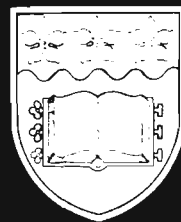


THE UNIVERSITY OF WOLLONGONG CAMPUS NEWS



17 July 1990

University hosts conference on greenhouse and health

Minimising the impact of environmental change on people's health is one of today's most important challenges, the Minister for the Aged, Family and Health Services, Mr Peter Staples, said on Monday July 2 when he opened a conference at the University to discuss the implications for health of long-term climate change. The conference, organised by the University, the National Health and Medical Research Council and the Commonwealth Department of Community Services and Health, was attended by health workers, engineers, meteorologists, government administrators and other experts.

Last year Professor Christine Ewan, Foundation Dean of the Faculty of Health and Behavioural Sciences, Professor Dennis Calvert, Head of the Department of Public Health and Nutrition, and Dr Edward Bryant, of the Department of Geography, were awarded \$34,308 by the Commonwealth to conduct research on the health effects of long-term atmospheric change in Australia. The project is part of a National Health and Medical Research Council initiative to develop a strategy to assess changes likely to occur as a consequence of the 'greenhouse effect' and to determine action required by governments, professionals and the public to minimise these effects.

Mr Staples said the magnitude and timing of the impacts from greenhouse could not be accurately predicted using available data. However, governments and experts had to plan for the future.

'As the Prime Minister has said, we cannot afford to wait for conclusive scientific evidence of climate warming because, if the predictions prove correct, the longer we delay the more difficult and costly will be the solutions', he said.

Mr Staples spelled out what he described as 'the most often advanced climatic scenario within the life-span of today's children. We may expect raised sea levels, causing flooding of coastal cities and plains and making low-lying islands un-

inhabitable. The distribution and availability of fresh water will be changed. Natural ecosystems will be changed and some plant and animal species will become extinct. Building design and heating and energy generation and use will be affected. There will be changes to the productivity and distribution of agricultural land.

Mr Staples said such dramatic changes would inevitably affect health. 'High sea levels, increased rainfall and flooding may result in an increased frequency of waterborne diseases, such as Ross River virus and Australian encephalitis. The possibility of reintroduction of malaria cannot be discounted.'

Mr Staples said the greenhouse effect was causing concern worldwide. Australia was actively participating in United Nations activities including those of the World Health Organisation and the Intergovernmental Panel on Climate Change, the major international forum for research, impacts assessment and development of responses.

'In Australia the National Health and Medical Research Council advises governments on the impact on health of environmental change and on strategies to reduce harm', Mr Staples said. 'I look forward to taking proposals to the Commonwealth Government for an ozone and health strategy arising from the work.'

University Aquatic Centre

The University Aquatic Centre will be officially opened by the Chancellor, the Hon R M Hope, AC CMG QC, at 11.30 am on Friday July 20.

All staff are invited to view this outstanding new facility.

In the first week of operation, free swimming in 24 degree C water is offered to all users of the Centre.

Pictured are, from left, Stephen Martin the Federal Member for Macarthur, Peter Staples the Minister for the Aged, Family and Health Services, Pro Vice-Chancellor Professor Lauchlan Chipman and Professor Christine Ewan



General Notices

Appointment of Heads of Departments

HEADS OF DEPARTMENTS within the University are appointed for set terms. Terms may be renewed or the headship may be rotated so that other senior staff take up the burden for one or more terms. Over time it is expected, especially in Departments with more than one Professor, that more than one person will have a turn.

As each term comes to an end, a Council-instituted process of consultation is implemented. The Deputy Vice-Chancellor consults with individuals and the Departmental staff to ascertain their views. Existing heads may or may not wish to carry on, even if Departmental staff desire them to. Always the best interests of the Department and the University are kept to the fore.

Having considered this input in the light of his view of the needs of the Department, the Deputy Vice-Chancellor makes recommendations to the Vice-Chancellor, who makes the appointment.

The process described above has been carried out for some current headships which ended in June. As the terms of other Heads, who started at later dates, conclude, the same process will be followed. The following appointments have been made:

Chemistry	Professor L. Kane-Maguire
Civil and Mining	
Engineering	Professor R. Singh
Economics	Mr R. Castle
Geography	Professor M. Wilson

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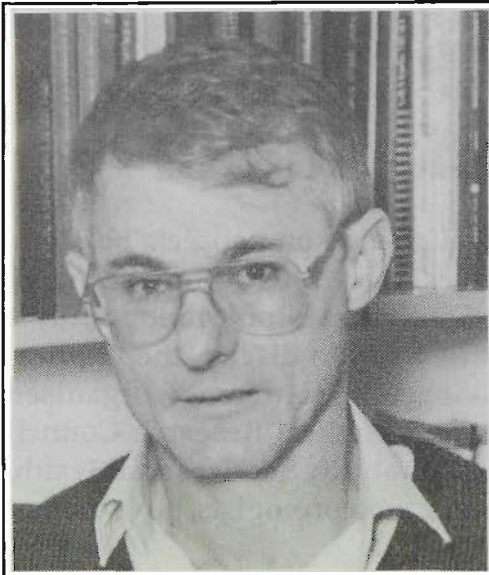
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Geology	Associate Professor A. Wright
Management	Professor J. Lowe
Mechanical	
Engineering	Professor P. Arnold
Physics	Professor P. Fisher
Psychology	Professor W. Lovegrove
K.R. McKinnon	
Vice-Chancellor	

Dean (Postgraduate)



PROFESSOR W. Lovegrove, Head of the Department of Psychology, has been appointed to the position of Dean (Postgraduate) for a period of four years from July 1.

Professor Lovegrove was chosen from a strong field of applicants. The Selection Committee (Executives and Deans) felt that the University was fortunate to have such a talented field of applicants interested in the position. This augurs well for the further rapid development of postgraduate studies in the University.

