

THE UNIVERSITY OF WOLLONGONG

CAMPUS NEWS



Distributed each Tuesday

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Editor: Tel. (042) 270391

16 June 1987

MAJOR SOCIAL SECURITY CONFERENCE IN WOLLONGONG

A conference on Social Security, Society and the Economy will be held at the University of Wollongong 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.

CONTRIBUTORS:

Hon Brian Howe, "Issues in Social Security"

Dr John Burgess, "Social Security Objectives of the accord"

Prof Bettina Cass, "The Economic and Social Context of the Review of Social Security: Long-Term Objectives and Shorter Term Priorities for Change"

Mr Rob Castle, "The Economics of Social Security"
Prof Stephen Castles, "Migrants and Social Security"
Dr John Black and Ms Hilary Ziegler, "The Economics of Sheltered Employment"

Prof Lachlan Chipman, "The Law and Welfare"

Dr Paul Hindson, "Reform of the Cost of Government"

Prof Michael Porter, "Tax Reforms and the Social Security System"

Dr John Mangan and Ms Angela Orsaris, "Employment Subsidies for Persons with Disabilities"

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 for the conference 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, phone (042) 270 658.



OFFICIAL OPENING OF WEERONA STUDENT HALL OF RESIDENCE

University of Wollongong Deputy Chancellor Mr Lawrie Kelly and tutor at Weerona Mr Ian McNicol unveil the plaque to commemorate the official opening of Weerona, The University's Hall of Residence in Macquarie St., West Wollongong. Full report, another photo appear on page 3.

Seminars

2ND OPEN SEMINAR SERIES THE BRAIN AND LEARNING

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

DEPARTMENT OF BIOLOGY – BIOMEDICAL EVENING SEMINARS 1987

Each Seminar will be preceded by a char grill dinner at 6.30 pm in the Union Bistro. Those interested in attending the dinner should contact Dr E.J. Steele before the designated evening so that appropriate bookings can be made. Seminars will begin at 8 pm in Lecture Theatre G.19, Building 35. This series is sponsored by the Department of Biology and the School of Health Sciences. The assistance of Dr Stephen Anderson is acknowledged.

Wednesday July 8 – Dr Dick Telford, Chief Scientist, Australian Institute of Sport, Canberra

– Physiology of High Level Sporting Activity.

Wednesday July 22 – Associate Professor A. Lee, School of Microbiology, University of NSW

– *Campylobacter pyloridis*: dyspepsia and ulcers - Fact or Fiction.

Wednesday August 19 – Professor P. Reeves, Department of Microbiology, University of Sydney

– Genetics of O-Somatic Antigen: Highly Variable Surface Polysaccharide of *Salmonella*.

Wednesday September 9 – Dr G. Both, CSIRO Division of Molecular Biology, North Ryde

– Molecular Biology of Rota viruses.

Wednesday October 14 – Associate Professor A.J. Husband, Faculty of Medicine, University of Newcastle

– Psycho-Immunology: Bridging the Gap between Mind and Immunity.

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

– Immunoregulation.

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

DEPARTMENT OF PHYSICS – SCHEDULE OF PUBLIC LECTURES

Held in Pentagon 3 (building 20.3).

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.

ACCOUNTANCY AND LEGAL STUDIES

Date: Friday August 7

Time: 11 am

Place: 19.2035

Speaker: M. Greenwell

Topic: The Impact of the Seven Year Protection Plan on the Footwear Industry

SCHOOL OF INDUSTRIAL AND ADMINISTRATIVE STUDIES

An Unmanaged Information System Can Stop You Dead. How to get on Top and Stay Alive.

Speaker Mrs Lynn Brady, School of Mathematics and Physics, Macquarie University, will address the seminar on Wednesday June 24, 11 am. At building 19, Room 1014.

DEPARTMENT OF PHYSICS – SCHEDULE OF COLLOQUIA

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

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.

THE SECOND INTERNATIONAL CONGRESS OF NEUROIMMUNOLOGY

Adam's Mark Hotel, Philadelphia, PA, USA, September 8-11.

The congress, organised by the New York Academy of Sciences, will cover all aspects of fundamental and clinical neuroimmunology and will embrace cellular and molecular interactions between the immune and nervous systems, autoimmunity, immunotherapy and virus-host cell interactions.

Prominent on the program will be plenary lectures on the latest developments in research on multiple sclerosis, myasthenia gravis, AIDS, narcolepsy, polyneuritis and experimental models.

