

# THE UNIVERSITY OF WOLLONGONG

# CAMPUS NEWS



Distributed each Tuesday

Deadline for copy noon Monday  
of previous week

Editor: George Willson, tel. (042) 270926

24 March 1987

## NEW UNIVERSITY RESEARCH POSITIONS

Last year, the University Planning and Development Committee allocated five posts at lecturer level to the Board of Research and Postgraduate Studies. These posts were meant, in part, to compensate for the changes that occurred when the postgraduate student weighting was reduced to one, a move designed to bring us into line with the CTEC method of calculating loads. The posts also signalled that not all staff deployment will be based solely on student loads; varying workloads and responsibilities in departments will also be considered.

Fourteen applications for the five posts were received. Two members of the Board, Professor Fasano and Associate Professor Doherty, met with me to prepare a short list, to interview and to make the allocations.

Needless to say, the task was not easy: there were no weak cases. To differentiate between them all, we looked specifically at how the applicants met the criteria discussed broadly by the Board and which were agreed to be pertinent: the postgraduate study load; the time spent on supervision; the undergraduate student load; the 4th (or Honours year) load; the nature of the teaching (field work, practicals etc); whether the loads were distributed evenly among the staff within the Department; the student:staff ratios; the publication record; the likely impact of the appointee on the productivity of the Department, or group; the grant income; whether the appointee would be expected to become involved in both teaching (including a role with postgraduates) and research; whether the appointee would strengthen an existing area of activity, or assist with the development of newer variations.

The sub-committee has allocated the positions as follow: a Lecturer in Geographics in the Department of Geology; a Lecturer in Technology and Social Change in the Department of Science and Technology Studies; a Lecturer in Fluvial Geomorphology/Landform Evolution in the Department of Geography; a Lecturer in Manufacturing Systems to be shared between the Departments of Mechanical Engineering and Electrical and Computer Engineering. The sub-committee decided that the fifth position would be allocated to one of three areas: Chemistry (to the Organic Chemistry/Biochemistry group); Metallurgy and Material Science (ceramics/materials processing); Civil and Mining Engineering (structural engineering), according to the quality of applicants.

It was also agreed that if any of the first four Departments were unable to obtain suitably qualified applicants for the posts specified, that particular post should be avail-

able to make an additional appointment in the second group.

It is intended that these allocations will be reviewed after two years and that, subject to the original aims being met, and funding, they will be extended for another two years.

The exercise was fruitful, even if difficult and with a disappointing outcome for some. We were able to allocate extra staff to several areas of the University to help develop research programs and to introduce new teaching programs. Some staff carrying considerable loads will now be able to devote more of their time to their own research, or to postgraduate supervision.

The University will consider later this year the extent to which it can develop this scheme and extend it in future years. Ultimately, of course, this will depend on budget allocations.

**Ian Chubb**  
Deputy Vice-Chancellor  
(Academic and Research)



*Stevie Wishart with hurdy-gurdy — for details of her Wollongong concert see back page of this issue*

## General Notices

### ABC BICENTENNIAL LITERARY AWARDS

The ABC Bicentennial Literary Awards give Australians a chance to help celebrate the Bicentenary in 1988. It's also an opportunity to get your work into print or over radio, and to win big cash awards.

The Australian Bicentennial Authority and the Australian Broadcasting Corporation are offering ten major awards to encourage participation in the national celebrations and in the development of Australian literature. The Authority will provide \$95,000 in cash prizes to the winners of these awards.

The Literary Awards are an important feature of the Authority's Publications Program, which covers the creation of an Encyclopedia of the Australian People, four 'landmark' publications and 20 Literary Commissionings, including fiction by such writers as Elizabeth Jolley, Kate Grenville, Robyn Davidson and the late Olga Masters.

The ABC will produce a number of programs based on the prize-winning entries, to enhance their role in advancing our literary heritage. Anthologies of winning entries in some categories, like the short story and poetry awards, will be published in 1988 by ABC Enterprises, which will also publish a prize-winning novel in manuscript.

Entry forms from ABC Bicentennial Literary Awards, The Australian Bicentennial Authority, GPO Box AUS 1988, Sydney, NSW 2001.

### ASMA/APOC JOINT CONFERENCE

Australian Marine Sciences Association and Australian Physical Oceanography joint conference, James Cook University of North Queensland, Townsville, May 12 to 16. Registration: \$75, (\$35 student rate).

- Call for papers from AMSA/APOC members on any general topic in Marine Science (AMSA) or Physical and Chemical Oceanography (APOC).
- Poster and student awards available.
- Full tour and excursion program.

Further information and registration forms: AMSA Conference Chairman (Paul W. Sammarco), Australian Institute of Marine Science, PMB No 3, Townsville MC Qld 4810. Phone: (077) 789211.

### KEEP AUSTRALIA IN UNI COURSES: MINISTER

Australian universities are failing to teach students about their own country and its relationship with the rest of the world, a report on Australian content in tertiary courses has found.

