

### WEDNESDAY GALLERY

4/328 Crown Street, Wollongong.

Paintings, Pots and Paraphernalia.

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

Enquiries to Bev - 28.3853.

### COMING SOON

"Coming Soon" is the latest comedy by John Scholes.

The story is concerned with the decision of Zenith Films to make a movie in Wollongong. The casting session gets out of hand when lecherous Vernon T. Kirsch, Zenith's Hollywood producer, arrives to find morality clauses being ignored. Aspiring starlets burst down the door and morality flies out of the window when Simon becomes Susan, The Spirit Level becomes Young Lust and a builder's labourer becomes a film director. All this - and more - when "Coming Soon" comes to Illawarra SPECTRUM.

Playwright and actor John Scholes enjoys great success both in this country and overseas. Three of his comedies are currently being performed in Britain - The Space Between The Years, Fluff and Urge. Other have been well received in London's West End and more will be having their first productions by SPECTRUM in the near future.

Cast - Tony Hunt, Judy Bowmaker, Brian Gillette, Marge Hynoski, Erica Sturman, John Scholes.

Venue - Wollongong Workers Club Theatre Upstairs.

Dates - November 25, 26, 27.

December 2, 3, 4, 9, 10 and 11.

Times - Fridays and Saturdays 8 p.m.; Sundays 4 p.m.

Tickets - \$6 and \$3 concession (students, children, pensioners and unemployed).

Bookings - Phone 291067 or 285666.

### UNIVERSITY SINGERS CHRISTMAS CONCERT

Tuesday, 6th December Union Hall 8.15 p.m.

Music by Josquin, Tallas, Byrd, Holst and favourite carols.

## Staff Changes and Movements

### DEPARTURES

Miss G.P. Smith - Psychology

Mrs. M.L. Hutton - H.P.S.

### APPOINTMENTS

Mr. J. Nemcik, Technical Officer, Civil & Mining Eng.  
Mr. G. Silburn, Laboratory Assistant, Computer Centre  
Miss M. McInerney, Computer Trainee, Computer Centre  
Prof. L.A.P. Maguire, Professor, Chemistry

### RECLASSIFICATIONS

Miss L. Browne to Administrative Assistant Gd. 1 - 1.9.83.

## Book of the Week

From Chris Wilder, University Co-op Bookshop

### THREE BOOKS ON THE COMMODORE 64

**Commodore 64 Exposed** (Bruce Bayley \$19.95) looks right into the Commodore 64. The author goes into considerable detail on machine language programming, providing information on the 6510 chip crucial to this advanced form of programming. Binary and hexadecimal numbering systems are explained in a manner suitable for beginners and a memory chart is given - On the simpler level, this is also an introduction to programming in BASIC on the 64.

**The Working Commodore 64** (David Lawrence \$19.95) is more concerned with the practical applications of the Commodore 64. It is based on a collection of solid utility programs in areas such as data storage, graphics and education.

**Commodore 64 Programmer's Reference Guide** (Commodore Computers \$28.00) is comprehensive. From BASIC rules to BASIC vocabulary, it goes to graphics, sound and music and ultimately to machine language in nearly 500 pages. This is a highly detailed manual. A special feature is music generation via the SID, including diagrams of envelopes which illustrate the characteristic types of envelopes for different classes of real musical instrument.

These are three of the titles in stock relating to the Commodore 64. We also have in stock books on the VIC20, Apple, Atari, IBM PC, Tandy, BBC and TP. We also have books on Pascal, Forth, Ada, the Unix system and of course, BASIC. We even have books on robotics and machine language for various chips.

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### Computer People Please Note

The Co-op Bookshop now has in stock a wide range of computer books and some software.

Apart from general introductions to the uses of computers and the way in which they work, we have books on all the major personal computer systems: IBM, Apple (including the new Apple II e) Atari, Texas Instruments, Sinclair, Commodore etc. Also, books on major languages such as BASIC, Pascal, C, Forth and Logo.

On a more complex level, there are books on assembler language for the Apple, as well as chip-specific books on the Z80, 6809, 6502 and 8088 microchips. And we have books on robotics too.

We also have books on general approaches to computers in education, computers in society and computers in education - even computer applications for farmers.

For teachers we have a major new software item: *Bank Street Writer*, a wordprocessor for kids which teaches as it goes.

For business we have books on major software programs like Wordstar, Visicalc, 123, etc.

Not only will we always have a wide range of computing books in stock, but we are also undertaking a staff training program in computers (so we know what we're talking about!).

## Advertisements

### LIONS CLUB CHRISTMAS CAKES

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

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

### LANDROVER FOR SALE

Series 2A 1968 Model, Reconditioned throughout, phone John 961142.

### GWYNNEVILLE HOME FOR SALE

3 bedroom weather board/tile home, fully furnished and immaculately kept, recently painted. Lounge, bathroom, dining room, kitchen, laundry, garage. Level block opposite park land. Close to North Wollongong Station, buses, clubs. Ten minutes walk to University. \$64,000. Enquiries to 294095.

### HOUSE FOR SALE - KEIRAVILLE

Weather board 3 bedroom with built-ins, tiled bathroom, lounge room dining area, modern kitchen, large sunroom, A.G. pool close to schools, shopping centre and university. Ideally appointed family home. Price \$78,500. Phone 292413 after 5.30 p.m.

### DOREEN'S PARTY - THE BIG ONE

Thursday, 1st December 7.00 p.m. Union Hall

Tickets \$12.50 from the University Union

Telephone 282909

### WANTED

From late December or early January to December 1984, a fully furnished two bedroom flat (second bedroom for study) for mature PhD student.

Phone and leave details International House ext. 453 office hours. Adam Kulers

## Scholarships and Prizes

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

Illinois State University Graduate Assistantship Competition

Dept. of Science and Technology National Research Fellowship Scheme

Churchill Trust Churchill Fellowships

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