Congress Chair: Dr Cedric S. Raine, Department of Pathology, Albert Einstein College of Medicine, Bronx, NY, USA.

friends

Campus Community
Interface

July:

Sunday 5 – Commonwealth Bank High Schools Chess Tournament, 1pm to 6 pm, Union Cafeteria

Friday 17 – Community Involvement Committee, 5.30 pm, New Town Hall Committee Room.

August:

Sunday 9 – Town v Gown Rugby Match (Gown defending champions), University Oval No. 2.

Wednesday 5 – Graduates Group, 6 pm, building No. 36 room 303

Wednesday 12 – Projects Committee, 5 pm, building No. 36, room 303

Friday 14 – University Day Address, 6 pm, Union Hall.

OFFICIAL OPENING OF WEERONA STUDENT HALL OF RESIDENCE

Weerona, The University's Hall of Residence in Macquarie Street, West Wollongong, was officially opened on Thursday June 4 by the Deputy Chancellor Mr Lawrie Kelly.

Weerona was formerly a staff hostel for Australian Iron and Steel. It was acquired a year ago by the University and refurbished for student use for the start of the 1987 academic year.

The opening is a culmination of co-operative efforts between the University and various community groups. The

property was purchased under generous terms from BHP International and refurbished with the assistance of the Rotary Club of Wollongong Central and the students of Wollongong TAFE. In co-operation with the University's Buildings and Grounds Department, they painted and repaired the building and transformed it into an attractive residential accommodation.

Residents of Weerona celebrated the opening of the Hall of Residence with a dinner following the official ceremony.



Scholarships and Prizes

JAPANESE GOVERNMENT (MONBUSHO) SCHOLARSHIPS 1988

The Japanese Ministry of Education (Monbusho) is offering undergraduate and postgraduate scholarships for study in Japan beginning in 1988.

Further information can be obtained from: The Secretary, Department of Education, (Japanese Government Monbusho Scholarships), PO Box 826, Woden ACT 2606. With whom applications close on July 17.

AUSTRALIAN WOOL CORPORATION — POSTGRADUATE SCHOLARSHIPS

Applications are invited for scholarships for postgraduate training commencing early 1988 in those areas of Wool Production, Wool Harvesting, Wool Distribution, Wool Measurement, Wool Textile and Wool Economic Research where it is considered there is a shortage of adequately trained people.

Applications close with the University on June 17.

NH&MRC — MEDICAL POSTGRADUATE RESEARCH SCHOLARSHIPS

Applications are invited from medical graduates for scholarships to engage in full time research while undertaking a higher degree. The scholarships are tenable for one year initially but may be renewed.

Applications close with the University on June 23.

AUSTRALIAN TOBACCO RESEARCH SCHOLARSHIPS

The Australian Tobacco Research Foundation has invited applications for postgraduate scholarships to undertake a full-time higher degree involving research into the relationship in Australia between tobacco smoking and health and disease in its widest context.

Applications close with the University on June 16.

GERMAN LANGUAGE SCHOLARSHIP

The Goethe Institute is offering language course scholarships to tertiary students who are Australian citizens who have successfully completed a basic German language course. The scholarships include tuition fee for an eight-week course at a Goethe Institute in the Federal Republic of Germany, free accommodation and a monthly allowance.

Application forms can be obtained from the Goethe Institute, Sydney, ph. (02) 328 7411 with whom applications close on July 15.

ANZAC FELLOWSHIPS 1988

Applications are invited from Australians working in fields such as primary and secondary industry, commerce, education, the arts or public service to spend three to twelve months in NZ following an approved program.

Application forms can be obtained from the Secretary, ANZAC Selection Committee, Department of Education, PO Box 826, Woden, ACT, 2606.

Applications close on July 17.

General Notices

THEFT OF APPLE CONSORTIUM EQUIPMENT

The Apple Consortium was broken into and equipment was stolen on June 1 or 2. The thieves also took information from the office including the master list of all Apple equipment on campus.

The list shows the serial numbers, description of goods, department names and room numbers for most of the equipment on our campus. This has created a serious situation for all units because it is likely the thieves will return, using the information as the basis for further thefts.

Campus is asked to take additional care to ensure doors and windows in all buildings are locked and keys are not misplaced.

M. J. Moss, Senior Administration Officer, Business Services.

RUSSELL BRADDON VISITS CAMPUS

Australian born author and broadcaster Russell Braddon made his first visit to the University of Wollongong on May 30.