Commenting on the report, the Minister for Education, Senator Ryan, called for a more systematic and imaginative approach by educators.

She expressed concern that universities frequently pursued international standards of scholarship at the expense of an understanding of their own environment.

'We cannot afford to leave students cut off from their own personal and national experience,' Senator Ryan said.

Universities not only needed to increase the level of Australian studies in both science and humanities courses; but also to look more within Australia when recruiting academic staff.

As well, the criteria for appointment should include the ability to teach Australian content in courses and to conduct research about Australia.

'If students know about our country's achievements and experiences they will be able more readily to contribute to our agricultural, scientific and technological production, as well as our cultural life,' Senator Ryan said.

Senator Ryan's comments were contained in a speech at a Canberra literary conference.

*Sydney Morning Herald - 9 March 1987*

### HIGHER SCHOOL CERTIFICATE WINTER VACATION PROGRAM - JULY 6 TO JULY 10

The Winter Vacation Higher School Certificate program has been organised by the Centre for Continuing Professional Education. This program is offered specifically for those students sitting for the Higher School Certificate in 1987.

This is the second year of the program which was so successful last year and was attended by a large number of candidates.

Lecturers for each subject offered in the program 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; cost of the two sessions will be \$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'. Cost of these two courses will be \$4 each.

Timetable and enrolment forms will be sent to the year 12 co-ordinators of high schools at the beginning of May.

Further information: Anna Rousch/Bev Moate (042) 270484.

### WHO OR WHAT IS TO BLAME FOR COAL MINING ACCIDENTS?

To coincide with the 100th anniversary of the Old Bulli mine disaster, a seminar was held at The University of Wollongong on Wednesday March 18 to examine the problem of mine explosions in general.

Andrew Hopkins, who gave the seminar said: 'Normally miners themselves are blamed. They are said to be careless or ignorant. The recent emphasis on training schemes make this assumption.

'In a study of New South Wales coal mines I found that other factors are involved, most importantly, mine size: the larger the mine the higher the accident rate. Why this should be so is in part because morale is low in large mines.

'Is bureaucracy a cause of accidents? Is worker autonomy a solution?'

Other points discussed embraced such themes as whether when miners break safety regulations they are neither careless nor ignorant of the consequences; rather are they substituting their own experience-based rules for those legislatively imposed upon them. This amounts to an attempt to maintain control over the work process.

Andrew Hopkins lectures in sociology at the Australian National University. He was invited to the University of Wollongong by the Department of Science and Technology Studies. His research interests include industrial safety, the sociology of law and Latin America, particularly Nicaragua, where he has carried out field work. His seminar was based on funded study of coalmine safety in New South Wales. His political commitments are to Central America, Green politics and parenting.

### THE BICENTENARY HISTORY SERIES 1988

From 11 to 22 January 1988 The Centre for Continuing Professional Education will be holding a Bicentenary History Series.

On each day of the series, the guest speaker will give a presentation from 9 until 10.15 am. This will be followed by morning tea and then from 11 until noon there will be time for interaction with the audience.

This format proved to be very successful in the 'Basking in the Arts' program held at the University last January.

Speakers and their topics are:

- January 11 — Ms Pat O'Shane — Pre-European History  
January 12 — Dr Henry Reynolds (James Cook Uni) — Aboriginal Settlement  
January 13 — Professor Russell Ward (UNE) — Aboriginal Communists  
January 14 — Dr Bruce Mitchell (UNE) — Why was Australia settled by Europeans?  
January 15 — Dr Andrew Wells (Uni of W'gong) — Democracy and Equality in the Lucky Country  
January 18 — Dr Humphrey McQueen (ANU) — History of 20th C. Australia as seen from our postage stamps  
January 19 — Dr Stuart McIntyre (Melbourne Uni) — Constructing a past  
January 20 — Dr John Merritt (ANU) — The Darling River Settlements  
January 21 — Professor Manning Clark (ANU) — 21 January 1788  
January 22 — Assoc Professor Miriam Dixon (UNE) — Women and Identity in Australia 1788 — 1988  
Cost of attending the ten-day series will be \$80, while attendance at daily sessions will be \$10.

## WOMEN IN SCIENCE AND HEALTH

First meeting for 1987 Equal Employment Opportunities — Implications for Women in Health Care.

Speakers will include Dr Peg MacLeod (EEO Co-ordinator, University of Wollongong), Ms Romaine Rutnam (Planning Officer, Illawarra Health Service).

Migrant Resource Centre, 3 Rawson Street, Wollongong, Wednesday April 1 at 7.30 pm.

All women welcome. Refreshments and child care provided.

Enquiries Stephanie Short 270743 (work), Carole Cooper 283588 (work).

## APPOINTMENT TO NATIONAL HEALTH AND RESEARCH COUNCIL — MEDICAL RESEARCH COMMITTEE APPOINTMENT

NR&MRC have invited expressions of interest from people interested to filling a vacancy on the Medical Research Council for the 1988-90 triennium. The position must be filled by a person engaged in research in health sciences other than medicine and dentistry.