Professor Lovegrove will be in touch with Faculties and Departments in the near future concerning graduate programs in schools. It is now appropriate for proposals relating to these to be forwarded to the Deputy Vice-Chancellor. It is hoped that the organisational arrangements for 1991 can be finalised by about the end of September this year.

Missing chairs

SEVERAL Students enrolled in this University have suffered spinal injuries and are studying in order to rehabilitate themselves. As one can imagine, these students have difficulty sitting in the type of plastic chairs we usually have in our lecture theatres. Most of them can tolerate

the pain of sitting in such chairs for only about ten minutes and then have to leave the lecture.

In order to assist these students, the Counselling Service purchased ergonomic chairs for their use and placed them in several lecture theatres. As the chairs are adjustable and have arm rests our students were able to sit for at least an hour.

The problem seemed to be solved until the first of the chairs disappeared from a lecture room. The chairs were then secured *in situ* by cable and padlock and a label explaining the purpose of the chair was affixed to the back of the seat. The chairs unfortunately continued to disappear. They cannot be replaced as their purchase represented a considerable proportion of the \$4,000 budget which is annually allocated to the Counselling Service for providing assistance to students with disabilities. A consequence of the thefts is that the students who used them are now experiencing considerable difficulties.

Anyone knowing anything about the disappearance of the chairs from Building 14 and Building 35/G45 and G19 should contact Greg Hampton, ext. 3446.

Management student voted best MBA in NSW

BRUCE COX, who recently graduated with an MBA from the Department of Management, has been awarded the IMCA prize for the best MBA student in New South Wales. The competition, in which all NSW universities provided candidates, was designed to identify the best MBA student in terms of a specific piece of research/project work and overall knowledge of a typical MBA syllabus.

Bruce, who works for BHP, demonstrated an excellent breadth of knowledge and perspective and was congratulated on his thesis, which evaluated the appropriate management information systems for a TQC environment.

Wollongong (unfortunately) not the Logical place

The Annual Conference of the Australasian Association for Logic, organised by its President, Associate Professor Martin Bunder (Dean, Informatics), was held at Women's College, University of Sydney, from Friday June 29 to Sunday July 1. Participants were academics and graduate students from computer science, mathematics and philosophy departments in Australia and New Zealand.

New General Science Building

Completion expected by the end of 1991



Artist's impression (courtesy of the University's architects, Graham, Bell and Bowman) of the General Science Building which will accommodate Geology, Physics and Chemistry laboratories and a computer laboratory. An excavated basement level will be developed later

CONSTRUCTION of a new General Science Building (Building 41) started on May 28 and is expected to be completed by the end of 1991.

The building (see artist's impression as viewed from the north west) will be located immediately west of Building 42 (Science Teaching Laboratory). This new building with a total project cost of \$7.2m will provide approximately 2500 sq m of usable floor area on four levels:

Level 1 (Basement), Geology laboratories to replace Geology Annexe (Building 34)

Level 2, Laboratories and offices for Geology to replace space in Building 35 which will be reallocated to the Department of Biology

Level 3, Laboratories for the Department of Physics and the Faculty of Science Office

Level 4, Laboratories for the Department of Chemistry and a Computer Laboratory.

In addition, there is an excavated basement level which can be developed and fitted out later when funds become available.

The building contractors are M C Harrold and Associates, based at Kiama; the designers are Wollongong architects Graham, Bell and Bowman; and the principal engineering consultants, also from Wollongong, are Steensen Varming (hydraulics, electrical and mechanical) and Forbes Rigby (structural).

The main point of builder's access to the site is from the ring road west of the Printery. There may be some noise and inconvenience associated with the construction but this should be minimal and no more than normally associated with such construction.

Staff and students are reminded that during construction the builder has possession of and full responsibility for the site and therefore no access can be permitted for any unauthorised person without prior approval.

We are not alone

Strict regulations for parking on the University of Sydney campus, aimed at reducing the growing problem of illegally parked cars, make life at Wollongong seem almost easy.

Cars found on the Sydney campus without proper permits, or parked on footpaths or in other prohibited areas, may now be fitted with a wheel-locking device which prevents them from being driven away. The owners will have to go to the security office to pay a \$10 fine, have an officer return with them to the car to remove the device and then pay another \$30 fine within 14 days.

Alternatively, drivers may find \$30 tickets on their windscreen if they have parked illegally. Repeat offenders may have their cars towed off the campus, at a cost of \$60, and be liable to a \$30 fine and pound fees.

It will now also be necessary for visitors to pay a \$2 fee to park on campus at weekends. Until now, the visitors' parking fee was payable only on weekdays.

'All this is an effort to come to grips with the large number of people who have been coming on campus and ignoring our parking regulations,' said Deputy Bursar Bill Hamilton. 'People who have paid for permits and who respect the regulations were becoming resentful of those who left their cars anywhere they liked and made things difficult for others.'

This year, as a budgetary measure, there will be a 14 per cent surcharge for people who pay their yearly parking permit fees through payroll deductions. This is to recover the interest forgone by the University if the deferred payment option is chosen.

The cost of a permit will be \$110 this year, and \$220 for covered parking at Western Avenue. Postgraduate students may buy permits for campus for \$88. Other students who must attend evening lectures may buy permits for \$56 for Darlington and \$76 for both campuses.

Proposed car park on land leased from City Council

WORK on the construction of a permanent car park on leased City Council property (opposite the Music Centre, Building 24) to the north of the ring road, started on Monday June 18. When completed, a total of 64 car spaces and six motor-cycle spaces will be available.

Improving campus services

Campus appearance and the disposal of rubbish

MAINTAINING the attractive appearance of our campus is in all our interests and the Administration provides funding for this purpose in support of its commitment.

We are planning to replace the rubbish receptacles currently in use by bins with lids and are reviewing where we place them and how frequently they are emptied. However, all efforts in this direction will be as nothing unless each of us adopts a positive approach to the care of our environment.

