


# THE UNIVERSITY OF WOLLONGONG



# CAMPUS NEWS

Distributed each Tuesday

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of previous week

Editor: George Wilson, tel. (042) 270391

12 May 1987

## THE PROBLEMATIC TEXT

A lecture series currently running in the Department of English, is organised by two lecturers in the department, Dr Laleen Jayamanne and Dr Anne Cranny-Francis. The series is designed to address controversial and contemporary issues in the critical analysis of texts, whether those texts be literary, cinematic, dramatic or otherwise.

A number of speakers was arranged for Session 1, with varying academic and critical backgrounds and interests. The first speaker was Dr Stephen Muecke from the NSW Institute of Technology. Dr Muecke is author of several books including most recently, *Reading the Country*, a highly acclaimed analysis of Aboriginal narrative. Dr Muecke's paper, 'Wide Open Spaces: Horizontal Readings of Australian Literature' was an analysis of the receptivity of contemporary Australian literature and writers to post-structuralist theories of language and of writing.

Next speaker in the series was Dr Ross Gibson, graduate of Queensland and London universities and author of *The Diminishing Paradise*, a study of the construction of Australia in literature. Currently Dr Gibson is working as an independent filmmaker, and is writer and director of the widely-praised film *Camera Natura*. Dr Gibson's paper, 'The Space of Australia and what to do with it in art', included a showing of the film along with his own critical and explanatory comments. His paper focussed on the textual construction of Australia in white, male, Anglo-centric terms.

Analysis of the ideological discourses embedded in texts was the subject of the paper given by Mrs Terry Threadgold of Sydney University. Mrs Threadgold writes on Renaissance literature, linguistic theory and feminism, and is editor of the critical anthology *Semiotics/Language Ideology*. Mrs Threadgold's paper, 'What is Semiotics and Why Are They Still Doing It: Leonie Kramer and Feminism: analysed an article on feminism and the Women's Movement by Leonie

Kramer, along with a series of newspaper letters written in response to it. Her paper involved a critical introduction to the work of Derrida and to semiotic and feminist criticism.

The series continues this week with a paper on 'The Formation of Subjects in Texts' by Mr Gunther Kress, Dean of the Faculty of Humanities and Social Sciences at the NSW Institute of Technology. Mr Kress is author of numerous books including *Linguistic Processes in Socio-cultural Practice* (1985), *Learning to Write* (1982), *Literature, Language and Society in England 1580-1680* (1982), *Language as Ideology* (1979) and *Language and Control* (1979).

Two more speakers are scheduled for this Session, Dr Gay McAuley of the French Department, University of Sydney, who will speak on performance theory and Dr Anne Cranny-Francis of Wollongong University, speaking on feminist rewritings of generic fiction.

The series has been extremely successful this Session and will continue in Session 2. Topics we hope to cover then include poststructuralist theories of language, the writing of reflexive feminist biography and the ideological analysis of contemporary architecture.

## GRADUATION BEGINS TODAY

Readers are reminded that seven ceremonies are being held in the Union Hall as follow:

**2.30 pm Tuesday May 12**

Arts; Speaker: His Excellency Sir John Leahy, High Commissioner of Britain to Australia.

**10.30 am Wednesday May 13**

Engineering; Speaker: The Honourable Senator Chris Puplick

**2.30 pm Wednesday May 13**

Commerce; Speaker: Dr Brian Scott.

**10.30 am Thursday May 14**

Arts and Commerce; Speaker: Dr Patricia Lahy.

**2.30 pm Thursday May 14**

Education and Science; Speaker: Mr Robyn Williams.

**10.30 am Friday May 15**

Education; Speaker: Professor Eric Willmot

**2.30 pm Friday May 15**

Education and Mathematical Sciences; Speaker: His Excellency, Sir Ninian Stephen.

## Closed Circuit Television Coverage

As the number of guest tickets available for each graduation has been limited as a result of a considerable increase in the numbers graduating, facilities are being made available for the viewing of each ceremony in the Southern Lounge of the Union via closed circuit television. All members of the University are invited to avail themselves of this service. Guest tickets are not required for this.

From left are Dr Laleen Jayamanne, Mrs Terry Threadgold and Dr Anne Cranny-Francis at the Department of English lectures on the critical analysis of texts



## General Notices

### PROFESSOR JIM FALK INVITED TO USSR

Associate Professor Jim Falk, Head of the Department of Science and Technology Studies and well known spokesman in the anti-nuclear debate, has been invited to take part in the 7th World Conference of International Physicians for the Prevention of Nuclear War, in the USSR at the end of May.

Panels of leading experts in various fields are invited. Professor Falk will chair and address the panel on Nuclear Weapons Proliferation.