Further details from Annette Read, ext 3386 — 83/2/22.

## NEW STAFF FOR THE MATHEMATICS DEPARTMENT

There have been three new academic appointments at the level of lecturer or senior lecturer in the Mathematics Department this year. The appointees are Dr Pam Davy (Senior Lecturer), Dr Noel Smyth (Lecturer), and Dr Shahab Ghahreman (Lecturer).

Dr Pam Davy studied for her first degree at La Trobe University, subsequently going to the Australian National University where she obtained the PhD degree. She has held positions at Macquarie University and the Australian National University. Before taking up her position at Wollongong, she had been a lecturer at the University of Bath (UK) for over two years. Her general field is mathematical statistics and probability; her particular interests are geometrical probability, the spatial interpretation of cross sections and projections, and statistical image analysis. This has led her into collaborative work in diverse areas of science, including anatomy, materials science and mineral processing.

Dr Noel Smyth obtained his BSc (Hons) degree at the University of Queensland and a PhD at the California Institute of Technology. He has held several post-doctoral positions before coming to Wollongong, at the California Institute of Technology, the University of Melbourne, and the University of New South Wales. His general research

interests are in applied mathematics, but particularly in the area of linear and non-linear wave motion, especially as it occurs in fluid mechanics, oceanography and meteorology. Because of the difficulty of finding accommodation in Wollongong, Dr Smyth is living in Helensburgh, and is one of that small group of staff members who come to work by train.

Dr Shahab Ghahreman emigrated to Australia from Iran three years ago, and he says that at that time he had never heard of a place with the strange name of Wollongong. He worked as a tutor in the School of Mathematics at the University of New South Wales, and has recently obtained a PhD degree from that University. He had previously received the BSc (Hons) and MSc degrees from University College, London, in 1971 and 1972. His research interests are in statistics, but he has mainly worked in the areas of applied stochastic processes and simulation methods. Since he began his work here in January, he has been busy preparing lecture notes and settling in. He has found Wollongong a 'beautiful and peaceful city', and has been enjoying working in the Mathematics Department. He has also learnt that 'Wollongong' is derived from the original local aboriginal language and means 'land of winds', or words to that effect.

## THE PROBLEMATIC TEXT

... a lecture series in the Department of English which examines contemporary notions of textuality.

Speakers include:

Dr Stephen Muecke, Faculty of Humanities and Social Sciences, NSW Institute of Technology

Dr Ross Gibson, Independent film maker and author of *The Diminishing Paradise*

Dr Gay McAuley, Department of French, University of Sydney

Mrs Terry Threadgold, Department of English, University of Sydney

Mr Gunther Kress, Dean, Faculty of Humanities and Social Sciences, NSW Institute of Technology

Dr Anne Cranny-Francis, Department of English, University of Wollongong

Topics covered will include Australian literature and film, poststructuralist theories of text, performance theory, semiotic theory, linguistic/discourse theory, feminist rewritings of generic fiction (SF, fantasy, detective fiction).

The first lecture of the series will be held at 12.30 pm on Tuesday March 24 in Room 1125, Building 19.

Stephen Muecke will speak on *Wide Open Spaces: Horizontal Readings of Australian Literature*.

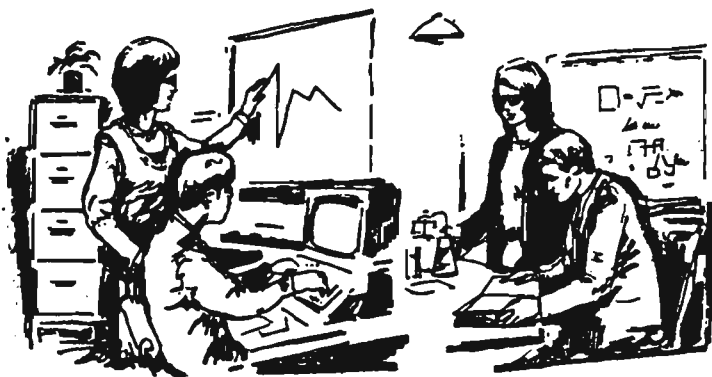
## THE CRISP MEDAL

An award to commemorate the life and work of the late Professor L.F. (Fin) Crisp, has been established by the Australasian Political Studies Association at the Australian National University and the Commonwealth Bank of Australia.

The award is of a silver medallion and a cheque for \$500. It will be made to a political scientist who, within 10 years of graduating as PhD or of taking up a tenured post at a university or college, is judged to have published the best work within the three-year period leading up to the year of the award.

Professor Crisp's books, notably *Australian National Government*, a textbook which in one form or another has been continuously in print since 1949, and his biography *Ben Chifley*, have been part of the education of generations of political science students all over Australia. Professor Crisp was a senior Commonwealth public servant during the 1940s and his political science was informed both by wide experience of government in action and by a belief in public service which he practised all his life. A building at the ANU is named after him.