A Sydney University graduate, he has a distinguished war record, and was held as a Japanese prisoner of war in Malaya.

Mr Braddon visited the campus with an ABC crew to conduct an interview with Philosophy Professor Lauchlan Chipman on the quality of education in Australia.

The interview is for an ABC program called "Images" which is being made for the Bicentenary and will be screened on Australian and British TV.

Mr Braddon described the campus as impressive and thought the university was an important counter to the steel city image of Wollongong.

His books include The Naked Island, Nancy Wake, The Year of the Angry Rabbit, Joan Sutherland, and All the Queen's Men.

HIGHER SCHOOL CERTIFICATE WINTER VACATION PROGRAM

This program will be held July 6 to 10 at The University Pentagon.

The Winter Vacation Higher School Certificate program has been offered specifically for those students sitting for the Higher School Certificate in 1987.

For those students living in Wollongong it will be possible to attend on a daily basis. However, for students who live too far from the University, accommodation is available in single rooms at Weerona, Hall of Residence, at a cost of \$30 per night. This cost includes dinner, bed and breakfast and is available from Sunday July 5. Lunch is available at the University cafeteria.

Lecturers for each subject have been selected from teachers suggested by Department of Education Subject Consultants, and are either consultants or teachers in their specialised fields. Each subject will be timetabled for two sessions of three hours each, and the cost for the two sessions is \$10.

As part of the program for the Winter Vacation School, courses aimed at providing additional skills for students attending the program will be offered also. These are 'How to Write an Exam Essay' and 'Study Skills'. The cost for these two courses is \$4 each.

The program is principally designed for Year 12 students. However Year 11 students are welcome to attend. 'Study Skills' and 'How to Write an Exam Essay' will be particularly beneficial to all students.

Further information from The Co-ordinator, The Centre for Professional Continuing Education, The University of Wollongong, PO Box 1144, Wollongong, 2500. Phone: (042) 270 531.

TRADING HOURS UNION CATERING OUTLETS JUNE 9 TO JUNE 26 (STUDY RECESS/EVENINGS FORTNIGHT)

Cafeteria: 8 am - 5 pm Monday to Thursday. 8 am - 3 pm Friday.

Weigh-in (in dining room) 11.30 am - 2 pm Monday to Friday.

Bistro/Char Grill: (Chef Cooking) Noon - 2 pm Monday to Friday last orders 1.45 pm. 5.30 pm - 10 pm Tuesday to Thursday last orders 9 pm. 5.30 pm - 8 pm Monday and Friday last orders 7.30 pm.

Bar Noon - 8 pm Monday and Friday. Noon - 10 pm Tuesday to Thursday.

The Greenery closed June 15 to July 20.

Takeaway Bar, The Hideaway Coffee Bar, The Dogatorium, The Creamery closed.

SAFETY ASPECTS OF THE RUGBY SCRUM

Dr Peter Milburn, Senior Lecturer in Human Movement and Sports Science, will be featured in a forthcoming episode of the TV-New Zealand program "Fast Forward".

Dr Milburn describes the findings of his investigations into the nature of forces carried by front-row rugby forwards under a variety of scrummaging conditions. The program concentrates on safety aspects of the scrum, particularly for school-age or lower grade players, and describes how scrums can be formed with least risk to the players involved and how players should be conditioned to play in the scrum.

The research underlines the potential dangers of scrummaging and recommends elimination of crotch binding as a means of decreasing the vertical forces acting on front row forwards without significantly decreasing their potential for exerting forward force.

It is hoped the program will also be seen in Australia as part of the ABC TV series "Quantum".

1988 - 1990 TRIENNIUM BUDGET SUBMISSIONS

Planning and Development Committee will commence considerations of the Draft Budget for the 1988 to 1990 Triennium at its meeting to be held on September 16.

The various budget units are reminded of the notice to this effect, sent to them by Mr J W Langridge, Secretary to the Planning and Development Committee, inviting them to submit requests and supporting documents in relation to recurrent expenditures and equipment needs for teaching purposes.

Budgetary units are reminded of the need to ensure their submissions reach Mr J W Langridge NOT LATER THAN Monday, August 17.

Further information please contact Susan Smith on ext. 3919.