*Associate Professor Jim Falk is Head of the Department of Science and Technology Studies*

Jim Falk is a physicist turned political scientist, and his teaching and research cover a wide range of analytic and policy areas related to the interface of contemporary science and technology with society. One of his areas of interest is the politics of energy. He has published widely including two books *Global Fission: the Battle Over Nuclear Power* and *Taking Australia Off the Map: Facing the Threat of Nuclear War*. He is currently working on the politics of microelectronics and a series of issues raised by nuclear weapons.

### DEPARTMENT OF PHYSICS SCHEDULE OF LUNCH-HOUR FILMS FOR SESSION 1

A series of seven lectures given by Professor Richard Feynman, the celebrated Nobel Prize winner, produced in a

#### ANNUAL UNIVERSITY SERVICE

You are invited to attend the 1987 University Service on Sunday May 17 at 7 pm, St Michael's Anglican Cathedral, Church Street, Wollongong.

Speaker: Professor Ian Breward, Professor of Church History, Ormond College University of Melbourne.

University staff are invited to join academic procession, for which academic dress should be worn.

number of films under the title Feynman Lectures, will be presented in the Physics Lecture Theatre (building 18 room 118).

Friday May 15, 12.30 pm — The great conservation principles.

Friday May 22, 12.30 pm — Symmetry in physical law.

Friday May 29, 12.30 pm — The distinction of past and future.

Thursday June 4, 12.30 pm — Probability and uncertainty

Friday June 5, 12.30 pm — Seeking new laws.

Students, staff and members of the public are welcome.

### DEPARTMENT OF PHYSICS — SCHEDULE OF COLLOQUIA

Held in Physics Lecture Theatre (building 18, room 118).

Thursday May 21, 12.30 pm — Prof Jack Kelly, School of Physics, University of NSW — From Microns to GeV with Wire and Tube.

Thursday June 4, 12.30 pm — Dr Michael Kenny, Division of Material Science and Technology, CSIRO Lucas Heights — Surface Analysis by Rutherford Back Scattering.

Thursday July 16, 12.30 pm — Dr Lindsay Tassie, Department of Theoretical Physics, Research School of Physical Sciences, Australian National University — Strings and the Universe.

Thursday September 10, 12.30 pm — Prof Dick Collins, School of Physics, University of Sydney, Gas Absorption in Evacuated Solar Collectors; a method of reducing high stagnation temperatures

Thursday September 24, 12.30 pm — Dr Joe Unsworth, School of Mathematics and Physics, Macquarie University — Conducting Polymer Devices.

Thursday October 15, 12.30 — 4.30 pm — Ms Tracy Fisher\* — The Effect of Hydrogenation in Semi-Conductors using Photo-Luminescence. Mr Philip Randall\* — Dust in the Gum-Verla Region. Mr Andrew Warner\* — Piezo-Transverse Zeeman Spectroscopy of Boron Impurities in Germanium. \*Honours Students, Department of Physics, University of Wollongong.

Thursday October 29, 12.30 pm — Prof Hugh Bradlow, Department of Electrical and Computer Engineering, University of Wollongong — Local Area Computer Networks from a User's Perspective.

### DEPARTMENT OF PHYSICS — SCHEDULE OF PUBLIC LECTURES

Held in Pentagon 3 (building 20.3).

Thursday May 14, 8 pm — Mr Glen Moore, Department of Physics, University of Wollongong — The World of Planetaria and The Illawarra Project.

Thursday July 30, 8 pm — Dr Barry Allen, Applied Physics Division, AAEC, Lucas Heights — Neutron Diagnosis in Therapy for Wasting Diseases and Cancer.

Thursday August 13, 8 pm — Dr Bill Zealey, Department of Physics, University of Wollongong — "From Here to Eternity" A Bird's Eye View of the Universe by an Astronomer.

Thursday October 8, 8 pm — Dr John Bell, CSIRO Division of Applied Physics, Lindfield — Applications of High Temperature Superconducting Oxides.

Thursday October 22, 8 pm — Prof Jim Piper, School of Mathematics and Physics, Macquarie University — Lasers: Towards 2001.

Thursday November 5, 8 pm — Mr Abe Segal, Department of Physics, University of Wollongong and Honorary Visiting Fellow, School of Physics, University of NSW — The Phenomenon of Timbre. (Note: This public lecture will be held in the Union Hall, and will include live performances on a variety of musical instruments.



## MAJOR SOCIAL SECURITY CONFERENCE IN WOLLONGONG

A conference on Social Security, Society and the Economy will be held at the University on June 18 and 19. Speakers will include Brian Howe, Minister of Social Security, Bettina Cass, Chairperson Social Security Review, David Collins, Macquarie University, and Michael Porter of Monash University. The conference will look at the role of social security in the Australian economy and changes in government welfare policies. The long-term financing of social security, the interaction between the taxation and social security systems and the effects of different social welfare programs on disadvantaged groups will all be considered.

The conference will be of interest to all those involved in social welfare and social security and will provide information and analysis on the future of social security in Australia.