Further information from Maureen Barnett, University Information, ANU (062) 492229.



## Staff Roundup

### SUPERANNUATION INFORMATION SESSIONS

Information sessions on both the State Superannuation Fund (or 'old' fund) and the State Public Service Superannuation Fund (or 'new' fund) will be held on Thursday, April 30.

The sessions allow staff to gain an understanding of how the particular fund works, what happens to your money, and what you are likely to get when you retire. Staff will be able to ask questions during the session and/or privately at the end of the session.

If you wish to attend please contact Joanne Hickey on ext 3030. Details of time and venue will be confirmed later.

Further details: Wendy Raikes, ext 3798.

### STUDY LEAVE/PROFESSIONAL EXPERIENCE PROGRAM LEAVE – TO BE TAKEN IN 1988

Applications to take leave as above will close with Personnel Services Branch on April 16.

Application forms and/or conditions of leave are available from Mr Ross Walker, ext 3934.

### ARE YOU STUDYING?

Members of the general staff who are undertaking a course of study may be eligible for study time.

Full details of the study time scheme are nominated in a small booklet, available from the Personnel Services Branch. There are a number of options under the scheme and staff are advised to read the booklet carefully to determine their best option.

Briefly, the study time scheme aims to provide assistance to staff members studying external (correspondence) or part-time courses approved by the University. Generally, the course must be relevant to the staff member's work or future work at the University. Time off work can be granted as: time each week up to a maximum of four hours to attend classes and/or undertake private study; accrual of days to use for study prior to the examinations up to a maximum of five days per year; time to attend compulsory residential schools (for external students) leave to attend examinations is also available to staff granted study time.

Staff wishing to apply for study time should contact Joanne Hickey on ext 3030 for an application form. In the first instance staff are urged to discuss their application with their supervisor or Head of Department/Section. Completed application forms and/or queries should be directed to Wendy Raikes, Staff Training Co-ordinator, ext 3798.

### NEW TRAINING ROOM

You may be wondering what has happened during the last couple of months in the Staff Training and Develop-

ment area. Although workshops, programs and the like have not been held, work in policy developments and review has been continuing.

With the provision of a permanent base for staff training courses in the new Administration Building (hopefully ready by the time you read this) it will be much easier to find the facilities necessary to conduct the many courses planned for 1987. Both the EEO Unit and Personnel Services Branch are looking forward to working in the new training room and we urge you to keep an eye out for notices of forthcoming courses.

### CURRENT VACANCIES

Lecturers (2 positions) (tenurable or limited term), Electrical and Computer Engineering, closing date March 31.

Foundation Chair in Legal Studies, closing date April 6.

Lecturers (several positions) (tenurable or limited term), Human Movement/Sports Science, Health Sciences, closing date April 17.

Lecturer (half-time or limited term), Science and Technology Studies, closing date April 21.

Further details: Ross Walker, ext 3934.

### STAFF CHANGES

#### NEW STARTERS

Mr P. Mourtos, Technical Officer Gr 1, Microwave Applications Research Centre

Dr D.I. Simpson, Lecturer, Philosophy

Ms A. Lloyd, Archivist, Library

Mr N. Grant, Senior Librarian Gr 1, Library

Ms K. Pepper, Research Assistant Gr 1, Psychology

Ms A. Connor, Office Assistant, Student Administration

Mr P. Pieri, Maintenance Assistance, Building and Grounds

Mr H. Henley-Martin, Gardener Labourer, Buildings and Grounds

Mr P.J. Hoole, Attendant (Cleaning), Buildings and Grounds

Mr G.A. Armstrong, Attendant (Cleaning), Buildings and Grounds

Ms K.J. Gilmore, Research Assistant Gr 1, Biology

#### DEPARTURES

T.P. Van Ravenstein, Research Assistant, Mathematics

Mrs S. Wright, Office Assistant, Student Administration

Mr R.D. Smith, Laboratory Assistant, Deputy Vice-Chancellors Unit

Mr T. Collins, Lecturer, Creative Arts

Ms K. Cummings, Professional Officer, Sociology

Dr A. Hope, Teaching Fellow, Chemistry

Mr M.D. Imisides, Research Assistant, Chemistry

### CONFERENCE NOTICES

*The Dynamics of Learning*, Australian Education Conference, Perth, September 27 to October 2

*Technology, Change and People*, 16th Annual World Conference and Exhibition of the International Federation of Training and Development Organisations, Madrid, Spain, July 6 to 9

*Managing Tertiary Education*, Australian Institute of Tertiary Educational Administrators, Perth, August 27 to 30

*Technology, Education and Society: Future Directions*, International Conference on Technological Education, Melbourne, May 10 to 15

Further details: Wendy Raikes, ext 3798.

