THE UNIVERSITY OF WOLLONGONG
CAMPUS NEWS

Distributed each Tuesday | Deadline for copy noon Monday of previous week | Editor: George Wilson, tel. (042) 270926

12 August 1986

UNI IS NOW A TOP GROWTH INDUSTRY

The University was described in a full-page article in ***The Sunday Telegraph*** on August 3 as having become one of the area's biggest growth industries. Author of the article, Brian Surtees, was briefed by staff of Publicity and Information. Among the points made were that the University's 'combined workforce of 8407 students and staff make it second only to BHP, with 12,800 on the payroll.

'And spending by the university, staff and students generates more than $50 million in sales of goods each year, according to John Steinke, Dean of the Faculty of Commerce.

'These figures illustrate the amazing growth that has taken place since its forerunner, a university college, opened in Wollongong in 1962 to add a new dimension to a city best known for its coal mines, steel and magnificient scenery.

'From humble beginnings in that first year, when only 308 students attended, the university now boasts 7457 students, with 7600 expected next year.

'This year there were 682 overseas students studying at the university. They come from Africa, America, Asia, Oceania, Europe and Malaysia.

'Increasing numbers of students are coming from Sydney (about 40 per cent) because the metropolitan universities have reached their optimum size and because of its growing reputation, Wollongong is being seen as a valid alternative.

'The university also has been able to respond to government initiatives to increase opportunities for young people and the disadvantaged.

'However, this increase in numbers has put considerable strain on resources because the university is not adequately funded for building or operating expenses, staff say.

'The university will continue to press for more government funds and to place high emphasis on building better links with industry and the community and attracting increasing levels of resources from outside bodies.

'Uniadvice, the consulting company for the university, which aims to link the needs of the community with the academic skills and research facilities of the university, turned over $485,000 last year and expects that figure to rise to $600,000 this year.

'Its work is funded through private enterprise or government-sponsored research.

'The university also has been able to build its links with the community through the Friends of the University which now has 700 members.

'The Friends have raised money and attracted gifts and donations for the benefit of the University.

'Last year, the Friends raised $150,000 through cash, kind and service.

'Community involvement with the University is available in other areas as the barriers and mystique, real or imagined, are gradually broken down.

'Summer session courses (general interest and credit), a Centre for Multicultural Studies, TASC (Centre for Technology and Social Change), Union activites, which include low cost movies, concerts and guest speakers and creative activities are other avenues open to the community.

'The university has the highest percentage of part-time students of the 19 universities in Australia, other than those teaching by correspondence.

'When the current and projected building program is completed more than $108 million will have been spent on capital works.

'This year the Univeristy welcomed 267 new staff members, the biggest turnover in its history.

Despite this high turnover two long serving academics remain. They are Associate Professor W. Upfold and lecturer Mr A Segal, both of whom have been associated with the University since 1955.'

CONSERVATORIUM OF MUSIC SCHOLARSHIPS

The Wollongong University Conservatorium of Music is moving to implement the BHP Steel Sponsorship for the Conservatorium Training Orchestras. This exciting project has been made possible by a generous grant from BHP, and it is anticipated that it will become the focus of a significant musical development in the Illawarra region.

Overall responsibility for the project will be taken by the Conservatorium Orchestral Executive, consisting of Mr James Powell, Principal of the Conservatorium; Mr Adrian

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At the inauguration of the BHP Steel Sponsorship Scheme: Alderman Bevan Fermour, representing the Friends of the University, Mr James Powell, Principal of the Conservatorium, and Mr Jerry Ellis, General Manager of BHP Wollongong

General Notices

DISTINGUISHED VISITORS FOR ONE–DAY SEMINAR ON PEACE STUDIES

Two distinguished overseas scholars will give talks at the seminar on Peace Studies to be held at the University of Wollongong on August 19. David Aspin, of King's College, London, will discuss the nature of Peace Studies. Barbara Wien, of the World Policy Institute, New York, will introduce international perspectives on the teaching of Peace Studies in tertiary institutions. A third prominent speaker, from the Peace Education Project in Perth, Vanessa Letham, will discuss the teaching of Peace Studies in secondary schools.

The seminar has been organised by the University's Working Party on Peace Studies which is currently formulating proposals for a peace studies program at this University. Morning sessions of the seminar will deal with the general issue of what constitutes Peace Studies, whether 'Peace Studies' is the most appropriate description of the area of interest, and how it is best taught. The morning sessions are open to the general public and staff and students of the University.