CORRECTION - VIATEL

The article in Campus News on June 2 omitted some of the Faculty data on the public access of Viatel during the first six months. The information is reproduced below:

FACULTY INFORMATION

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Arts (Three Departments on air)	280
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NATIONAL CHEMISTRY WEEK JULY 20-27

Royal Australian Chemical Institute Wollongong Branch will host a special showing of the 'Magic Chemistry Show'. Admittance will be by ticket only on Wednesday, July 22 at the Pentagon.

Anyone requiring tickets should contact either Dr Mary Garson or Dr Gordon Wallace of the Chemistry Department.

PHYSICAL FITNESS NEEDS OF AVIATION FIREFIGHTERS

Dr Frank Pyke, Associate Professor in Human Movement and Sports Science has received a grant of \$12,617 from the Commonwealth Department of Aviation to undertake a program of research to define the "Physical Fitness Needs of Aviation Firefighters". The grant proposal was submitted on behalf of Dr Pyke by Uniadvice.

The research is an extension of that done at the University of Western Australia by Dr Pyke in relation to fighting fires in high rise buildings. The first stage of the project will be to determine the level of strain experienced by an aviation firefighter during a sequence of typical firefighting tasks such as climbing ladders, carrying hoses and lifting and carrying life-sized dummies. The relationship between performance in these tasks and in a series of fitness tests selected on the basis of their likely relevance to that performance will then be assessed.

On the basis of this information it will be possible to specify a battery of tests that are the most suitable for measuring the performance capabilities of aviation firefighters and then design a fitness program that can ensure the men are kept in top physical condition.

The project will involve testing 50 aviation firefighters based at the Sydney Airport and the Central Training School located at Tullamarine Airport in Melbourne.

THE CHINA CONNECTION: AUSTRALIA-CHINA COLLABORATIVE PROGRAM IN CHEMISTRY

In the last six months three Chinese scientists have arrived in Wollongong to study for higher degrees in the Department of Chemistry. The three chemists, Mr Ge Hai Lin, Mr Lin Yuping and Mr Shen Shifeng have come to join established research teams headed by Drs Truscott and Wallace.

Mr Shen Shifeng is in Australia to learn advanced techniques for the chemical analysis of a major agricultural oil seed crop, rapeseed. A number of these methods have been developed previously by Dr Truscott's group and Mr Shen will be involved in the development of new methods which are suitable for China.

He is sponsored by the Australian Centre for International Agricultural Research as part of a joint program between the University of Wollongong and Pacific Seeds Ltd in Australia and the Chinese Academy of Agricultural Sciences.

In 1986 as part of this collaborative program, Dr Truscott and Mr Buzza, from Pacific Seeds Ltd visited laboratories in Wuhan and Nanjing to meet with Chinese scientists and to lecture on and demonstrate procedures used in Australia for the breeding and quality analysis of rapeseed. This exchange of scientific personnel between the two countries will continue into 1988.

Mr Ge Hai Lin and Mr Lin Yuping are involved in research which will lead to the development of new measuring systems. They are working in the research group led by Dr Wallace in the Chemistry Department and both are enrolled in the University PhD program. Mr Ge Hai Lin is now supported by a University of Wollongong scholarship and Mr Lin Yuping by a Dionex Corporation scholarship.

Dr Wallace will develop further ties between his research group and China when he visits there later this year supported by an Academy of Science Australia-China exchange grant. He will also visit China to present a lecture at the 2nd Beijing Instrumental Analysis Conference in October.

KIDS COMPUTING '87

July '87 break, July 6 - 17. University of Wollongong ITC Computer Training.

COMPUTER AWARENESS FOR KIDS (6 - 11-year-olds only).

This course is specifically designed to introduce young children with no previous experience with the use of microcomputers to a range of interesting uses of the microcomputer and the place of computers in everyday life. It is not designed to teach computer programming. Age groups will be strictly observed to ensure a class of similar ability/experience.

Two groups over one week: Morning group 9 am - Noon for 6 - 8 years only. Afternoon group 1 pm - 4 pm for 9 - 11 years only. Five half days Monday 6 - Friday 10. Cost \$65.

ADVANCED AWARENESS FOR KIDS (6 - 11-year-olds only)

This course is designed to expand on the concepts learnt in the earlier Computer Awareness for Kids. It also introduces young children to simple programming and logic.

Two groups over one week Morning group 9 am - Noon for 6 - 8 years only. Afternoon group 1 pm - 4 pm for 9 - 11 years only. Five half days Monday 13 - Friday 17. Cost \$65.