### CYCLE CAREFULLY!

Some concern has been expressed recently regarding the hazards to pedestrians on campus caused by bicycles. Late last year a student was knocked down by a bicycle and sustained some severe bruising. A similar accident to a very young or more mature person could have been

serious in its result. What is perhaps more significant is the apparent unconcern of the rider and this attitude can only ensure that eventually a serious accident will occur.

All cyclists, including university staff who are provided with cycles for their work, should remember that pathways through the campus are for pedestrians. Please ride slowly and carefully. You do enjoy the advantage that you are permitted to ride to close proximity of your classes or work while all others must walk from the car parks, or bus stops. It would be a pity if careless riding led to complaints and possible cancellation of this privilege.

## CONGRATULATIONS!

Two members of the Administration recently walked down the aisle. Congratulations are extended to Nina Musumeci (from Salaries Office in Personnel Services Branch) and Judy Alexander (from Student Records in Student Services Branch). Nina married Peter Anzellotti on February 28 and after an overseas honeymoon will return to the University. Judy married Michael Fuller on March 7 and has left the University to join him at South West Rocks.

## EEO news....

It is not a compliment and it is not a joke. Unfortunately, sexual harassment is not an uncommon event in most organisations. There is no evidence that it occurs more often at The University of Wollongong than anywhere else but even one incident is one too many.

Sexual harassment is conduct of a particularly insidious nature and often has disastrous effects. People exposed to it get irritable and often depressed. General morale of staff or students is lowered; people get physically sick as well as psychologically stressed. The level of work or study performance decreases and the harassed person may even resign or drop out of university. It's a high price to pay for some 'innocent' fun.

The University of Wollongong, in its capacity as both an employer and an educational institution, strongly supports the right of all people to work or study in an environment that is free from personal intimidation and harassment. Therefore, on February 6 Council endorsed a policy on sexual harassment.

Sexual harassment has been defined in our policy as any verbal or physical conduct of a sexual nature which would normally be considered offensive, that is UNSOLICITED, UNWELCOME and UNRECIPROCATED.

It ranges from inappropriate displays of erotic or pornographic material to criminal sexual assault and may be directed at men or women by same or opposite sex perpetrators.

Sexual harassment is illegal and the University is responsible for the behaviour of its employees. The EEO Unit's Sexual Harassment sub-committee has prepared a brochure outlining the University's policy, what constitutes this type of harassment, and what measures can be taken, should it occur. These brochures are being widely distributed throughout the University community in an effort to raise awareness of the nature of this issue and the responsibilities associated with it. If you have any questions or want a copy of the brochure, please contact the EEO Unit on ext 3917.

Peg MacLeod  
Ext 3917

## Job Vacancies

Details of the positions listed below are on file in the **Campus News** Office — room G24A, on the ground floor in the administration building.

ANU	General Editor, Research School of Social Sciences, The Australian Dictionary of Biography Postdoctoral Fellow/Research Fellow in Theoretical physics, Research School of Physical Sciences Lecturer in Physics, Department of Physics and Theoretical Physics Research Associate (ARGS), Department of Physics and Theoretical Physics
Adelaide	Tutor in Anthropology, Department of Anthropology Research Associate, Department of Agricultural Biochemistry at the Waite Agricultural Research Institute Tutor in Education, Department of Education Systems Analyst/Programmer (Computing Officer Grade 2), The Registry
Canterbury	Director, Macmillan Brown Centre for Pacific Studies
Flinders	Research Fellowship in Biology, School of Biological Sciences
James Cook	Lecturer/Senior Lecturer in Computer Science Resident Scientist (Parasitology)
Macquarie	Lecturer in Management (Information System) fixed term, Graduate School of Management Lecturer in Chinese (tenurable or fixed term) School of Modern Languages Lecturer in Accounting (tenurable or fixed term), School of Economic and Financial Studies
Melbourne	Chair of Architecture
Murdoch	Postdoctoral Research Fellowship, School of Environmental and Life Sciences
Otago	Postdoctoral Fellowship in Chemistry
Queensland	Professor of International Business, Graduate School of Management Professor of Molecular Biology Lecturer in Mathematics (tenurable) Professor of Social and Preventative Medicine Professor of Philosophy
Sydney	Principal
College of the Arts	

## friends Campus Community Interface

### FRIENDS VISIT TO THE DEPARTMENT OF MANAGEMENT

Professor Julian Lowe has requested that the Friends visit scheduled for March 25 be postponed until Thursday December 3.

### PROGRAM OF EVENTS AND MEETINGS

April  
Wednesday 1 — Graduates Group, 6 pm, Northern Lounge.

# 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.*

## NATIONAL SOIL CONSERVATION PROGRAM 1987/88

Researchers are invited to lodge applications under the National Soil Conservation Program for funds to undertake research directed toward the rehabilitation and sustainable utilisation of the nation's soil and land resources.

Closing date with the University is April 22.