The afternoon of the seminar will be devoted to discussing the Working Party's proposal for introducing Peace Studies at this University. The afternoon session will be of special interest to staff and students of the University.

Provisional Program: 10 am Introductory remarks – Jim Falk; 10.15 Peace Studies Internationally – Barbara Wein, Guest Address and Discussion; 11 morning tea; 11.15 The Nature of Peace Studies – David Aspin, Guest Address and Discussion; noon Peace Studies in the Secondary Schools – Vanessa Letham, Guest Address and Discussion; 12.45 Initial presentation of Working Groups proposals; 1 Lunch; 2 Panel and Participants Discussion: Peace Studies at Wollongong University; 3.30 close.

A NATIONAL FORUM

Australian Academy of Science; Australian Academy of Technological Sciences; Federation of Australian Scientific and Technological Societies; The Institute of Engineers, Australia.

6 and 7 November 1986 at J. Ellerton Becker House, Edinburgh Avenue, Canberra.

For further information: Lee Rydstrand, The Institution of Engineers, Australia, 11 National Circuit, Barton, ACT, telephone (062) 733633.

COMPUTER COURSES FOR CHILDREN

The Faculty of Education at The University of Wollongong is once again offering computer courses for children during the coming August–September school vacation. The courses cater for 7 to 14 year olds, and for both the beginner and those with some computer experience.

Details about these courses and registration forms may be obtained from Mrs Dorothy Taylor in the Faculty, ext 3969. Applications for children to attend the courses close on Friday August 15.

PETER WOOD – A NEW POSITION

Mr Peter Wood has been appointed University Assistant Secretary, Academic Services. He is 39. The position is newly created following the division of Academic and Student Services into two branches of Academic Services and Student Services.

Peter has worked in several areas of University Administration since 1974, mainly in Student Administration, Planning and Development and the Academic Secretariat. Before coming to the University of Wollongong he was a secondary school mathematics teacher.

ROBERT CASTLE, SENIOR LECTURER IN ECONOMICS, ENTERS THE DEBATE ON DEREGULATION

In recent years calls for deregulation of various industries and sectors have become a major feature of economic and political debate. Labor and the Coalition parties have both made the running in calling for deregulation of certain areas of economic activity. The Labour government has concentrated on deregulating financial markets while the Coalition has focused, as very much of a key issue, in deregulating the labour market.

In the July issue of Sydney University's ***Current Affairs Bulletin,*** Mr Robert Castle, Senior Lecturer in the Department of Economics here at Wollongong University, has displayed a good deal of courage – and skill – in writing an in-depth analysis of the deregulation debate.

In his article, which has been 'picked up' from ***CAB*** by the ***Sydney Morning Herald*** and ***Australian Associated Press,*** Mr Castle discusses the economic and social arguments for deregulation as well as the reasons for intervention by the state, and reviews the effects of the Prices and Incomes Accord on the debate.

CONSERVATORIUM SCHOLARSHIPS

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Falk, Lecturer in Cello at the Conservatorium; and Mr David Vance, University Music Development Officer.

The BHP project has made possible the offer of six scholarships for the study of oboe, bassoon, french horn, trombone and percussion.

The woodwind and brass instruments will be provided to the successful applicants for these scholarships, which will run for three years.

As recorded in ***Campus News*** for May 27 last, the purpose of the scholarships is to facilitate the development of a Conservatorium Symphony Orchestra to be known as the BHP Steel Training Orchestra. To this end, the existing Training Orchestra will be reorganised. The Junior Orchestra will be expanded to provide elementary orchestra experience for young string players. The Training Orchestra, which comprises more advanced players, will also be expanded to provide the base for the development of an advanced string chamber orchestra.

With the resignation of Mr John Stender, after four years of enthusiastic service with the orchestra and chamber music activities, the Principal, Mr James Powell, has announced the appointment of Mr A. Falk as resident conductor to oversee the next stage in the development of the string orchestras. Mr Falk is a professional cellist and conductor with wide experience in all form of orchestral music. As occasion arises, the Orchestral Executive will also give students the opportunity to work with selected guest conductors.

Application forms for auditions for the scholarships are available from the Conservatorium Office (ph 281122). Applications close on August 22. It is hoped that applicants will satisfy the following general requirements: approximately 14 years, or older; experience on piano to 5th grade, or higher is desirable; previous experience with woodwind or brass or percussion is an advantage, although not essential.

Applications are also invited from string players of all ages and degrees of ability, to audition for positions in the string orchestras.

For further information contact Mr James Powell 270533.

OPEN DAY SUNDAY OCTOBER 12

The Vice-Chancellor in consultation with the Open Day Committee has agreed that Open Day will go ahead on Sunday October 12.