Registration fee is \$50, which includes a copy of all papers with a concessional rate of \$25 for students and social security recipients. Further details are available from Dr John Mangan or Wolfgang Brodesser at the Department of Economics.

## UNIVERSITY OF WOLLONGONG LABORATORY TO DATE NATIONAL GALLERY COLLECTION

The Department of Geography at the University of Wollongong now houses the only commercial thermoluminescence dating laboratory in Australia. David Price, who runs the laboratory, and has had ten years of experience in thermoluminescence, has been commissioned by the National Gallery of Australia in Canberra to date its pre-Columbian collection of pottery from Central and South America.

The collection, which consists of 60 pieces, is too valuable to transport, so David went to Canberra last week and carefully scraped a few grains from each piece to bring back to Wollongong.

Thermoluminescence measures the light emitted by crystals when they are heated. The technique is more accurate than carbon dating.

David recently dated a pottery horse from China and artefacts bought up in fishing nets off the coast of Eden.

Dating of an artefact by the University laboratory can take a week. There is a \$150 fee per unit.

## VISIT BY PROFESSOR EARL BUTTERFIELD

Professor Earl Butterfield is visiting the University until May 19. He is currently Professor of Educational Psychology at the University of Washington, Seattle. His chief interests are cognitive development, mental retardation, giftedness, the effects of residential arrangements on retarded persons' intelligence, and writing. His most recent research has tested ways of accelerating intellectual development with instructional techniques intended to create large and general effects that transfer diversely. The following symposia and lectures are still to be held.

Date: May 19

Time: 9.30 am to 4.30 pm

Symposium Theme: Metacognition and Transfer of Problem Solving Skills

Presenters and Topics:

Dr John Sweller, Centre for Quantitative Research into Learning and Teaching, University of New South Wales. 'Are cognitive processes largely domain specific?'

Professor Earl Butterfield. 'Accelerating intellectual development with instructional techniques intended to create large and general effects that transfer diversely'

Respondent: Professor J. Ward, School of Education, Macquarie University

Venue: Meeting Room Building 21

## HONOURS SCHOLARSHIPS 1988 ACADEMIC YEAR

The University of Wollongong has established a number of scholarships, valued at \$3,000, to encourage students at this University or from elsewhere to undertake an end-on honours year programs at this University.

The scholarships are available for study in any field and will be awarded on the basis of merit as evidenced by performance in an undergraduate degree.

Application forms will be available from the Enquiries Counter of the Administration Building in August.

Applications close on September 25.

## VICE-CHANCELLOR APPOINTED

The Chancellor of the University of Adelaide, Dame Roma Mitchell, has announced that the University has formally appointed Professor Kevin Marjoribanks as its Vice-Chancellor.

Professor Marjoribanks has been the Acting Vice-Chancellor of the University since the sudden death of the former Vice-Chancellor Professor Don Stranks in August 1986.

Professor Marjoribanks was appointed to the Chair of Education at the University of Adelaide in 1975, from the University of Oxford and since then has served in that position with distinction.

Born in Sydney, he holds undergraduate degrees from the University of New South Wales (Mathematics) and the University of New England (Economics). He also has a Masters degree from Harvard University and a Doctorate from the University of Toronto.

Professor Marjoribanks is a Fellow of the Academy of Social Sciences, the Australian College of Education and the Royal Statistical Society.

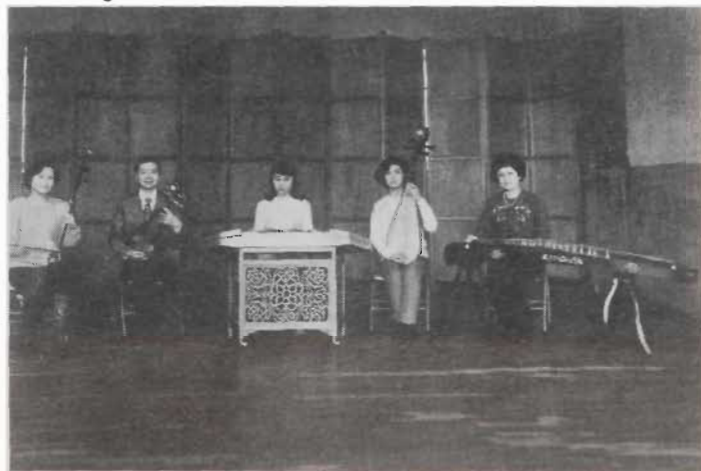
## UNIQUE OPPORTUNITY BY MUSICA VIVA

Seven Chinese musicians (Shanghai Traditional Ensemble) playing traditional Chinese instruments and music on Thursday May 14 at Gleniffer Brae Auditorium at 8 pm.