## BIOTECHNOLOGY RESEARCH

The Commonwealth Department of Industry, Technology and Commerce has invited biotechnology research proposals in the areas of genetic engineering, cell manipulation and culture, enzyme applications and fermentation technology.

Closing date with the University is May 20.

## FRENCH GOVERNMENT SCIENTIFIC FELLOWSHIPS 1988

The French Government is offering a limited number of Fellowships to enable Australians working in scientific fields to visit France for three to six months in the period February to December 1988.

Closing date is June 12.

## 1988 NATIONAL RESEARCH FELLOWSHIPS AND NATIONAL RESEARCH FELLOWSHIPS QEII

The Department of Science has invited application for: National Research Fellowships to be awarded to individuals or teams to undertake research of national significance; and National Research Fellowships — Queen Elizabeth II Awards which have been established to encourage research by young scientists of exceptional promise and proven capacity for original work.

Closing date with the University is April 8.

## NATIONAL LIBRARY OF AUSTRALIA — HAROLD WHITE FELLOWSHIPS

Applications are invited by the National Library of Australia for three Harold White Fellowships for 1988. The Fellowships are to enable established scholars, librarians and writers to work for three to six months at the Library.

Closing date with the University is April 21.

## PROGRAMMING ASSISTANCE FOR RESEARCHERS

The Board of Research and Postgraduate Studies invites applications from researchers for short-term computer programming assistance during 1987. Applications may be lodged with the Secretary at any time. Inquiries to Annette Read, ext 3386.

## APPLICATIONS FOR SHIP TIME ON R.V. FRANKLIN

The R.V. Franklin is a 55 metre oceanographic vessel operated as a national facility for the conduct of physical, chemical and biological oceanography. Proposals are invited from individuals and research teams for projects to be included in the cruise schedule for 1989.

Closing date with the University is June 22.

## PREVIOUSLY REPORTED IN CAMPUS NEWS

Name	Internal Closing Date
Australian Research Grants Scheme	March 18
CSIRO/University of Wollongong Collaborative Scheme	March 31
Clive and Vera Ramaciotti Research Travel Grants	Anytime
Australian Biological Resources Study	April 3
Rural Credits Development Fund	April 20
Earthwatch	Anytime

## Seminars

### DEPARTMENT OF MATHEMATICS INFORMAL THEORETICAL MECHANICS SEMINARS

The Department of Mathematics will run on Mondays throughout the session, a weekly informal Theoretical Mechanics lunchtime seminar (12.30 - 1.30 pm) in either Room 204 or 206 of the Austin Keane building. (The first was held on March 16).

These seminars are intended not to be polished presentations but rather as a forum to initiate discussion on current research areas. All interested students and staff throughout the University and wider research community are cordially invited to attend (with their lunch!). Individuals wishing to lead the discussion in areas of special relevance to themselves or wishing to nominate speakers, should contact either myself (042) 270822 or any member of the Theoretical Mechanics Research Group listed below. All problems relating to material behaviour, heat transfer, diffusion and mathematical modelling in industry would be most welcome.

It is hoped that the seminar series will attract perhaps either those in industry or experimentalists who are possibly non-mathematicians but wish to formulate mathematical models. In order to facilitate exchange and encourage participation, we emphasise that these meetings are intended to be particularly relaxed and informal.

Theoretical Mechanics Research Group:

Professor J.R. Blake — Fluids, Biological flow, cavitation (042) 270843

Dr C. Coleman — Heat transfer, non-Newtonian fluids (042) 270421

Dr J.M. Hill — Heat transfer, finite elasticity (042) 270822

Dr A. Kucera — Heat transfer, cavitation (042) 270820

Dr N. Smyth — Fluids, non-linear waves, diffusion (042) 270824

Dr Wee King Soh, Fluids, non-linear, flow separation, computation techniques (042) 270059

Speakers for Session 1:

March 23 — Dr K. Enever, John Lysaght, Port Kembla — Pressure transients

March 30 — Dr Wee King Soh, Department of Mechanical

Engineering — Computational non-linear water waves  
 April 6 — Dr M. Atkinson, Department of Materials Engineering — Plasticity of metals  
 April 13 — Dr A. Kucera, Department of Mathematics — Cavitation  
 May 4 — Dr R. Kohoutek, Department of Civil and Mining Engineering — Structural Dynamics  
 May 11 — Dr J.M. Hill, Department of Mathematics — Heat transfer in laminated materials  
 May 18 — Dr A.G. McLean, Department of Mechanical Engineering — Lumped element modelling of stress fields in bins  
 May 25 — Dr N. Smyth, Department of Mathematics — Non-linear geometrical optics  
 June 1 — Dr N. Barton, Division of Mathematics and Statistics, CSIRO, Lindfield — Sedimentation and red blood cells  
 (12.30 - 1.30 pm, Room 204 or 206, Austin Keane Building)  
 J.M. Hill  
 Department of Mathematics  
 University of Wollongong

## 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 April 15 — Professor B. Morris, Department of Immunology, John Curtin School of Medical Research, Canberra — Experimental Surgery of the Foetus and Embryo.