Arrangements will be different this year as the commercial interests of Expo will be absent, due to space and current building and site works program.

The University has provided a budget which will ensure adequate advertising coverage, and public interest in University exhibits is therefore guaranteed.

Sunday has always been the better-attended of the two weekend days so the Committee has chosen to run Open Day one day only this year to keep costs down.

Departments and Schools were circulated on July 24 by the Chairman of the Open Day Committee with the aim of establishing what events and displays will be organised by departments, and what contributions from the Open Day budget are required.

Professor Leon Kane-Maguire said that when replies are to hand a detailed plan for Open Day would be published in *Campus News,* as well as being widely publicised in local media.

Robert Castle's previous article in ***CAB*** was when, with co-author Professor Jim Hagan from the Department of History (also at Wollongong), he wrote on another important social and economic issue. Title of that article (in the issue for June 1985) was 'Can the Accord Survive'. The question is perhaps even more pointed today than it was then.

Wollongong University academics are in increasing demand by ***CAB's*** editors. Dr Philip Laird from the Department of Mathematics appears in the August issue as the author of an article entitled A Tale of Two Ports, which examines the consequences of the use of road, as distinct from rail, transport of coal between mines and the ports of Sydney and Port Kembla.

Philip Laird has long been interested in transport systems and his interest in railways is well known. He presented a paper about government railways in Australia at the comparatively recent 11th Australian Transport Research Forum in Darwin.

STUDENT HOUSING IN TASMANIA

Accommodation is available in the off-campus houses of the Tasmanian State Institute of Technology during the summer recess.

The seven off-campus houses are situated in the northern suburbs of Launceston, the second-largest city in Tasmania with a population of approximately 80,000. Launceston is well situated for use as a base to enjoy a holiday in northern Tasmania. Beaches, mountains and other scenic spots are within easy travelling distance. The city of Devonport is the port for the ferry ship 'Abel Tasman', which is little more than one hour's driving fram Launceston.

The off-campus houses are all fully self-contained, and all include off-street car parking, fully equipped kitchen, lounge/dining area, four separate furnished bedrooms (bring your own linen), separate bathroom and W.C. (bring your own towels), automatic washing machines.

Rent per week per house: $120 including power consumption. Deposit $100.

Enquiries: Mr R.R. Gregory, Institute Housing Officer, Tasmanian State Institute of Technology, PO Box 1214, Launceston, TAS, 7250.

Les Noffke

FAREWELL DINNER FOR LES NOFFKE

As many of you may already know, Les Noffke is retiring from the University after twelve and a half years of service. In his own very personable way, Les has made a very valuable contribution not only to the development of staffing policies, but also to the life and well-being of the University. It is only fitting that an opportunity be provided for Les to be farewelled in an appropriate manner.

On Friday August 15 at 7 pm (for 7.30 pm), we have arranged for a Farewell Dinner in Les' honour to be held in the University Union's Common Room. Dinner will be a three-course, sit-down affair, at a cost of $20 a head, which also covers the cost of wine and orange juice on the table during the meal. Hot and cold savouries will be served before dinner — the bar will be open. Bookings should be made to Jenny Jarman, University Secretary's Office on ext 3903 by Thursday August 7.

I hope you can join us, and look forward to seeing you at the dinner.

J.W. Langridge
Deputy University Secretary

SYDNEY UNIVERSITY FUNDING CRISIS

Vice-Chancellor of the University of Sydney, Professor John Ward, has been in the news these past couple of weeks with expressions of his concern at the deleterious effects of reduced university funding by successive governments. Professor Ward has called a meeting of all staff on Monday September 22 at which he hopes to present some propositions about the future of the university, especially in its academic and financial administration. The meeting will be held in the Great Hall at 1 pm. In his weekly article in ***The University of Sydney News*** dated July 29, Professor Ward wrote: 'The University has mostly passed the state at which savings can be made without damage to its academic fabric. It is now at the stage at which cost-cutting is not pruning, but slashing'.

George Wilson

Staff Office is now

known as

PERSONNEL SERVICES BRANCH

$ources of Funds

The following sources of research funds are now available to members of academic staff. Further information including application forms, where these are to hand, may be had from Ian Strahan on ext 3079 or Tom Moore on ext 3386. Intending applicants are reminded that all research applications must be forwarded through the Research Office.