SO

- Please use the litter bins provided
- Affix notices only to approved notice boards
- Try to set a positive example to your friends and colleagues

- Write to Kevin Turnbull or Tony Clapham with your ideas

- Park correctly and neatly

If out-of-the-way corners remain unswept for days, report the fact to Martin Brampston for outside areas and Ross Hounslow for inside areas.

In a recent survey of students' attitudes campus attractiveness was the most frequently mentioned positive factor. This is certainly the case at the University of Wollongong. Let's keep it that way.

Lighting on campus

The maintenance and improvement of campus lighting is a high priority for the University. The subject is tackled in two ways: first, we have to maintain existing lighting and, second, we have a program to install additional lighting, particularly where there are new buildings.

a. Rectification of defects

This is a joint Maintenance and Security responsibility whereby Security personnel working the afternoon shift routinely report defective lighting on a daily basis to the Maintenance Department who in turn aim to rectify all reported faults within 48 hours. Each light has a number to facilitate defect reporting. If you notice a light out while walking around campus please note the number, which you will normally find at the base of the globe, and report it to the Security Department.

b. Additional lighting

The University currently allocates some \$50,000 a year to the updating and extension of campus lighting. The aim is to create a safe and pleasant environment without destroying the natural beauty of our location. In particular we are improving the 'well lit corridor' running diagonally across campus and extending lighting to new buildings. In recent months we have extended full lighting from 10.30 pm to 11 pm.

K.E. Baumber
Vice Principal Administration

Stage II of ITC now functioning

Stage II of the Illawarra Technology Centre was formally opened on June 8. From left are Mr Terry Graham, from the architects, Graham Bell & Bowman, the Hon R.M. Hope, AC CMG QC, Chancellor of the University of Wollongong, who performed the opening ceremony, and Mr Arnold Hanson of the builders, A. & M. Hanson. The commemorative plaque is to Mr Graham's right



Visit by Professor Ihab Hassan

THE NEW Literatures Research Centre invites interested colleagues to a talk by the eminent literary theorist and American Literature scholar, Ihab Hassan, Vilas Research Professor of English and Comparative Literature, University of Wisconsin, Milwaukee, currently Visiting Fellow at the Humanities Research Centre, ANU.

Professor Hassan has published many articles and is well known for books such as *Radical Innocence: Studies in the Contemporary American Novel*, Princeton, 1961; *The Dismemberment of Orpheus: Toward a Postmodern Literature*, Oxford UP, 1971; *The Postmodern Turn: Essays in Postmodern Theory and Culture*, Ohio State University, 1987. His latest work is *Selves at Risk: Forms of Quest in Contemporary American Letters*, University of Wisconsin, 1990.

Visiting Australia as part of the HRC's program on biography and autobiography, Professor Hassan is pursuing an interest in travel literature. This develops out of his own migrations, represented in *Out of Egypt: Fragments of an Autobiography*, Southern Illinois University, 1986.

Professor Hassan will lecture at 2.30 pm on Friday August 3 in Lecture Theatre 5 (Pentagon) on *Travel and Autobiography in Cross-cultural Perspective*.



Schools Day organised by Department of Languages

Some 250 students of French, Italian and German attend workshops

ON FRIDAY June 22 the Department of Languages held a Schools Day for students in years 11 and 12 who are studying French, Italian and German.

The day was convened by Dr Brian McCarthy from the Department of Languages at the University of Wollongong together with Mr Galagher, the Language Master at the Illawarra Grammar School, and the President of the Illawarra Branch of the Modern Language Teachers Association.

Approximately 250 students attended the day-long series of workshops. As well as local students, students from the Nowra/Bomaderry, Southern Highlands and Southern Sydney areas attended.

Some workshops were aimed specifi-

cally at HSC students and covered areas such as speaking, writing and listening skills and an exploration of the 'options' section of the HSC language section which involves study in areas such as song, literature, film and commerce.

Other workshops were aimed at senior language students more generally.

The workshops were run by local high school language teachers and advisers from the Education Department.

One of the guest speakers was Ms Jane Zemiro, a lecturer from the Sydney Institute of Education, who spoke on reading and writing skills in French.

The Schools Day was very successful and the Department of Languages plans to repeat the event next year.

'Grand Rounds' at Nashville

THE DIRECTOR of the Division of Child and Adolescent Psychiatry at Vanderbilt University, in Nashville, Tennessee, has invited Dr Philip de Lacey to give a Grand Rounds. This is American medical jargon for a colloquium. The subject is his research in enrichment programs for young children from cultural minorities and children at risk, carried out in New South Wales, Queensland, the Northern Territory, the United States and Canada. A recent extension of this work deals with some biochemical differences between various groups of children; and one recent project is concerned with boosting low, non-anaemic body-iron levels in some minority-group rural children. The literature suggests that low iron levels are associated with impaired attention and concentration. The cause is not known, but a possible dietary and genetic interaction is being explored. Dr de Lacey will also present papers at universities in Guam, Saskatchewan, Georgia and Guadalajara, Mexico, as well as two papers with Canadian associates, at the International Association for Cross-Cultural Psychology in Nara, Japan, later this month.



Dr Chen Xiangyang working with Professor Gerald Nanson

Quaternary Environmental Research Program expanding

Chinese geographer to work with Professor Gerald Nanson

THE QUATERNARY Environmental Research Program, headed by Associate Professor Gerald Nanson, Department of Geography, has appointed a Research Associate, Dr Chen Xiangyang, to assist the expansion of the program.

Dr Chen graduated in 1982 with a BSc from the Geography Department of Beijing University, and obtained his PhD in 1989 from the Department of Biogeography and Geomorphology at ANU. His PhD project was carried out at Lake Amadeus in Central Australia, concentrating on groundwater hydrology and the hydrological and sedimentary history of that playa lake. He subsequently worked for a year with Professor John Chappell, ANU, on the dating of gypsum crystals, which are common deposits in Australian arid and semi-arid lake basins.