All students are encouraged to avail themselves of this opportunity to absorb music of a different culture when the ensemble performs solo and ensemble items in concert. The concert is part of the official cultural relations program between the government of Australia and the People's Republic of China. Sponsorship is by the Department of Foreign Affairs.

Admission \$3 adults, \$1.50 concession.

*The Shanghai Traditional Music Ensemble*





## Staff Roundup

### JOB ROTATION UPDATE

Over the past two months, three members of staff have rotated into different positions under the University's Staff Development Job Rotation Program. Graeme Dunn (substantive position Supply Officer, Financial Services) is the Office Manager, Halls of Residence. Mark Peacock (substantive position Graduate Assistant, Student Services) is the Supply Officer, Financial Services. Susanne Gardner (substantive position Secretary, Financial Services) is the Administrative Assistant, Uniadvise. Rotation into these positions is for a period of 12 months or so.

Further details on the Job Rotation Program are available from Gary Graham (ext 3935) or Wendy Raikes (ext 3946).

### STAFF SECONDMENT

A member of the University's Library, Lois De Graaff, is currently participating in a secondment arrangement with the Library at the University of New South Wales. Lois will be undertaking training in library reference work while at NSW for a period of approximately two months.

Staff interested in secondments/exchanges may contact Wendy Raikes on ext 3946.

### THE NEAR MISS

Sometimes one hears an individual say 'that was lucky, they just missed being crushed/hit/cut/hurt' ... Well it may have been luck that time, however, what about the next time such an incident occurs. Will they be as lucky? Luck should not have anything to do with a safe working environment. That is why it is important for all staff to look out for the 'near miss' incident. A near miss tells us that some action needs to be taken to prevent another 'not so near miss'.

The University's Safety Officer is advised of accidents when they do occur (infrequently gladly!) however, as the old saying goes PREVENTION IS BETTER CURE, situations or incidents should also be reported. Reports (verbal and/or writing) can be made to supervisors and Heads of departments/sections, members of the Occupational Health and Safety Committee (see below) and/or the Safety Officer. This will mean that appropriate action can be taken to prevent another incident and perhaps save a life or limb.

Reg Whitton, the Safety Officer, is currently on extended leave, so in his absence queries can be directed to either Wendy Raikes (ext 3946) or Helen Kamenos (ext 3929).

### Occupational Health and Safety Committee Membership Register

Mr R. Broadby, ext 3994, Maintenance (location 5/G14). Appointed by FMWU.

Ms S. Corderoy, ext 3071, Administration (location 36). Appointed by PSA.

Mr R. Galvin, ext 3081, Cleaners (location 36). Appointed by FMWU.

Mr B. Jones, ext 3500, Physics (location 18/G16). Appointed by PSA.

Ms H. Kamenos, ext 3929, Administration (location 36). Appointed by University.

Mr R. Kinnell, ext 3080, Administration (location 36). Appointed by University.

Dr R. Lilley, ext 3431, Biology (location 35/106A). Appointed by University.

Mr S. Lintern, ext 3594, Landscape (location 32). Appointed by PSA.

Dr M. Lowrey, ext 3056, Civil and Mining Engineering (location 4/G02). Appointed by FAUSA.

Dr G. Wallace, ext 3504, Chemistry (location 18/239). Appointed by University.

Ms R. Westbrook, ext 3876, Education (location 23/G09). Appointed by Lecturers Association.

Ms M. Wood, ext 3038, Civil and Mining Engineering (location 3/132). Appointed by University.

Ex-Officio Member (Safety Officer) Mr R. Whitton, ext 3914, Administration (location 36).

### WHEN WILL THE NATIONAL WAGE INCREASE BE PAID?

As previously advised in *Campus News*, payment of the recent National Wage Case increase is conditional upon the respective Unions filing certain undertakings with the commissioner.

At the time of writing this article, given the above-mentioned requirements, the University will be paying the National Wage increase to the following categories of employees on pay day May 28:

- . staff covered by FMWU awards
- . painters
- . plumbers
- . electricians

The date of payment of the National Wage increase to other staff remains unclear and is dependent upon the remaining unions filing undertakings, and the date on which those undertakings are given.

Payment of the increase to academic staff is dependent upon the handing down of the new Federal award for academic staff.

Further details: Peter Maywald, ext 3798.

### NEW LIBRARY STAFF

Appointments have been made to four key library posts during the past month. Three of the appointments are the result of restructuring management responsibilities to cater for changes in the demand for library services.

#### Acquisitions Librarian:

Jenny Ross was Acting Acquisitions Librarian for more than 12 months and is well known to many academic staff members. She has extensive experience in both public and academic libraries. From 1978 until 1982, Jenny was Technical Services Librarian at the Wollongong Institute of Education. The Acquisitions Department is responsible for the acquisition of monograph and non-book material. Jenny can be contacted on ext 3537.