The Deputy Vice-Chancellor (Academic and Research) Professor Ian Chubb, is happy to discuss aspects of application strategy, including design and presentation, with researchers. To render this process as efficient and productive as possible, intending applicants should first consult widely, for example, with their relevant Head(s) about the content of their application. They are then invited to send a full draft to Professor Chubb for comment before final typing. Please allow sufficient time for consultation and reference to the Research Office while meeting the closing date given by the funding body.

AUSTRALIAN DEVELOPMENT ASSISTANCE BUREAU

English Language Intensive Course for Overseas Students, $250,000

The Bureau requires the services of a managing agent or consultant who can assume full responsibility for the design and conduct of an English Language Intensive Course for Overseas Students (ELICOS) for Thailand. The proposed course would be of six months duration for thirty public officials with middle management positions and is planned to commence in February 1987.

Objectives: The course should aim to enable the participants to undertake the following tasks in English related to their official duties:

- to read and write official correspondence
- to read professional and technical reports and literature
- to participate in formal discussions and conferences
- to participate in less formal meetings and deal with informal contacts as part of their official duties.

Closing date August 27.

EXPRESSIONS OF INTEREST IN ESTABLISHMENT OF COMPUTER-BASED LEARNING INDUSTRY

The Queensland Government is inviting expressions of interest from suitably qualified parties for the establishment of a computer-based learning (CBL) industry in Queensland.

The Government is willing to provide substantive support to a suitable proposal involving the on-going development and world-wide marketing of education and training authoring systems and courseware (including Computer-Assisted Learning (CAL) and Computer-Managed Learning (CML) for use in the industry, commerce, and education markets.

The objectives of Government support are to:

- encourage the establishment, in Queensland, of a viable advanced technology industry which would employ a range of skilled people and generate export income for the State, and
- make available high-productivity CBL authoring systems and courseware suitable for use by Queensland Government bodies.

Closing date: August 29.

AUTHOR

The Queensland Police Department intends to commission an author to research and write its history from 1864—1964.

The growth of the Department, the scope of its work and the social context of police operations will be among the topics to be considered.

It is estimated that the project will take some two years to research and write, the aim being to complete the manuscript by mid-1989. The Commissioner of Police will reserve the right of review of the completed manuscript.

A contractual arrangement, providing for progressive payment, will be available, but the author will be expected to meet the cost of research assistance and any travel or accommodation expenses.

As this is a major official undertaking, an author of outstanding qualifications and experience is required.

NATIONAL HEALTH & MEDICAL RESEARCH COUNCIL RESEARCH PROGRAM GRANTS 1988

Applications are made in two stages. The first stage application form is short and intended to establish whether the applicant satisfies a number of basic criteria required for consideration for a Program Grant:

Purpose of Program Grants

A Program Grant is designed to provide guaranteed support over five years for an outstanding individual scientist working as the accepted leader of a research team that normally comprises several independent scientists.

Criteria

- Evidence of significant and innovative research on a broad central theme over a lengthy period
- A history of significant support from the NH & MRC for this research normally extending over at least six years.

Second Stage Applications

Applicants who are deemed to be eligible to submit a second stage application for a Program Grant will be notified in December 1986. Such applicants must still apply for Project Grants in case they are not awarded a Program Grant.

Closing date August 31.

1986 BLAKE PRIZE FOR RELIGIOUS ART

The prize is now valued at $10,000.

The Blake Prize will be an exhibition in The Blaxland Gallery, Sydney, 2—8 October, followed by a tour of selected works to Hobart, Melbourne, Tamworth, Brisbane and Townsville.

Closing date: September 24.

ROBERT S. McNAMARA FELLOWSHIPS

A limited number of fellowships will be awarded for a 12-month period beginning 1 July, 1987, for full-time work at the postgraduate level in fields related to economic development and institution building. Applications will be considered from individuals as well as from small groups of up to five at the same institution for work on a joint project. The innovative or imaginative character of the work to be undertaken will be a major factor in selection.

Basic criteria

- National of Bank member country
- Normally 35 years of age or under
- Holder of Master's degree or equivalent
- Work must be carried out in a country other than the candidate's own

— This Fellowships program is not intended to support work leading to an advanced degree

Applications close November 1.

J.B. CHIFLEY PRIZES

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

Purpose of Awards: To encourage further study of the Australian Labor Party and politics from as wide a range of disciplines as possible, especially those students who have not yet committed themselves to further study of the ALP.

Who Is Eligible?: Only undergraduate students. Essays, on average, are expected to be around 5000 words.

Closing date: November 1.

ABORIGINAL OVERSEAS STUDY AWARDS 1987/88

The Commonwealth Government is offering a number of awards to enable Australians of Aboriginal and Torres Strait Islander origin to add to their skills and experience through short-term programs of study, observation and discussion overseas.