Dr Chen's expertise in arid and particularly arid lacustrine environments will be used to extend the program's interests in quaternary environmental history to the arid lakes of Central Australia. This will provide a useful extension of the existing work on the long-term change in river systems by Professor Gerald Nanson and Dr Colin Woodroffe, and will also complement the studies of more recent vegetational change and Aboriginal pre-history by Ms Toni O'Neill and Dr Lesley Head.

The lake sediments can be dated and used as indicators of environmental change over a period as long as the past half-million years. It is hoped that Dr Chen may also contribute to the environmental history being undertaken on the northern tropical rivers of Australia.

Postgraduate students in universities and colleges

THE NUMBER of postgraduate students in Australia's universities and colleges rose steadily from 50,000 in 1980 to 70,000 in 1989, reports Mr Peter Baldwin, the Minister for Higher Education and Employment Services. The rise is featured in *Postgraduate Students*, the fifth report in the Department of Employment, Education and Training's Higher Education Series.

Mr Baldwin continues, 'The report clearly shows that the postgraduate share of enrolments has been maintained over the 1980s.... There is no basis for fears that students have turned away from postgraduate courses'.

The report notes that the bulk of postgraduate students are in arts, business education and science, the same broad fields of study which attract the bulk of undergraduate students.

'It is encouraging to see that the number of female postgraduate students increased by a dramatic 75 per cent over the 1980s', the Minister comments. 'In 1989 nearly 50 per cent of postgraduate students were female, compared to less than 40 per cent at the beginning of the decade'.

The Friends

Welcome, old friend!

YOU MAY THINK you recognise the Friends' new executive officer. You probably do.

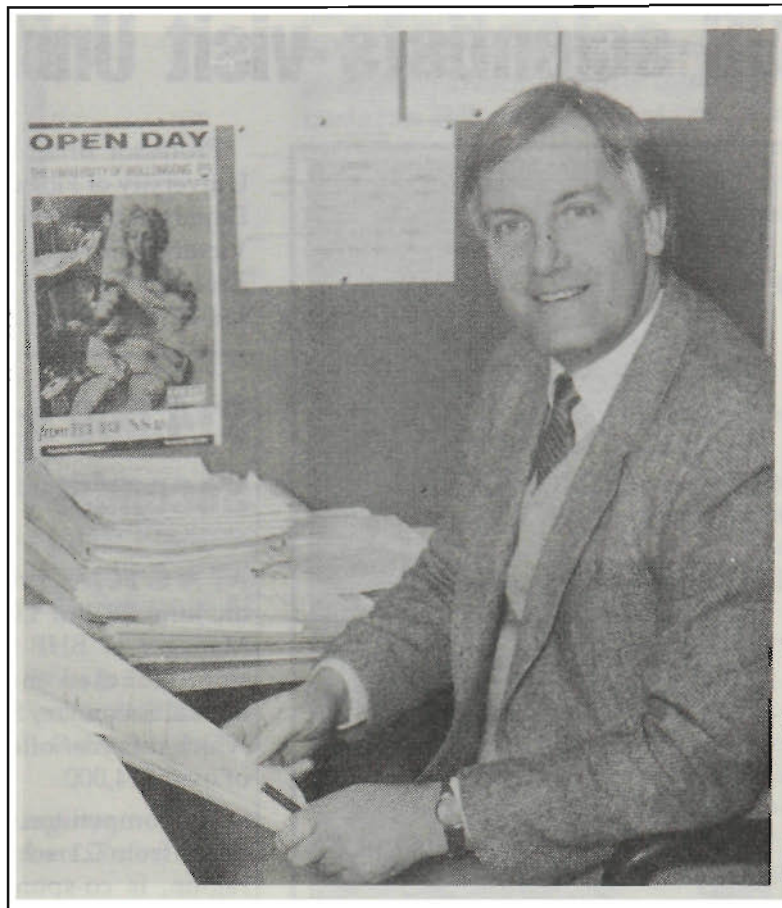
Graeme Gilbert is never surprised when people do a double-take on catching sight of him or hearing his name. He's been in radio and television quite a few years now.

In recent years, his might have been the first voice you heard each day as he presented the morning news on Radio 2-Double-0. He was news editor as well as news reader. He has presented news on WIN-TV, too, and talk-back radio in Sydney, Melbourne, Adelaide and Brisbane.

Increasingly, Graeme's responsibilities have embraced public relations work and he believes it is this skill that will be most useful to the Friends.

'The Friends present an ideal public image for the University,' he says. 'People need to be made aware of the significance of the contribution the University of Wollongong makes to society, both academically and financially.'

At the moment, Graeme is working on a traditional Open Day schedule on behalf of the Friends, but his longer-term aim is to broaden their scope as 'good friends, close relations' of the University.



Government's Energy Research Program evaluated

THE MINISTER for Resources, Alan Griffiths, released on July 3 a report carried out by a team of consultants headed by Professor Ron Johnston of the Centre for Technology and Social Change at the University of Wollongong on the evaluation of the National Energy Research, Development and Demonstration program. He said, 'The program has been in operation for 12 years and it is timely for its achievements to be assessed. Since its inception, the program has provided \$256 million to some 1500 research projects. The report's finding that the program has made a crucial contribution to the development of a strong national energy research capability is a confirmation of the value of the Government's energy policy.'

'The program has broken new ground by successfully combining the promotion of excellence in research and development (R&D) with a mission orientated approach and this was recognised by the consultants.'

'The program has been able to steer Australia's energy research effort in sensible and necessary directions. It has stimulated productive interaction within industries, most notably the coal industry, as well as between researchers and industry.'