#### Serials Librarian:

Neil Cairns also has had employment in public libraries as well as at the Universities of Sydney and Melbourne. His previous experience has included work in serials, acquisitions and cataloguing. During the next few months, Neil will be supervising the creation of an automated current serials list. When completed, this list will provide the data necessary to enable the apportioning of the serials vote on a faculty basis. Serials enquiries should be directed to Neil on ext 3544.

#### Loans Librarian:

Neil Grant came to Wollongong from the Gippsland Institute of Education in Victoria. From 1975 until 1987, he was in charge of Reader Services. His responsibilities



Annabel Lloyd

Neil Grant



Jenny Ross



Neil Cairns

include loans, reader education and the provision of reference services. Neil will be responsible for the main loans desk, the Reserve Collection and for photocopying services. His major preoccupation this year will be the refinement of the automated circulation system. Enquiries regarding circulation and loan matters should be directed to Neil on ext 3545.

#### Archivist:

Annabel Lloyd was formerly an archivist at the Public Record Office of South Australia. Prior to that appointment, she was the foundation archivist at the Power House Museum in Sydney. Annabel is current assessing the holdings of the University Archives and determining better ways of transferring records. The Archives telephone ext is 3543.

## CURRENT VACANCIES

Lecturer (half-time), Geography, closing date May 15.  
Lecturer/Senior Lecturer, Sociology, closing date May 22.  
Lecturer, Sociology, closing date May 22.  
Lecturer, Geography, closing date June 1.  
Lecturer, Mechanical Engineering/Electrical and Computer Engineering, closing date June 1.  
Lecturer, Science and Technology Studies, closing date June 1.  
Lecturer, Chemistry or Civil and Mining Engineering or Metallurgy and Materials Engineering, closing date June 1.  
Chair in Italian, closing date June 12.

## STAFF CHANGES

### NEW STARTERS

Dr A.I. Lee, National Research Fellow, Mathematics  
Dr P. Sharrad, Lecturer, English  
Mrs E. Knight, Word Processor Operator, Health Sciences  
Mr S. Darcy, Student Adviser, Aboriginal Education Unit.  
Mrs P. Dawes, Word Processor Operator (part-time), Faculty of Engineering  
Mr J. Abrantees, Laboratory Assistant, Geography  
Mr R. Davitt, Maintenance Assistant, Buildings and Grounds  
Mr K.W. Withers, Research Assistant (part-time), Biology

### DEPARTURES

Ms L. Puggioni, Clerk, Psychology  
Ms P.L. Rosewarne, Research Assistant, Psychology  
Ms S. Sallans, Stenographer, Student Services  
Ms B.J. Gibbings, Secretary, Sociology  
Mr J. Hartley, Professional Officer, Science and Technology Studies  
Miss L.L. Byrnes, Typist/Office Assistant, Centre for Technology and Social Change

# Friends Campus Community Interface

## FRIENDS CONCEPT RECOGNISED NATIONALLY

The work of the Friends of the University of Wollongong was the subject of a paper given in August 1986 at the National Conference of the Australian Institute of Tertiary Educational Administrators (AITEA). The conference was held at the University of Hobart and the paper was presented by Giles Pickford, Executive Officer of the Friends. It was the first paper ever to be delivered at a National AITEA Conference by a member of staff of the University of Wollongong.

Since that date a great deal of interest has been shown in the concept of the Friends and the way in which the University of Wollongong generally handles its community relations activities.

Giles has received numerous telephone calls and demands for published documents about the Friends and about other activities such as University Open Day.

On 4 March 1987 he addressed the President and a selected group of councillors and staff of the New South Wales Institute of Technology on the concepts developed at the University of Wollongong. He also spoke at an AITEA Seminar for Alumni Professionals in Universities and other tertiary institutions which was held at the University of Sydney on 4 December 1986.

The most recent development is that Giles has been invited to become a member of the Professional Development Committee of the NSW Branch of AITEA. The aim of this group is to create and organise professional development programs for tertiary educational administrators in NSW.

## GALA CONCERT

Readers will remember the major cultural contributions made by the Friends to the City of Wollongong — Haydn's *Creation* in 1984 and Mozart's *Requiem* in 1985. The standard of these productions was superb and the Town Hall was sold out.

On May 30 we are to continue the successful series with a concert, featuring the Sydney Youth Orchestra, David Vance and the University Singers, expanded once more by members of the local community, in a performance of the beautiful *Requiem by Gabriel Faure*. The work, written in 1893, has become one of the cornerstones of a repertory that has had contributors such as Mozart, Brahms and Verdi. The performance will be accompanied by the superb Sydney Youth Orchestra, under the direction of David Vance. Mr Vance has recently been awarded an Italian Government Scholarship to study conducting in Italy later in the year. The solo baritone will be Garrick Jones, presently the lecturer in vocal studies at the School of Creative Arts, and a concert and operatic performer of wide experience both in Australia and overseas.