The awards are intended to promote the educational, social and economic advancement of aboriginal and Torres Strait Islander communities.

As well as individual awards, there is limited provision for awards to be made to groups. Individuals and groups who have been nominated by Aboriginal Communities and organisations are particularly encouraged to apply.

Applications close November 14.

A.W. FABER–CASTELL (AUST) 225TH ANNIVERSARY $10,000 AWARD FOR DRAWING

To celebrate the 225th Anniversary of the Company, A.W. Faber-Castell (Aust) Pty. Ltd. is proud to announce total awards of $10,000 to encourage the art of drawing by Australian artists.

$4,000 will be awarded in the Professional Section.

$1,000 will be awarded in the Amateur Section.

A further $5,000 is allocated for the purchase of selected drawings from entrants for the Faber-Castell International Art Collection.

HISTORY OF BROKEN HILL

The City of Broken Hill will celebrate the centenary of its incorporation as a municipality in 1988.

The City has a rich and colourful history and the Council wishes to commission a history for publication in 1988.

Applications are invited from writers to compile a history. Details of what is required and the resources available are included in a specification which may be obtained from the City Council.

EXCHANGE AGREEMENT 1987/88

The Australian Academy of Science invites applications from scientists who wish to participate in an exchange program with the Japan Society for the promotion of Science. Proposals in any field of natural science will be considered for short-term visits and for post-doctoral fellowships. Low priority will be given to proposals of which the primary purpose is to attend conferences.

Short-Term Visits

Senior scientists may apply for short-term visits which will not normally exceed four weeks. The purpose of the visits is to exchange lectures, information and ideas between scientists in the two countries.

RESEARCH ASSISTANT SALARY RATES 1987

Researchers preparing research applications for 1987 are asked to contact either Mr Tom Moore, ext 3386 or Mr Ian Strahan ext 3079 regarding the method of classification and rates for Research Assistants. In view of the large increase in salary rates, it is essential that Researchers make this initial contact.

Tom Moore
Research Officer

Post-Doctoral Fellowships

Long-term visits to six to twelve months to carry out research are also funded. Preference will be given to scientists who have less than five years post-doctoral experience.

Closing date 1 February 1987.

ACADEMIA SINICA EXCHANGE AGREEMENT, 1987/88

The Australian Academy of Science supports scientific exchanges in the fields of natural science with the People's Republic of China through an exchange agreement with Academia Sinica. Applications are invited from scientists who wish to participate in the 1987/88 program.

Visits may be short-term (3-6 weeks) lecture tours or fact-fincing visits, or longer-term visits to carry out joint research work or field studies.

Proposals must focus on visits to Academia Sinica Institutes. Applicants should propose a specific program or project, preferably one which has been developed in consultation with the Institutes they wish to visit.

Closing date: 1 February 1987.

PREVIOUSLY REPORTED IN CAMPUS NEWS

Name	Closing Date With Agency
National Occupational Health and Safety Research Grants	August 13
Agricultural Research and Extension Inventory	August 15
Australia Council: Community Arts, Literature and Visual Arts Boards	August 15
Australian Sports Commission	August 15
Rural Counselling Grants	August 20
National Occupational Health and Safety: Special Purpose Grants	August 29
Harkness Fellowships	August 29
Queensland Equine Research Foundation	August 31
AINSE Research Fellowships	August 31
NSW State Cancer Council	September 1
1987 Science Exchange Visits	September 1
Australia/Greek Fellowships	September 1
Australia Council: Music Board	September 15
Grants for Industry R&D	September 30
Fullbright Awards	September 30
Research Into Drug Abuse	N/A
Carnegie Corporation	N/A

ALL GOLD WAS NOT AT EDINBURGH

Pat Rees, Lecturer in the Faculty of Education, won a gold medal in the mixed relay race and a bronze in the mixed medley at the Japan International Masters Swimming Championships. The Leisure Coast, eight-strong team, in winning the 200 metres freestyle relay, was just 0.07s outside a world record.

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Q & A AM I DISABLED?

Question: 'I have a hearing problem. Am I disabled?'
Answer: My first very unscientific reaction to this question is 'if you have to ask, you probably aren't'.

I helped a quadraplegic into a car on campus last week. He didn't need to ask. Neither did the paraplegic who was driving. The student with crippling RSI knows he has a disability and so does the lecturer who marks all his assignments through a reader. They have no problem understanding the nature of a disability.