'The report did identify some areas where the program has been less successful, such as evaluation of the implementation of research results, but I am

confident the new Energy R&D Corporation will address these problems when it commences operation on July 2.'

The consultants have proposed more regular revision of the strategic objectives of energy R&D sub-programs, establishment of an energy R&D intelligence capability and a major upgrading in the commitment to achieving effective technology transfer of the results of the Program.

Finalists in 1990 Career Woman of the Year Award

PROFESSOR CHRISTINE EWAN, Foundation Dean of the Faculty of Health and Behavioural Sciences, was one of five grand finalists in the 1990 Career Woman of the Year Award, sponsored by the Business and Professional Women's Clubs of the Illawarra.

Indicative of the University's growing influence in business and the professions in the region is the fact that four of the five finalists, including the winner, Majella Fowler, have a substantial link with the University.

Majella is currently enrolled part-time as a BA student, majoring in psychology.

Of the other finalists Mary Franks, a graduate in journalism from Charles Sturt University, Bathurst, and currently senior news anchor at WIN-TV Wollongong, graduated BA (Hons) in English from the University of Wollongong in 1988. Another grand finalist, Jennie Dransfield, is currently enrolled part-time in the Graduate Diploma in Commerce.

A previous winner, Sue Chapman, was at the time of entry Personnel Manager at the University of Wollongong, and is now a member of our Council.

US scientists visit University



Dr Jack Putz and Dr Ros Muston examine a disturbed area of Water Board Catchment, the subject of a research project in the Australian Flora and Fauna Research Program, aimed at uncovering the factors inhibiting natural regeneration

IN THE PAST MONTH, two biologists from the University of Florida have made visits to the University to work with members of the Australian Flora and Fauna Research Program.

Dr Jack Putz, an Associate Professor in Botany at the University of Florida in Gainesville, USA, came here to learn about ecological research currently being conducted in the Illawarra area, including the effects of disturbance to rainforest in the Helensburgh area and revegetation of disturbed land in the Water Board catchment areas. His own research, although based in other parts of the world, parallels that of several members of the Australian Flora and Fauna Research Programs, providing great relevance for his seminar in the Biology Department on disturbance and the structure of tropical rainforests.

Professor Brian McNab is also at the University of Florida, but in the Zoology Department. He is on sabbatical leave at Victoria University in Wellington, New Zealand, where he is studying metabolic rates in flightless birds. This research area

– physiological ecology – links the interests of members of the Australian Flora and Fauna Research Program, and is of special relevance to the work of Associate Professor Hulbert and several post-graduate students. This Research Program joined the Biology Department both here and at the Universities of Sydney and New South Wales to support Professor McNab's brief lecture tour to Australia.

\$14,000 in prizes to be won in BHP Collieries Secondary Schools' Competition

AT A SPECIAL presentation conducted on June 28 Jim Lewis, Group General Manager of BHP Steel Collieries Division, launched the Division's popular annual Secondary Schools' Competition, which this year offers prizes to the value of over \$14,000.

The competition, which is open to students from 21 schools in the Illawarra region, is co-sponsored by BHP Steel Collieries Division and Ansett Airlines, in conjunction with the Key Centre for Mines, in the University of Wollongong.

'As in the past three years, the competition is aimed at fostering a better understanding of the Australian coal industry among students and the important role it plays in the prosperity of the Illawarra region and the nation,' Mr Lewis said.

The competition invites secondary students to prepare either an Essay, Poster or Model on any of five topics:

1. The importance of coal in Australia's national development;
2. The history of coal mining in the Illawarra;
3. Coal from formation to utilisation;
4. Methods for improving productivity in coal mining;
5. The importance of coal in the making of steel.

Mr Lewis continued, 'It also encourages students to examine the industry as a career path and broadens their knowledge of engineering and science'.

Students have until Friday August 10 to submit their entries to the Key Centre for Mines at the University of Wollongong.

Professor Charles Gerrard, Director of the Key Centre and one of five judges for the competition, said, 'The University of Wollongong, pleased to be part of this successful and popular competition again, will also be the venue on Sunday August 26 for a special presentation, luncheon and announcement of competition finalists and winners.

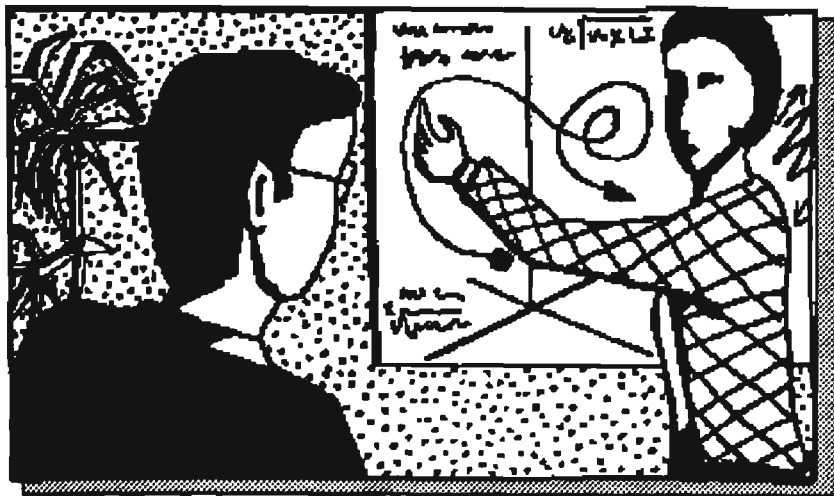
'As this is also the University's Open Day, it will be an ideal opportunity for students and their parents to view all competition entries in a special display, and also inspect other facilities at the University.'

This year, overall winners of the Essay, Poster and Model sections and their teachers will win a two-day BHP Coal Chain excursion throughout the Illawarra, inspecting an underground coal mine, a coal washery and the steelworks before flying to central Queensland, courtesy of Ansett Airlines, where they will inspect one of BHP-Utah's giant open-cut coal mining operations and the export coal loader at Mackay. The trip will conclude with two days relaxing on South Molle Island in the Whitsundays.