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.

Wednesday July 22 — Associate Professor A. Lee, School of Microbiology, University of NSW — *Campylobacter pyloridis*: dyspepsia and ulcers - Fact or Fiction.

Wednesday August 19 — Professor P. Reeves, Department of Microbiology, University of Sydney — Genetics of O-Somatic Antigen: Highly Variable Surface Polysaccharide of *Salmonella*.

Wednesday September 9 — Dr G. Both, CSIRO Division of Molecular Biology, North Ryde — Molecular Biology of Rota viruses.

Wednesday October 14 — Dr A.J. Husband, Faculty of Medicine, University of Newcastle — Psycho-Immunology: Bridging the Gap between Mind and Immunity.

Wednesday November 4 — Professor A. Basten, Clinical Immunology Research Centre, University of Sydney — Immunoregulation.

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

## INVESTMENT FOR WOMEN

Saturday May 23, 9 am — 5 pm

A full-day seminar has been organised by the Centre for Continuing Professional Education at The University of Wollongong. This seminar is specifically designed for women in the management of money matters and should be of interest to all staff.

Qualified and experienced speakers will cover the following topics: Retirement Planning; Superannuation; Understanding Taxation; Insurances; Acquiring and paying off loans; What to do if you are suddenly widowed or divorced; Shares and Dividends (including recent government changes);

Fixed Interest; Insurance Bonds, Friendly Society Bonds, etc.; Property Investments; And many other topics ...

Time allocated for questions.

Fee: \$30 includes handouts, morning/afternoon tea and lunch. Further inquiries and registration: Anna Rousch/Bev Moate (042) 270484.

## DEPARTMENT OF BIOLOGY

Date: Tuesday, March 24 — 4.30 pm

Speaker: Ms Alison Hunt, Department of Biology, University of Wollongong.

Topic: Factors determining reproduction and recruitment in the anemone *Oulactis muscosa*.

Date: Tuesday, March 31 — 4.30 pm

Speaker: Dr Mark Dowton, Department of Biology, Deputy Vice-Chancellor's Research Unit, University of Wollongong.

Topic: Neuropeptide metabolism in chicken retina.

## MATHEMATICS DEPARTMENT

Speaker: Dr T.P. Speed, Chief, CSIRO Division of Mathematics and Statistics, Canberra

Topic: Triangulated graphs and their applications

Date: Thursday March 26

Time: 1.30 — 2.30 pm

Place: Room 15.204 (Austin Keane Building)

## ACCOUNTANCY AND LEGAL STUDIES

Date: Monday April 13

Time: 9.30 am

Place: Room 19.2035

Speaker: J. Barlow

Topic: Developing Organisational Information Structures

## Letters

Sir,

In the past ten to 12 years scores of mature-age students have entered tertiary institutions in Australia only to find, subsequently, that there is no outlet in which they can use their new qualifications. When added to the graduates' valuable life experience, these degrees and diplomas represent a considerable, untapped resource in the community which ought not to be wasted.

Apart from individual expenditure of time, money, energy and effort, the cost to the Australian government of providing tertiary education to each student is many thousands of dollars. It makes no economic sense for a country to educate a significant number of its population and then throw them on the scrap heap. From the graduates' point of view, we can and should give something back.

The philosophical basis of the Graduate Diploma in Adult Education, which I have recently completed, is that learning is a lifelong activity, one which benefits the individual and, by extension, can be an agent for changing and improving society.

What I am proposing is that unemployed mature graduates should pool their talents in a kind of Education Co-operative which can provide tutors, undertake research projects and organise workshops for the general community. There will be little financial return but neither shall we be asking the government for funds. What we will gain is our academic self-respect. We can be ongoing, practising scholars or we can be ex-students just sitting at home with our books and our memories of uni life. Would interested persons please phone me on 612714.

Audrey Heycox

## Concerts, Exhibitions and Entertainment

### MEDIEVAL WOMEN'S SONG AND DANCES

Wollongong City Gallery, Wednesday April 1, 8 pm  
Tickets at door from 7.30 pm: \$6; \$3 concession

Largely the work of male poets and composers, medieval song celebrated women as unobtainable lovers, praised them as patronesses and worshipped them in the image of the Virgin Mary. Yet in reality, women suffered extreme discrimination: the church regarded them as reincarnations of Eve, the first sinner. For St Jerome she was 'the gate to the devil' while for St Thomas Aquinas she was necessary only 'to preserve the species or to provide food and drink'. When Eleanor of Aquitaine began her rule at Poitiers in 1170, she established her court as an influential cultural centre and a place in which troubadour song flourished. Poet-musicians subsequently found favour elsewhere as the sophisticated atmosphere of Eleanor's court was emulated by surrounding royal households.

While the male troubadour still dominated these courts, there were some 20 known women troubadours, though only one song has survived. However, the subject of women remained a paramount concern of these songs and indeed an entire genre of songs expressing female sentiments was evolved.