But people like clear definitions, so here they are, in terms of the NSW Anti-Discrimination Act:

'Physical impairment' is defined as 'any defect or disturbance in the normal structure and functioning of the person's body whether arising from a condition subsisting at birth or from illness or injury, but does not include intellectual impairment'.

A 'physically handicapped person' is defined as 'a person who, as a result of having a physical impairment to his body, and having regard to any community attitudes relating to persons having the same physical impairment as that person and to the physical environment, is limited in his opportunities to enjoy a full and active life'.

A 'disability' is defined as 'a loss or reduction of functional ability which results from an impairment'.

The University has established a Disability Committee which is striving to encourage activities which will improve the facilities on campus for people with such reduced functional ability.

This means facilities like sufficient and adequately sized parking areas for drivers who need wheelchairs or crutches. It means sliding doors instead of doors with springs which test the most abled bodied among us. It means access to toilets and cafeterias, and staff who face lip-reading students ... and many other things, all concerned with overcoming functional disadvantage.

Who's not disabled?

Well, many of us have some form of physical impairment. I have 4/20 vision and in a society without glasses would most certainly be functionally disadvantaged. But in 1986 in Australia, I am not functionally disadvantaged. For employment purposes, I am not 'disabled'.

Similarly, a person with a hearing disability is not a 'disabled' driver because there is no functional disadvantage in terms of physical mobility.

If you've never had trouble getting a job or doing your job without more effort than your colleagues because of your impairment, chances are you are not disabled.

Clear definitions are important, but clear policies to overcome barriers for people who are truly disadvantaged in their access to education and employment are surely more important.

It's worth remembering that people are not 'disabled'. They are 'able' people with disabilities.

Kathy Rozmeta
Ext: 3917

Seminars

OPEN SEMINAR SERIES – THE BRAIN AND LEARNING

Pentagon 4, Monday evenings, 7.30 – 9.30 pm

September 15: ***The Brain Explained.*** Dr Peter G. Burton, University of Wollongong. An explanatory link between neurophysiology and psychology.

September 22: ***Knowledge and its Acquistion.*** Dr Peter G. Burton, University of Wollongong. Conceptual learning will be explained by contrast to perceptual learning. Application to language, mathematics learning and the development of higher order thinking skills will be discussed.

September 29: ***Natural Learning and Development*** (Education). Dr Brian L. Cambourne, University of Wollongong. Observations of children learning in natural environments will be described in relation to a theory of learning and its development.

October 13: ***How Cognitive Psychologists Study the Mind*** (Psychology). Dr S.L. Chow, University of Wollongong.

October 20: ***The Social Content of Scientific Knowledge*** (HPS). Dr John Schuster, University of Wollongong.

October 27: ***Somatic Evolution and Refinement of the Species*** (Biology). Dr Ted J. Steele, University of Wollongong.

November 3: ***Symbolism in Creative Arts*** (Creative Arts). Professor Edward Cowie, University of Wollongong.

WOMEN'S STUDIES

Interdisciplinary Seminar.
Speaker: Dorothy Jones (English Department)
Title: Mapping and Mythmaking: Women Writers and the Australian Legend.
Date: August 12
Place: Building 19.1016
Time: 6.30 pm

DEPARTMENT OF BIOLOGY

Seminars to be held 4–5 pm, Ground Floor Lecture Theatre, Building 35, Science II.

Date: Tuesday August 12
Speaker: Dr David Ayre, Department of Biology
Topic: Coral Chimeras/Self-recognition in Coelenterates.

Date: Tuesday September 2
Speaker: Professor Bill Lovegrove, Department of Psychology
Topic: Correlates of single cell properties in human vision: dyslexia as a case study.

DEPARTMENT OF HISTORY AND PHILOSOPHY OF SCIENCE

Speaker: Bill Ford
Topic: The Development and Transfer of Culturally Specific Industrial Technologies
Time: Tuesday August 12, 12.30 pm
Venue: University of Wollongong, Building 19, Room 241
Further information: Brian Martin, 270763.

SOCIAL POLICY GRADUATE SEMINAR

Dr Robyn Rowland, Senior Lecturer in Women's Studies at Deakin University, will be speaking about social issues raised by in vitro fertilisation (IVF) and related technologies

12TH SYMPOSIUM OF THE WATER RESEARCH FOUNDATION OF AUSTRALIA

The biennial symposium of the Illawarra Regional Committee of the Water Research Foundation of Australia was held on July 11 at the University of Wollongong. Theme of this 12th symposium was Stormwater Quality in Urban Areas, in which over 60 delegates participated. The symposium was officially opened by Professor L.C. Schmidt, Head of the Department of Civil and Mining Engineering, The University of Wollongong.