A special prize of \$2,000 worth of computer equipment will be presented to the school demonstrating the most interest in the competition, which does not necessarily mean the largest number of entries. Numerous book prizes to the value of \$100 will also be presented to finalists in each category from years 7 to 8, 9 to 10 and 11 to 12.

Women's Issues Group

THE SECOND meeting of WIG, held on June 26 in the Boardroom of the Union Building, was a most enjoyable and rewarding evening. We were both entertained and stimulated by Dr Winifred Mitchell's talk on *Old Fashioned Feminism* and the discussion which followed was lively and informative. After a short break for refreshments and chat, there was a review of Ms Miranda Baker's time spent learning to play the bagpipes – a hobby which is not taken up by many girls but one which Miranda has found suits her very well. The short tunes she played were extremely well received. The Door Prize was won by Judy Edmond.



Staff Roundup

Current vacancies

Application closing dates are indicated in bold type.

Lecturers in Computer Science – Continuing Appointment or Limited Term – five years (convertible). Reference AC 90-30, **July 20**

Teaching Fellow in Computer Science – Contract Appointment – four years. Reference AC 90-31, **July 20**

Teaching Fellow in Economics – Contract Appointment – four years. Reference AC 90-32, **July 20**

Lecturer in Physical and Health Education, Policy & Technology Studies – Contract Appointment – two years. Reference AC 90-33, **July 20**

Senior Lecturers or Lecturers in Law – Continuing Appointment or Limited Term – five years (convertible). Reference AC 90-34, **July 20**

Teaching Fellow in Management – Contract Appointment – four years. Reference AC 90-35, **July 20**

Further details from Ross Walker, ext 3934.

Expressions of interest from graduates in Metallurgy, Materials, Physics, Chemistry or Engineering are sought for Research in Materials Science and Engineering. Further details from Professor W Plumbridge, ext 3012.

Research Funds

The sources of research funds given below are available to members of academic staff. Further information, including application forms, may be obtained from Lyndal Manton (ext. 3201). Intending applicants are reminded that all research applications must be forwarded through the Office of Postgraduate Studies

National Health & Medical Research Council

The NH&MRC has invited applications for the following fellowships:

Australian Applied Health Sciences Fellowships

The purpose of the fellowships is to provide training in scientific research methods, including those of the social and behavioural sciences, which can be applied to any area of clinical or community medicine. The Fellowship is awarded for four years, two of which must be spent at an institution other than that where the applicants obtained their qualifications.

Years 3 and 4 will be spent at the institution through which the applicants applied for the Fellowship.

Australian Postdoctoral Fellowships

The purpose of the fellowships is to provide a vehicle for training in basic research within the biomedical sciences in Australia. Fellows will spend two years at an institution other than that at which they obtained their doctorate; they will then spend Years 3 and 4 at the institution through which they applied for the Fellowship.

C.J. Martin Fellowships

C.J. Martin postdoctoral fellowships enable fellows to work overseas on specific research projects within the biomedical sciences for two years. On return to Australia CJ Martin Fellows are committed to a further two years research at the institution through which they applied for the Fellowship.

Neil Hamilton Fairley Fellowships

The purpose of the fellowships is to provide training in scientific research meth-

ods, including those of the social and behavioural sciences, which can be applied to any area of clinical or community medicine. Fellows will spend two years overseas and on return to Australia are committed to a further two years at the institution through which they applied for the Fellowship.

Applications for all the above close with the University on **July 20**.

Sir Colin and Lady Mackenzie Trust Award

Post-Doctoral Fellowship in Comparative Anatomy

The award is for two years study to be undertaken at a medical school in Australia to investigate homologies and analogies between the anatomy of animals and humans.

The University closing date is **July 20**.

New South Wales Rhodes Scholarship 1991

Applications for the NSW Rhodes Scholarship are being called for. Applicants must be between 19 and 25 years and have obtained a degree (preferably Hons) by October 1991. They should also be involved in sport and some community activity.

The University closing date is **July 20**.

Rural Women's Access Grants (RWAG)

Applications are being called for in the area of improving the access of women in rural areas to education, training, services and employment. This can be in many different forms, from actual provision of services to creating data bases of information.

The University closing date is **August 3**.

Previously Advertised

Closing Date

Australian Academy of Science	
International Exchanges	various dates
Elizabeth White Research	
Conferences	July 17
Wool Foundation Production	
Research	July 20
APEX Research Mental	
Retardation	July 20
ARC APRA Industry Awards	July 13
Arthritis Foundation of Australia	July 20
Worksafe Australia Research	
Grants	July 20
PHRDC Fellowships and	
Scholarships	June 22
Adolf Spivakovsky Scholarship	July 27
AIDS Research Training Awards	August 3
RADGAC – Intellectual	
Disabilities and Carers Research	
Grants	August 3
St John's College, Cambridge,	
Benians Fellowship	August 18
Nuffield Foundation	
Fellowship	August 31

Invitation to provide research in the area of equal opportunity

The Office of the Director of Equal Opportunity has a central agency role in undertaking and promoting research into a number of areas associated with equal opportunity employment.

Of particular interest to the Office is research relevant to the development of the EEO program, especially

- into discrimination in employment and employment issues relating to members of EEO target groups, and
- into human resources management and industrial relations systems and practices which have an impact on EEO target groups.

Data from the 1985 and 1990 EEO Surveys of employees in the NSW public sector and universities is held by the Office and is available to researchers for approved research projects.

Contact your EEO Co-ordinator
Dr Peg MacLeod on ext. 3917, or
Mrs Faye Franklin on ext. 3030,
for further information

Sport

Wallabies at University Oval

The Australian Rugby Union team trained at the University in preparation for the first test against France. Their picture appeared in *Campus News* for June 19.