INTRODUCTORY PROGRAMMING FOR KIDS (10 - 13-year-olds)

An introduction to programming the personal computer in the popular language BASIC. The examples and programs considered represent problems relevant to children of the ages specified.

One group over one week 9.30 am - 3.30 pm. Five days Monday 6 - Friday 10. Cost \$95.

INTERMEDIATE PROGRAMMING FOR KIDS (10 - 13-year-olds)

This course provides further skills in programming the personal computer in the popular language BASIC. The examples and programs considered represent problems relevant to children of the ages specified. Children require introductory level skills to attend this course.

One group over one week 9.30 am - 3.30 pm. Five days Monday 13 - Friday 17. Cost \$95.

IBM PC COMPUTING FOR KIDS (11 - 16-year-olds)

This course is designed to teach concepts and intermediate level programming on the IBM PC Compatible microcomputer. The kids must have a minimum of intermediate programming level skills with Apple BASIC. This allows for familiarisation with the most popular type of microcomputer in use in business today. The IBM PC Compatible extends the power available on Apple microcomputers and is appropriate for the more serious uses of computers.

Two groups over two weeks 9.30 am - 3.30 pm. Five days Monday 6 - Friday 10 or Monday 13 - Friday 17. Cost \$95.

The courses will be at The University of Wollongong, Entrance 2, Building 22, Microcomputer Laboratories, Northfields Avenue, Wollongong.

Enquiries Phone Anna on 27 0484, 9 am - 1 pm daily. Classes are limited to 20 places.

**THE DEPARTMENT OF MECHANICAL
ENGINEERING IS NOW LOCATED ON
THE FIRST FLOOR OF BUILDING 8
(OLD ADMINISTRATION BUILDING)**

Research Grants

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

PREVIOUSLY REPORTED IN CAMPUS NEWS

Name	Internal Closing Date
Australian Academy of Science – Selby Fellowship	June 16
CSIRO Postdoctoral Awards	June 16
Ship time on R.V. Franklin	June 22
Rothmans Fellowship	July 10
Australian Academies and Royal Society – UK Visits	August 18
Japanese Fellowship – Matsumae Foundation	September 16
Australian Academy of Humanities – Travel Grants	September 30
History of Culture in Australia Prize and Award	September 30
Cambridge Benians Fellowship	October 1
James N Kirby Foundation	October 19
Edinburgh Institute – Humanities Visiting	

ELECTRICAL RESEARCH BOARD

Applications for grants to support research in areas relevant to the electricity supply industry, including the field of mechanical engineering where relevant.

Applications close with the University on June 22.

THE QEII SILVER JUBILEE TRUST GRANTS

Members of Faculty and students are eligible to apply for grants to help develop their talents or a special project, and/or render services to the community.

For further information contact the Office of Research and Postgraduate Studies.

ROTHMANS FELLOWSHIPS

Applications are invited for Rothmans Fellowships awarded to enable Fellows to undertake postgraduate work within an Australian University. The Fellowships, valued at \$25,000, are awarded initially for one year and may be renewed for a second year. Applicants must be graduates with at least three years' postgraduate experience in research.

Applications close with the University on July 10.

CANADIAN STUDIES AWARDS

Applications are invited for Canadian Studies Awards intended to enable the design and teaching of new courses in Canadian studies or to introduce Canadian content into existing courses.

Applications close with the University on July 1.

GRANTS FOR FILM, VIDEO, LITERATURE AND HISTORY

The NSW Government is inviting applications for grants under the government's programs of assistance for film, video, literature and history during 1988.

Applications close with the University on June 22 (film and video) and June 29 (Literature).

RURAL WOMEN'S ACCESS GRANTS

Applications are invited under the Rural Women's Access Grants Program for funds for operational and research projects in 1987/88. Research projects may deal with any issue relating to women's access but should be practically oriented.

Applications close with the University on July 20.

AUSTRALIAN-GREEK AWARDS: VISITING FELLOWSHIPS 1988/89

Submissions are invited from Australian educational institutions seeking to nominate eminent scholars and other highly distinguished people from Greece to visit Australia. Benefits include international and Australian domestic air fares and a daily allowance.

Applications close with the University on August 31.

RESEARCH REGISTER IN EMPLOYMENT AND TRAINING

The Australian Council for Employment and Training is currently seeking to develop a research program in the fields of employment and training and would like to hear from parties:

- interested in being included in a research register;
- with research proposals for potential inclusion in a research program.