Six papers were presented by invited speakers, all specialists in the field of water pollution. Topics included Water Quality of Catchments, Source and Fate of Urban Runoff and Management, Pollution in Lake Illawarra, Implementation of Urban Stormwater Pollution Controls, Solid Waste Disposal and Environmental Implication of Stormwater in the Sydney Region.

From the University of Wollongong, Dr M. Sivakumar, Department of Civil and Mining Engineering, presented a paper on Stormwater Quality of Natural Catchments, and Dr J. Ellis, Department of Chemistry, presented a paper on Monitoring of Effluents from Landfill Sites.

The Water Research Foundation of Australia is a non-profit organisation which promotes research in water related areas by giving research grants and conducting symposia in topics of immediate concern. Its motto is Today's Research — Tomorrow's Practice.

in a paper, 'Technolife: Issues raised by the new reproductive technologies'.

Date: Wednesday August 13
Place: Building 19, Room 1034
Time: 12.30 pm
All welcome.

DEPARTMENT OF MATHEMATICS

Title: Nonparametric Density Estimation using Generalised Histograms
Speaker: Dr V.C. Drastik, Department of Mathematics
Date: Thursday, August 14
Place: Room 15.204 (Austin Keane Building)
Time: 1.30 pm — 2.30 pm

DEPARTMENT OF PHYSICS

To be held in the Physics Lecture Theatre Bldg. 18 Rm.118.

Date: Thursday August 14
Speaker: Dr Stephen Collocott, CSIRO Div. of Applied Physics, Lindfield.
Topic: Low Temperature Heat Capacity of Some Glasses and Glass Ceramics.

Date: Thursday September 4
Speaker: Dr William Zealey, Department of Physics, University of Wollongong.
Topic: Astronomical Images.

POSTGRADUATE SEMINAR IN HISTORY

August 14 — Dr Stuart Piggin — Towards a Bicentennial History of Australian Evangelicalism

September 4 — Shirley Wakeman — Methodology of the Relationship between the Australian Labor Party, the Australian Workers' Union and the Trades and Labor Council in New South Wales, 1917-1932

September 11 — Dr Gonzalo Zaragoza, Embassy of Spain — Christopher Columbus Revisited Debates and Present Research

BIOMEDICAL EVENING

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.

Seminar will begin at 8 pm in Lecture Theatre, G.19, Building 35.

Date: September 10
Speaker: Dr J.A. Sved, School of Biological Sciences, University of Sydney.
Topic: Hybrid Dysgenesis in Drosophilia.

AUSTRALIAN INSTITUTE OF MANAGEMENT — THE EXCELLENT AUSTRALIAN MANAGER

Two-day seminar led by Wilfred Jarvis.

Day 1
Leaders — born or made?
The seven most common causes of managerial failure
The action credentials of excellent managers
Reliable procedures for assessing your own leadership skills

Day 2
A model for excellent leaders
Diagnosing and changing individuals and groups
Transforming performance appraisals from destructive rituals into pleasant enjoyable, productive activities
Using your whole brain to achieve superior intellectual skills
Making stress work for you

Dates: November 24 and 25
Duration: Two days — 9 am - 4.30 pm each day
Venue: Northbeach International Hotel, 14 Cliff Road, North Wollongong
Fees: $560; $495 Employee of Member Company; $475 Personal Member
Reservations: Deposit $150. Limited number of places at reduced or no cost for new or non-profit organisations.

Sport

RESULTS

Men's Soccer
1sts v Berkeley — won 3 — 0
Res. v Berkeley — lost 1 — 0
U/19s v Berkeley — lost 1 — 0

Men's Hockey
1sts v North Wollongong — won 2 — 0
2nds v North Wollongong — won 3 — 1
3rds v Towradgi Park — drew 1 — 1
4th v Towradgi Park — won 2 — 1
5th Uni Red 3 d. Uni Blue 0

Rugby Union
1sts v Vikings — lost 12 — 9
Res. v Vikings — lost 9 — 6
3rds v Vikings — won 8 — 6

OUTDOOR RECREATION — WHAT'S HAPPENING!

1. Horse riding at Otford Farm, September 13.
2. Learn to sail week, December 1 to 5.
3. Advanced whitewater canoeing, October 11 and 12.
4. Advanced scuba diving course, September 19, 20, 21, 26, 27 and 28.