The program will also include Benjamin Britten's impressive tribute to the patron saint of music, the *Hymn to Saint Cecilia* for unaccompanied five part choir; and the Sydney Youth Orchestra will perform Symphony No 22 *'The Philosopher'* by Joseph Haydn under the baton of guest conductor, Max McBride. Town Hall, 8 pm.

## PROGRAM OF EVENTS AND MEETINGS

### May

Sunday 17 — Annual University Service, St. Michael's Anglican Cathedral., 7 pm.



# Research Funds

*The following sources of research funds are now available to members of academic staff. Further information including application forms may be obtained from Annette Read (ext 3386) or Ian Strahan (ext 3079). Intending applicants are reminded that all research applications must be forwarded through the Office of Research and Post-graduate Studies.*

## RESEARCH INTO MULTIPLE SCLEROSIS

Applications are invited for grants from the National Multiple Sclerosis Society of Australia for research related to multiple sclerosis.

Support is provided for approved clinical, laboratory-based or epidemiological studies. Applications from suitably qualified persons for post-doctoral fellowships will also be considered.

Closing date with the University May 20.

## NATIONAL HEART FOUNDATION

The National Heart Foundation of Australia has invited applications in the following areas of support: grants-in-aid; fellowships, travel grants; scholarships.

Applications close with the University on May 20.

## NATIONAL ESTATE GRANTS PROGRAM 1987/88

Applications are invited from heritage work and study projects which may be selected to form the basis of the NSW component of the National Estates grants program.

Applications close with the University on May 25.

## WORLD HEALTH ORGANISATION 1988 FELLOWSHIPS

Applications are invited for World Health Organisation Fellowships which are designed to provide opportunities for training which are not available in the candidate's own country and to promote the international exchange of scientific knowledge in techniques in public health and medicine in general.

Australia is allocated a total of three fellowships annually — two of approximately three months' duration and one of approximately 12 months.

Closing date with the University is May 25.

## AUSTRALIAN ACADEMY OF SCIENCE SELBY FELLOWSHIP

Fellowships are awarded to distinguished overseas scientists to visit Australia for public lecture/seminar tours, and to visit scientific centres in Australia.

Fellowships are tenable for visits of not less than two weeks and not more than three months. Overseas and local air fares and a daily allowance are provided.

Applications close with the University on June 16.

## TRAVEL AWARDS TO THE SECOND INTERNATIONAL CONGRESS OF NEUROIMMUNOLOGY

The National Multiple Sclerosis Society plans to offer partial support for travel to a small number of young investigators, and especially postdoctoral fellows, to the Second International Congress of Neuroimmunology, Philadelphia, Pennsylvania, September 8—11.

Support will consist of up to US \$500 for attendees from North America and up to US \$750 for attendees from abroad. Application forms from Research Programs Department, National Multiple Sclerosis Society, 205 East 42nd Street, New York, NY 10017. Telephone (212) 986-3240. Closing date is July 1.

## EDINBURGH INSTITUTE FOR ADVANCED STUDIES IN THE HUMANITIES — VISITING RESEARCH FELLOWSHIPS 1988—90

The Institute for Advanced Studies in the Humanities, University of Edinburgh, have invited applications for visiting research fellowships at the postdoctoral level. Most fellowships are honorary — a limited number of stipends are available to a total fellowship value not exceeding 500 pounds.

Closing date with the University is November 16.

## PREVIOUSLY REPORTED IN CAMPUS NEWS

Name	Internal Closing Date
Japanese Fellowships	May 20
Biotechnology Research	May 20
French Government Scientific Fellowships '88	June 12
Ship time on R.V. Franklin	June 22
History of Culture in Australia	
Prize and Award	September 30
Australian Academy of Humanities	
Travel Grants	September 30
Clive and Vera Ramaciotti - Travel Grants	Any time
Earthwatch	Any time
Criminology Research	Any time

# Scholarships and Prizes

## NEW ZEALAND AWARDS FROM MARCH 1988

Applications are invited for postgraduate coursework and research scholarships tenable in New Zealand under the Commonwealth Scholarship and Fellowship Plan.

Further information can be obtained from Annette Read, Executive Officer, Office of Research and Post-graduate Studies, with whom applications should be lodged by May 18.

## RESEARCH SCHOLARSHIPS — SINGAPORE

The National University of Singapore awards Research Scholarships to outstanding local and foreign university graduates for research leading to a master's or doctor's degree in various disciplines at the University.

The Scholarships are tenable for one year in the first instance and, subject to satisfactory progress, renewable annually for another two years.

Application forms may be obtained from The Registrar, National University of Singapore, 10 Kent Ridge Crescent, Singapore 0511, Republic of Singapore.

Requests for application forms should state: (a) the field of research you intend to undertake; and (b) your highest educational qualification.