The team arrived in Wollongong on June 6 to prepare for the first test against France. They trained at University Oval. Initially they were to train at Stuart Park but they required the University Rugby Union Club's scrum machine – the only one of its kind in the region, which cost over \$5,000.

Dr Paul Webb, president of the club and senior vice-president of the Illawarra District Rugby Union, negotiated with Paul Manning and David McGoldrick of the Sport and Recreation Association and

received the support of Professor McKinnon. The Australians used the facilities for three days.

The wet conditions meant the western end of the Oval was waterlogged and the Australians used the eastern side of the ground.

There were many interested spectators and media people for the two training sessions a day and the locals also became involved when the Illawarra representative forward pack had a session against the Australians. Three University players were involved: Mark Giacherri, Walter McDonald and Andrew McKenzie-Wood.

The three days were a resounding success. As everyone by now knows, Australians won the test 21-9. The University Rugby Union Club immediately began negotiating for their return before the third test.

Mark Giacherri is the University Rugby Union Club's first Australian representative for 20 years. He was selected for the Australian Under 21 team to play New Zealand Under 21s as a curtain-raiser for the third test. This follows his other outstanding achievements: Australian Institute of Sport Scholarship holder, NSW Country, NSW Under 21 and Illawarra

What's on

Romantic evening with Pam Ayres

at the Performing Arts Centre on Monday
July 30 at 8 pm

PAM AYRES, England's queen of comic verse, is making her sixth Australian tour in July and August, when she performs her new show, 'A Romantic Evening with Pam Ayres'.

The most popular poet of the TV generation, she will present a unique and humorous look at love and romance. She devised the intimate and highly acclaimed new production in collaboration with her English pianist and musical director, Clive Fishlock, who will accompany her.

Pam Ayres' very successful career was launched in 1975 when she appeared on the television show *Opportunity Knocks*. Her highly original brand of poetry and wittily perceptive view of life have delighted audiences throughout Britain and around the world.

Since those early days, she has appeared on virtually every major TV light enter-

tainment show in Britain, has hosted her own program and has taped Christmas TV specials in Hong Kong and Canada.

She has published five books of poetry and five children's books. She has also recorded five albums and recently completed 'Piggo', a new series of eight children's stories which the BBC is televising as an animated series.

The 'Piggo' series of stories is due to be released by Octopus Books in Australia

Research 'clawback' ends

THE MINISTER for Higher Education and Employment Services, Peter Baldwin, announced on July 2 that there would be no further transfer of university operating funding to the Australian Research Council (ARC) after 1991.

The transfer, commonly referred to as the 'clawback', was announced in 1988 in the Government's White Paper on higher education. The policy aimed to increase the resources available to the best researchers by transferring annual amounts reaching \$65 million in 1991, from the general funds of universities to the ARC. The ARC would then reallocate the funds on a competitive basis for research projects and other research activities.

Although \$65 million represents only about four per cent of their operating grants, the universities have expressed concern about the reduction in the funds left to them for discretionary spending.

The policy was reviewed at the Government's request by a joint ARC/Higher Education Council working party.

Mr Baldwin said he accepted the working party's recommendation that there should be no additional transfers to the ARC after 1991, and that the amount of transfer in that year (\$65 million per year in December 1987 prices) should continue as the base funding for the ARC.

He also said that the transfer had dramatically boosted the ARC's ability to fund high quality research and research training in Australia. 'The transfer, together with the additional resources provided in the May 1989 Science and Technology Statement (\$107.5 million for research infrastructure and over \$30 million for postgraduate awards over the 1990-92 triennium), will increase the ARC's annual budget to over \$200 million in 1991, virtually doubling the 1989 level'.

Great value
SKI TRIPS

Sunday August 12 to Friday August 17

\$295 (includes transport,
accommodation, meals)

Friday August 31 to Sunday September 2

\$199 (includes transport,
accommodation, meals, ski hire)

Friday September 7 to Sunday September 9

\$189 (includes transport,
accommodation, meals, ski hire)

Contact Sharon at RSA, tel. 28 1266 or ext.
3361/3362

The University of Wollongong Union

Annual Acquisitive Art Award

'1990 Works on Paper'

Union Week

August 27 to 31

Prize money of \$1,000 will be divided into
two Acquisitive Awards – one of \$700
and one of \$300.

Entry forms available from the Union Office

Friendship Family Scheme

The Illawarra Committee for Overseas Students – a voluntary organisation – is seeking to establish a network of Australian families who will offer hospitality to overseas students studying at the University of Wollongong.

The aims of the scheme are

- to promote cultural exchange and friendship
- to introduce overseas students to the Australian way of life.

We are looking for families who have a genuine interest in meeting

overseas students and making them feel welcome.

The sort of hospitality we are looking for would include asking a student home for a meal, to join the family for a barbecue or to accompany the family on a picnic or outing.

If you are interested and would like to know more about the scheme, you should either complete the slip below and send it to ICOS office (PO Box 1144, University of Wollongong, NSW 2500) or phone Wendy Jabri, 27 0158 or Diana Wong, 27 0173.

Please send me more information about the Friendship Family Scheme

Name _____

Telephone _____

Address _____

_____ Postcode _____

Australian Institute of Jewish Affairs

A TWO-DAY international colloquium is to be held at the Southern Cross Hotel, 131 Exhibition Street, Melbourne, Victoria on August 12 and 13 on Enlightenment and counter-enlightenment in Jewish life; the contemporary agenda in historical perspective

The colloquium will provide a forum for learning and discussion as well as serving as an outstanding opportunity to hear scholars of international repute exchange viewpoints and debate matters of serious concern to modern Jews.

Among topics to be discussed are: religious and secular foundations for morality; the dialogue between Judaism, the World Council of Churches and the Vatican; the 'Who is a Jew' controversy in Israel; and counter-enlightenment trends in other religions as a new source of anti-semitism.