Details from the Recreation and Sports Association Office.

friends
Campus Community Interface

THE FRIENDS CALENDAR

August

Tuesday 12	Visiting Hindu Scholar at 12.30 pm Northern Lounge — Free
Wednesday 13	Projects Committee 5 pm, Board Room
Thursday 14	Bus Trip to Hindu Temple at Helensburgh — 9 am University Union

GRADUATES GROUP INFORMATION SERVICE

Situated in Friends House, 49 Northfields Avenue. Telephone 270082.

Volunteer graduates will be present between 10 am and 4 pm in accordance with the roster below:

August

Tuesday 12 — Margaret Reid
Wednesday 13 — Anne Young
Thursday 14 — Winifred Ward

Concerts, Exhibitions and Entertainment

SONG OF CEYLON TO BE SCREENED AT EDINBURGH

Dr L. Jayamanne of the Department of English will be a guest at the 40th International Edinburgh Film Festival in August where her film A Song of Ceylon will be screened.

Dr Jayamanne will also deliver a paper at the Third Cinema: Theories and Practices Conference held in conjunction with the festival.

THE BOYFRIEND

The City of Wollongong Symphony Orchestra presents The Boyfriend and other family music at Wollongong Town Hall on Saturday August 16 at 8 pm.

Krossection Youth Band, Raymond Myers and Marienne Shepherd, Vocalists, Trudy Wilson, Saxophone.

Tickets $9, Concession $5, Family $20 — Wilsons Record Bar, 118 Crown Street, Wollongong, 296169.

SCHOOL OF CREATIVE ARTS FREE PUBLIC EXHIBITION

A free public exhibition with an international connection will be opened by Professor Edward Cowie, Head of School of Creative Arts, at 8 pm on Sunday August 17. It will remain open until September 7 Monday to Friday 10 am to 4 pm and Sunday 1 to 4 pm.

Bernard Eveleigh BA, FCM-KGC is an English jewellery designer. He has held numerous one, two- and four-person exhibitions in London, Edinburgh and Brussels and is scheduled to hold a one-man show in Sydney in 1987. A full craft member of the Kent Guild Craftsmen, he exhibits pieces which exploit in an entirely original way the space-age metal titanium.

Edith Kuoto is a fifth-generation Australian. She exhibits first a series of landscapes of Australia. In another series she exploits the human figure. She uses oil paint in a very unusual, original way.

Edith Kuoto has been painting for the past ten years. She studied for six years at the National Art School in Wollongong and has exhibited in Sydney and NSW and received numerous prizes including a 'first' from Tony Bond, former director of the Wollongong City Art Gallery and now in charge of the contemporary collection at the NSW Gallery in Sydney. Her work has been purchased by the Wollongong Council and the University of Wollongong.

Richard Waite has a studio close to London's Regents Park Zoo. He works freelance for leading magazines including ***The Sunday Times Magazine, Harpers*** and ***Queens,*** and ***The Architects and Designers.*** His work in this exhibition is entirely devoted to English, Scottish and Welsh landscapes.

HISTORY OF ART LECTURES

Monday 9.30 am in Music Auditorium. All welcome; admission free. Co-ordinator — Wayne Dixon.

Session 2 Study Area: The Arts in Australia Since European Settlement.

September 1: England Transported? The Shaping of Australian Literature — Ron Pretty.

September 8: Contemporary Australian Literature — Ron Pretty.

September 15: Through European Eyes - The Landscape Tradition — Joy Warren

September 22: Careers in the Arts — Lecturer T.B.A.

September 29: Modernism and Myth-Making — Bert Flugelman

CONCESSION TICKETS

A limited number of A Reserve tickets at $33 (a saving of $9 per ticket) are available at concession prices for performances by the Australian Opera during its Winter Season.

La Fille du Regiment*	Saturday August 16	1 pm
The Magic Flute †	Thursday August 21	7.30 pm
Macbeth	Friday September 5	7.30 pm
Manon Lescaut	Saturday September 20	1 pm
Rigoletto	Saturday October 11	1 pm
Die Fledermaus	Friday October 24	7.30 pm
Eugene Onegin	Saturday November 1	1 pm

*No concession available. Tickets $50.

† Premium reserve tickets only $45.

For further information, contact David Vance, Music Development Officer, ext 3617.

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.

Adelaide	Lecturer in Chemical Engineering (Tenurable) in the Department of Chemical Engineering Lecturer in Materials Engineering (Tenurable) in the Department of Chemical Engineering Lecturer in Chemical Engineering (Tenurable) in the Department of Chemical Engineering Lecturer in Materials Engineering (Tenurable) in the Department of Chemical Engineering