## WAITE AGRICULTURAL RESEARCH INSTITUTE — THE PLAYFORD MEMORIAL TRUST SCHOLARSHIP IN HORTICULTURE

Applications are invited for the Playford Memorial Trust Scholarship in Horticulture tenable in the Plant Physiology Department of the Waite Agricultural Research Institute, University of Adelaide. The scholarship is available to support full-time study leading to the degree of Doctor of Philosophy. Support will continue for up to

three years subject to satisfactory academic progress.

Applicants must be graduates or final year undergraduate students of an Australian university and must be Australian citizens or permanent residents of Australia.

Application forms are available from the Scholarships Officer, University of Adelaide, GPO Box 498, Adelaide, 5001.

### HINDI LANGUAGE SCHOLARSHIP

The Indian Government is offering a scholarship for an Australian to study the Hindi language at the Central Institute of Hindi, New Delhi, during the 1987/88 academic year.

Further information can be obtained from: The Secretary, Department of Education, PO Box 826, Woden, ACT 2606.

### 31ST ACADEMIC YEAR 1987-88 "SCUOLA SUPERIORE ENRICO MATTEI" E.N.I.

Applications are now being accepted for admission to the *Scuola Superiore Enrico Mattei* for the 31st academic year — 1987-88. The courses, which will start in November, are open to citizens of Italy and other countries who hold a university degree and who wish to undertake further studies in disciplines relating to business economics. The courses aim to qualify postgraduates for careers in the main areas of activity of major international business concerns, including insight into operational matters.

Detailed information and application forms are available from the Consulate General of Italy in Sydney — Commercial Office, 61-69 Macquarie Street, Sydney 2000. Telephone 2353675.

Applications must reach the Consulate General of Italy by May 31.

### CLIVE AND VERA RAMACIOTTI FOUNDATION RESEARCH GRANTS

Applications are invited for grants, payable in 1988, for projects in the field of medical research.

Applications close with the University on June 15.

### MEDICAL FELLOWSHIPS TENABLE IN THE UNITED KINGDOM (65/99/1)

Applications have been invited for the following medical awards:

- Medical Fellowships
- Senior Medical Fellowships
- Scholarships

Applicants must be nominated by the Vice-Chancellor on the responsible authorities of universities or medical schools in the UK.

Persons interested in being nominated can obtain further information from the Office of Research and Postgraduate Studies.

### AUSTRALIAN ACADEMIES AND ROYAL SOCIETY — UK VISITS

Applications are invited from postdoctoral scientists and technologists who are Australian residents for visits to the UK to undertake short-term collaborative research projects.

Applications close with the University on August 18.

### CAMBRIDGE BENIANS FELLOWSHIP

The Council of St John's College, Cambridge, invites applications for a Benians Fellowship for 1988-89. The Fellowship is intended for scholars on academic study leave to enable them to undertake study and research as a member of a Collegiate Society and to make contacts with scholars in Great Britain.

Applications close on October 1.

## EEO news...

### WHAT IS DISCRIMINATION?

How does one accurately define discrimination in the EEO sense of the term? This question has arisen on a number of occasions recently, so it is probably useful to clarify the meaning of our terminology.

Discrimination is difficult to define because it is abstract, frequently unintentional and often unseen. There are two main types. First is *direct discrimination* which is any action which excludes a person or group of people from a benefit or opportunity because a personal characteristic irrelevant to the situation is applied as a barrier. Examples of these irrelevant characteristics might be the ethnic origin, sex, or marital status of the person being considered.

The second type of discrimination is *indirect* or *systemic discrimination*. These are rules, practices and decisions which treat people in the same way, but are not equally fair in their effects. These rules and practices may appear to be normal and neutral because they are applied to everyone.

For example, historically, rules in the workplace have often been based on the assumption that all people have male or Australian lifestyles. The regulations emanating from these assumptions were then presumed to be the only rational means by which work could be organised.

In recent years there has been movement away from having to prove intent and more emphasis on the results of discrimination. This is reflected in the legal recognition of 'systemic' discrimination.

Peg MacLeod,  
EEO Co-ordinator  
Ext 3917

## Concerts, Exhibitions and Entertainment

### SHAKESPEARIAN REVIVAL

The School of Creative Arts and Workshop Theatre present Shakespeare's Twelfth Night, Shakespeare's comedy originally written for Twelfth Night festivities 1602. The play is set in the 17th century, with costumes, music and even musical instruments of this time.

Wednesday May 13, Friday May 15 and Saturday May 16.

Tickets: \$6, concession \$4

Time: 8 pm

Venue: Workshop Theatre, Gipps Road, Gwynneville

Tickets from: Wilsons Record Bar, Gateway, Wollongong, or at the door

### SCHOOL OF CREATIVE ARTS

Friday May 15 at 8 pm

SCAW Ensemble conducted by Andrew Schultz.