Responses should be directed to: Assistant Secretary Research and Assessment Branch, Office of ACET, GPO Box 9880, Canberra ACT 2601.

HARKNESS FELLOWSHIP

Applications are invited for the Harkness Fellowships tenable for between 12 and 21 months in the United States. Candidacy is open to men and women in any profession or field of study who are over the age of 21 and Australian citizens.

Applications close with the University on August 31.

SCIENCE AND INDUSTRY ENDOWMENT FUND

Applications are invited for small grants for 1987 to assist people engaged in scientific research. Grants may be offered to:

- young people who have demonstrated an active interest in scientific research;
- amateur researchers who have been recognised by professional scientists as competent in their field;
- retired professional scientists for the continuation of research projects.

Travel grants may also be provided but only in exceptional circumstances where no other funding is available.

Applications close with the University on June 22.

NSW STATE CANCER COUNCIL

The New South Wales State Cancer Council has invited applications for grants to support research into all aspects of cancer which elucidate its origin, cause and control at a fundamental and applied level.

Applications close with the University on July 3.

CSIRO 1987 POSTDOCTORAL AWARDS

The Commonwealth Scientific and Research Organisation invites applications from PhD graduates or those nearing the completion of the requirements for a PhD degree, for Postdoctoral Awards of two years' duration. In the second year of the award the recipient will be required to work on an approved joint research project with CSIRO.

Applications close with the University on June 16.

Research Grants

DIABETES RESEARCH AND EDUCATION GRANTS-IN-AID

A Diabetes Mellitus Trust Fund has been established by Apex to support research on health-related aspects of diabetes mellitus.

The board of the Apex Foundation invites applications for Grants-in-Aid to appropriate persons engaged in the fields of basic, clinical and applied research into the causes, projects directed towards educational, social and psychological aspects of diabetes are especially welcome.

Grants will be paid only to organisations concerned with the promotion of health care, education and/or medical research of diabetes mellitus and possessing the requisite basic facilities to carry out the proposed study program. Grants must be used to support a particular program, under the supervision of a responsible investigator, with the approval of the head or director of the appropriate department or institution.

Grants-in-Aid will be for one year for research salaries for technical or other assistants and maintenance costs; major equipment grants will not be considered. They will not normally exceed \$28,000 per annum.

Further information available from: The Secretary Apex Foundation Diabetes Mellitus Trust, PO Box 421, Milsons Point 2061 (Tel: 02 957 3544)

Closing date for application July 24.

JAPANESE FELLOWSHIP 1988/89 – MATSUMAE INTERNATIONAL FOUNDATION

The Matsumae International Fellowship is offering fellowships in Japan for periods of three to six months from April 1, 1988 to March 31, 1989. Fields such as natural science, engineering and medicine are given first priority. The Fellowship provides financial assistance for travel, accommodation and maintenance.

Applications close with the University on September 16.

JAMES N. KIRBY FOUNDATION

The James N. Kirby Foundation has invited applications for grants in the areas of health, education, technology and science, art, literature, and the conservation, maintenance and development of Australia's natural resources.

Applications close with the University on October 19.

Research News

EDUCATION STUDENT'S THESIS RESEARCH AWARD

Ms Kaye Lowe, a Master of Studies student in the Faculty of Education, has received an award from the New South Wales Institute of Educational Research. The award represents recognition for high quality research.

The award will be formally bestowed at a dinner at the University of Sydney on July 24 where Ms Lowe will present a paper which summarises her research and will receive a Certificate of Merit and honorary membership of the Institute for one year.

Ms Lowe's research thesis was entitled: "Origins of Reading Failure: An investigation into the causes of adult reading failure as defined by the case study subjects themselves".

In her research, Ms Lowe applied a case study methodology to the investigation of reading failure in adults. Ms Lowe approached the problem of reading failure from an wholistic perspective and went beyond the obvious symptoms of reading disability (such as processing dysfunction), and explored the notion that adult disabled readers were not merely "prisoners of their eyes".

Seven adult non-readers (four male, three female) were interviewed on numerous occasions about the nature and history of their literacy problems. During the interviews, each subject's knowledge of, and control over the reading and writing processes were tapped into using non-obtrusive assessment procedures. Close associates of each subject were also interviewed (spouses, parents, work-mates) in order to illuminate factors which may have contributed to reading failure.