In a fascinating program of this repertoire, Stevie Wishart (fiddles and hurdy-gurdy) and Mara Kiek (vocals) will present a view of the medieval woman as lover, patroness and saint, through songs and dances of the twelfth and thirteenth centuries. The performance will be staged in Wollongong City Gallery on Wednesday, April 1 at 8 pm. The program is presented under the auspices of the Music Development Office, University of Wollongong.

The performers: Stevie Wishart is among Britain's leading exponents of medieval string instruments, including fiddles and the hurdy-gurdy. She is also in demand as a performer in more recent musical styles from the baroque to contemporary jazz. Her doctoral research at Oxford University provides the basis for this stimulating program.

Mara Kiek is a vocalist with a vast range of experience in music ranging from medieval and renaissance song to jazz, rock, folk and ethnic styles. She was a founder member of the renowned Tansey's Fancy.

**N.B. This program supersedes the previously announced 'Troilus and Cressida'.**

Inquiries: David Vance, Music Development Officer, 270986.

### TRUMPET AND PIANO AT TWILIGHT

Trumpeter Jeff Segal and pianist Nan Price will give a Twilight Concert in Union Hall at the University of Wollongong on Friday March 27 at 6 pm. The program will include music by Haydn, Purcell and Telemann.

Nan Price is one of the outstanding musicians to have worked in Wollongong during recent years. Before coming to Wollongong, she taught piano at Sydney and Newcastle Conservatoriums. She is currently teaching at the University of Wollongong Conservatorium.

Jeff Segal was born in Wollongong in 1969, and his early education was at Wollongong and Coniston Public Schools and Keira Boys' High School. He started piano studies at an early age with Nan Price. When he was eight years old, he was awarded an exhibition in Fourth Grade Piano (AMEB), being examined by Miriam Hyde, the distinguished Australian pianist and composer. He won many prizes as a pianist in Eisteddfods, including the Intermediate Piano Championship at the Wollongong Eisteddfod when he was eleven years old.

During the past three years, Jeff has been studying trumpet, first with Paul Goodchild and Cliff Goodchild, and currently with Daniel Mendelow.

Jeff completed his Higher School Certificate last year and is enrolled in the Bachelor of Music Course at the Sydney Conservatorium. He has made several professional appearances as trumpeter with the Sydney Symphony Orchestra, and was also a stage trumpeter in last year's presentation of 'Aida' by the Australian Opera. He is a member of the Australian Brass Quintet, which has given numerous professional performances, including one for the Pope on his recent visit to Sydney.

A highlight for Jeff was an appearance last year as soloist with the Sydney Symphony Orchestra in a performance of Haydn's trumpet concerto, in the Concert Hall of the Sydney Opera House.

Admission to the concert is \$4 and \$2 concession. Tickets are available at the University of Wollongong Union Office (telephone 207833) and will be on sale at the Box Office of the Union Hall before the start of the concert at 5.30 pm on Friday March 27.

### UNIVERSITY SINGERS

The University Singers have begun rehearsals for what will be another busy year. There will be five major concerts beginning with an Easter concert on Good Friday at All Saints Anglican Church, Figtree. Included in this program is music for brass by Giovanni Gabrieli, as well as sacred choral music by Bach, Palestrina and Purcell.

On May 30 the University Singers are joined by the Sydney Youth Orchestra for a performance in the Wollongong Town Hall as part of the Friends' Gala Concert for 1987. The beautiful Faure *Requiem* heads the program, along with Britten's *Hymn to Saint Cecilia* and a symphony by Haydn.

September and October are busy months with two programs scheduled for presentation: the first (September 4) is a program of sacred music including the famous Allegri *Miserere* and Tallis' *Lamentations of Jeremiah*. The second program (October 2) will be a concert performance of Purcell's 'dramatic opera', *King Arthur*.

Yuletide music occupies the final performances for the year with a Christmas concert on December 8. Subscription tickets for the season will be on sale shortly.

Auditions: University Singers has limited vacancies for tenors and basses only to augment the choir for the performance of Faure's *Requiem* on May 30 with rehearsals beginning in March. Inquiries to David Vance, ext 3617.

### NEW HOME FOR THE MUSIC DEVELOPMENT OFFICE

David Vance is now located in Building 30, on extension 3896.

## Advertisements

### TO RENT

For six months - May to October. Three bedroom house at Wilton. \$100/week. \$300 bond required. Has two fireplaces, lounge, spa and resident cat. Phone Cheryl Slattery (046) 309182.

### ACCOMMODATION WANTED

Responsible and reliable teaching fellow is looking to rent a one-bedroom unit, granny flat or similar. Must be quiet. Please contact the Accounting Secretary on 270718.

### FOR SALE

Datsun 1200, registered to April 1987, reliable car, reasonable condition, \$1200 ono. Phone 270037 or a.h. 287757.