Ferrico Busoni — (arr. Schoenberg) Berceuse Elegiaque

David Lumsdaine — Bagatelles, Kangaroo Hunt

Igor Stravinsky — Berceuses du Chat, Elegy for JFK

Johann Strauss II — (arr. Schoenberg) Emperor Waltz

Admission \$7, concession \$3.

## Seminars

### DEPARTMENT OF BIOLOGY

Date: Tuesday, May 19 — 4.30 pm

Speaker: Professor Mark Stitt, University of Bayreuth, West Germany.

Topic: Fructose 2, 6-bisphosphate: an important regulator of carbon metabolism in plants.

### ACCOUNTANCY AND LEGAL STUDIES

Date: Friday May 22

Time: 11 am

Place: Room 10.2035

Speaker: K. Cooper

Topic: The History of Corporate Criminal Liability

### DEPARTMENT OF MATHEMATICS INFORMAL THEORETICAL MECHANICS SEMINARS

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

May 18 — Dr A.G. McLean, Department of Mechanical Engineering — Lumped element modelling of stress fields in bins

### 2ND OPEN SEMINAR SERIES THE BRAIN AND LEARNING

Venue: 20.4 (Pentagon 4), Fridays 3.30–5.30 pm

May 29: Neuroscience/Neuroarchitecture Theme. Professor Ian Chubb, University of Wollongong (Neuroscience). Dr George Paxinos, University of NSW (Physiology).

June 5: Cognitive Science Teaching Theme. Dr Peter Slezak, University of NSW (HPS).

June 19: Perceptual and Conceptual Learning Theme. Professor William Lovegrove, University of Wollongong (Psychology). Professor William Noble, University of New England (Psychology).

July 17: Parallel Processing, Computing Science and AI Theme. Professor Les Goldschlager, Monash University (Computing Science).

August 7: Intentional Theory of Knowledge Themes. Dr Robert Dunn, University of Wollongong (Philosophy). Dr Karen Neander, University of Wollongong (Philosophy).

### PROMOTION OF INTERACTION BETWEEN HIGHER EDUCATION RESEARCH ORGANISATIONS AND INDUSTRY

Date: Thursday May 28

Time: 1 to 5 pm, followed by refreshments

Venue: Masonic Centre, Corner Goulburn and Castlereagh Streets, Sydney

The seminar is free. Places are limited and those wishing to attend should register by May 19 on (02) 218 7974.

Government Policies for the Revitalisation and Development of Australian Industry

Why is it desirable to commercialise research?

Package of relevant government policies and programs.

Programs to Assist Innovation

150 per cent tax deduction for R&D.

Grants for Industry Research and Development (GIRD) Scheme.

Teaching Company Scheme.

Australian Government Offsets Program.

National Industry Extension Service (NIES).

Interaction Between Higher Education Researchers and Industry

Representatives from institutions and industry will speak of their experiences with collaboration.

### DEPARTMENT OF CHEMISTRY

Session 1 seminars are to be held on Thursdays in Room 18.206 at 11.30 am.

May 14 — Dr G. Mockler, Department of Chemistry, University of Wollongong

Topic — Type III Copper Proteins and their Model Compounds

### FACULTY OF ARTS INTERDISCIPLINARY METHODOLOGY SEMINAR — SESSION 1

Thursday May 21 — Rebecca Albury, Sociology Department: 'Hidden Agendas in the In-Vitro Debate: analysis of the popular media'.

Seminars are held in the Sociology Department, Room 2103, at 12.40 pm (bring your lunch). Enquiries: Ariel Saleh, Senior Lecturer, Sociology, ext 3614

### SCHOOL OF INDUSTRIAL AND ADMINISTRATIVE STUDIES

Title: 'Career Stages in Adults at Work — Some Implications for Work Practice'

Speaker: Dr Michael Hough — Associate Director and Head, School of Industrial and Administrative Studies, Wollongong University

Date: Tuesday May 19

Time: 2.30 pm

Place: Building 22, Apple Lab 2

## Job Vacancies

Details of the positions listed below are on file in the Publicity and Information Office, on the ground floor in the administration building.

Adelaide	Lecturer in Civil Engineering (two positions tenurable) Micro-Analyst, Electron Optical Centre Lecturer/Senior Lecturer in Applied Mathematics (limited-term), Applied Mathematics
Footscray Institute of Technology	SRC Executive Officer
Monash	Postdoctoral fellowship, any department (for two years)
Murdoch	Lecturer in Molecular Biology, School of Environmental and Life Sciences Lectureship in Educational Psychology, School of Education Temporary Tutor in Accounting and/or Finance (Fractional Appointment), School of Social Inquiry
Queensland	Lecturer/Senior Lecturer/Reader in Electrical Engineering

## Advertisements

### FOR SALE

Commodore 64 computer with colour monitor, 1541C disk drive, 30 blank discs, software, books, joysticks and lightpens. \$700. Contact: Harry de Bruin, ext 3900, ADPU.