Participants will include Professor Yoram Dinstein, Pro-Rector of Tel Aviv University, Professor David Sidorsky, Professor of Philosophy, Columbia University, New York, Dr Alfred Gottschalk, President Hebrew Union College – Jewish Institute of Religion, Cincinnati, Ohio, Professor Leon A. Feldman, Professor of Hebraic Studies, Rutgers-State University of New Jersey, Chief Rabbi Lord Immanuel Jakobovits, Chief Rabbi of the British Commonwealth and Professor Asa Kasher, Professor of Philosophy of Language, Tel Aviv University.

Seminars

School of Creative Arts

Postgraduate series seminars, which are held in the Music Auditorium, Building 24, from 4.30 to 6.30 pm, are open to the public and admission is free.

Thursday August 2: *Identity and difference in Australian arts 1.* Australian composer Vincent Plush has actively embraced a search for national identity in his work and will join *Sydney Morning Herald* art critic Christopher Allen in an open forum discussion.

Enquiries to Dr Andrew Schultz, Director, Postgraduate Studies, School of Creative Arts (042) 27 0985.

Equity in Education program

Meetings will be held in Building 21.104 at 4.30 pm.

The Equity in Education Program is holding regular meetings which will include reports from research projects. These reports will focus on the research process (specific problems, research design and so on) and aim to provide a forum for sharing research experiences and exchanging ideas. They will not be formal presentations – the emphasis will be on interaction and discussion with colleagues. Researchers outside the program are invited to attend to foster interdisci-

plinary research and scholarship as well as to facilitate information exchange. The regular Equity in Education Program meeting is scheduled for 4 pm and members/associate members are asked to be in attendance at this time.

Friday July 27: Deslea Konza and Ron King, *Cognition and IM students*

Friday August 10: Noeline Kyle, Ron King, Jan Wright and Jan James, *Women and non-traditional study at the University of Wollongong*

Enquiries to Associate Professor Noeline Kyle (042) 27 0374 or Jan James (042) 27 0078. Coffee/tea provided.

School of Learning Studies

Gender and Education Unit Seminars are held in Building 21.104 at 4.15 pm on Fridays (unless otherwise indicated).

July 20: A. Wonghkalang, PhD student, SLS, *Adolescent girls and teenage pregnancy: a view of sex education in schools*
Tea/coffee provided at all seminars. Enquiries to Associate Professor Noeline Kyle (042) 27 0374 or Jan James (042) 27 0078.

Department of Materials Engineering

Seminars to be held jointly with the Wollongong University Student Chapter of the Metallurgical Society on Tuesdays from 4.30 to 5.30 pm in Room 1.134 (un-

less otherwise specified). Enquiries to Associate Professor D. Dunne, 27 0014.

July 17: Dr R. Smith (BHP SPPD), *Slab casting*

July 31: Dr D. Willis (BHP CPD), *The metallurgy and technology of continuous annealing*

August 14: Dr K. Snowden (ANSTO), *Creep and fatigue at elevated temperatures.*

New Literatures Research Centre

Friday August 3 at 2.30 pm in Building 19.1083: Professor Ihab Hassan, *Travel and autobiography in cross-cultural perspective.* All welcome.

Department of Physics

July 19 at 12.30 pm in Building 18.118: Dr Grant Griffiths, CSIRO Division of Radiophysics, *iii-v Heterostructure Device Development*

Social and Psychological Health Research Program

Seminars are held on Tuesdays in room 19.1056 from 12.30 to 1.30 pm.

August 7: Alan Avery, *Health ecology model of health and health care*

Advertisements

Sale by Tender

The University has the following items for sale by tender:

One only Coulter Counter Particle Sizer Model ZM
One only Tektronix Computer Terminal Type 4006-1
Two only Tektronix Computer Terminals type 4010-1
One only Tektronix Computer Hard Copy Unit Type 4631

Only one Perkin Elmer Computer 7/32

One only Perkin Elmer Computer 32/30 with 80 m Disc Drive.

The University offers no guarantee on these items. Terms of sale are by cash or bank cheque. Enquiries to Dr J Montagner (042) 27 0487 or Mr T Kent (042) 27 0597.

Tenders close 11.30 am, July 23.

Tenders should be placed in a sealed envelope addressed to Office Services, The University of Wollongong, PO Box 1144, Wollongong, 2500 and noted 'Tender for Computer Equipment'.

House wanted for rent

Furnished house in the Bulli, Thirroul, Austinmer area wanted for overseas visitor for four to six week period any time between August 1990 and March 1991. Contact Dr Rob Whelan, Biology, tel 27 0442.

For sale

Toyota Corolla 1981 reg no ODE 626, five-speed, four-door sedan, very good condition, lady owner, \$4,800. Tel 29 5228.

Room to rent

Are you a single, non-smoking female willing to pay \$60 rent a week + food + expenses? You could be just what we are looking for. We rent a three bedroom house in Mt St Thomas, are both professionally employed and study part time. Your room would come with the option of a single bed and a built-in wardrobe. If you can cook a little, and don't live like a slob, call Janette on ext. 3336 or, after hours, 29 7680.

House to let

Thirroul, three bedrooms, part furnished or unfurnished, available mid July to mid December. \$160 p.w. Tel Roger Hughes, 83 1188.

WOMEN'S ISSUES GROUP

The next meeting of WIG will be held at 7.30pm on Tuesday July 24 in the Board Room of the Union Building, the University of Wollongong

PROGRAM

Coping with Catastrophic Illness

Speaker Dr Peg MacLeod

Refreshments and a door prize

For Goodness Sake – Compost

Speaker Steve Popple,
Wollongong Botanic Gardens

ALL WELCOME

\$2.50 a head

Arrangements for the meeting were made with the assistance of the Friends of the University

Enquiries to Moira Bowman, tel 84 3741