Nine "themes" which relate to the origins of reading failure emerged from the data. Ms Lowe used these data to develop a "grounded" theory of reading failure in adults.

The thesis was judged to have made "an extremely important contribution to the field because it raised issues about traditional approaches to the diagnosis and treatment of reading problems which the profession will ultimately have to address".

Ms Lowe was supervised by Dr Brian Cambourne of the Centre for Studies in Literacy.

Job Vacancies

Details of the positions listed below are on file in the Planning and Marketing Office, on the second floor in the administration building.

Adelaide	Research Associate, Department of Applied Mathematics Bibliographic Services Librarian (Librarian Grade IV), Barr Smith Library
ANU	Research School of Physical Sciences, Department of Mathematics, Postdoctoral Fellow/Research Fellow Department of Theoretical Physics, Postdoctoral Fellow/Research Fellow Faculty of Arts, Department of History, Lecturer
Flinders	School of Earth Sciences, Lecturer in Hydrology and Research Fellow in Hydrology School of Biological Sciences, Research Fellowships: Function and Structure of Plant Membrane Channels School of Social Sciences, Chair of Accounting and Finance
James Cook	Lecturer/Senior Lecturer (information systems) Department of Commerce

WE HAVE MOVED

Campus news is no longer located on the ground floor of the new Administration Building. We are now in Planning and Marketing, on the second floor – up the main staircase and to the right – just beyond the Registry.

Staff Changes and Movements

Mr Stan Aungles has worked with a number of Australian Universities and Colleges of Advanced Education since arriving from England 15 years ago. Stan came to Wollongong to further his interests in social issues in relation to technology.



Mr Ian McNicol joined The University of Wollongong from the University of Adelaide, where he obtained a Masters Degree in Electrical Engineering. Ian is currently doing a second Masters Degree in Technology and Social Change with the STS Department.



Concerts, Exhibitions and Entertainment

TRANSITIONS

An exhibition of paintings in mixed media by Linda Browne will be held from June 7 to 21.

Linda Browne completed an Associate Diploma in the Arts at the University of Wollongong. She exhibited in various group exhibitions, paintings in private collections, both in Wollongong and interstate. She is now with the Australian Film Television and Radio School.

GRAND FINALE CHARITY NIGHT

The Cancer Appeal-a-thon intends winding up after a strenuous year of fundraising with a bang at Wollongong University Union on Saturday June 27.

In the Union Hall a traditional dance band will play music for dancing, interspersed with guest spots from such artist as Paul O'Lachlan, Jim McCullum and Lynne McGimpsey.

In the cafeteria the Grand Stand Jazz Band, the Belmore Basin Jazz Band, Svegies Vegies and Mistaken Identity will play Jazz and Rock music.

In the Common Room you can be entertained all evening with a variety of country and western music from the South Coast Country Music Association, Shades of Grey, and the Illawarra Bush Music Club. The music of Concorde 80 will welcome you to this night of nights playing on the Union lawn.

The University Union caterers are preparing a magnificent supper, and music through the supper hours is provided by the Palm Court Ensemble.

An auction of items including a bottle of 1939 Para Port, a bottle of Glenfiddich Whisky, a Mink Coat and two original paintings will be held after supper.

Make up a table or just come along and join us at the Grand Charity Finale for the Cancer Appeal-a-thon at the University Union on June 27 at 8.30 pm.

CALIFORNIA STATE UNIVERSITY NORTHRIDGE JAZZ ENSEMBLE

The Wollongong Conservatorium Show Band is playing host to the world's finest collegiate big band, The California State University Northridge Jazz Ensemble, during their Wollongong workshop and concert program on Friday June 26.

The program is open to all members of the public, a workshop being held on Friday evening commencing 6 pm followed by a concert featuring both Don Harper's Wollongong Conservatorium Show Band and the CSUN commencing 8 pm at Wollongong University Music Centre Auditorium, Entrance 4, Northfields Ave, Keiraville.

Admission to the workshop is \$5. Concert admission \$6 and tickets for concert and workshops or combined concert/workshop will be available at the door or from: Wollongong University Creative Arts Department, phone 270987. Wollongong Conservatorium phone 281122.

ANIMAL, RATIONAL OR MENTAL?

There is a perennial debate which has been going on for much of the century — Nature versus Nurture, Genes versus Culture.

Within that debate the most bitter divisions between scientists have taken place in Sociobiology — the study of the social behaviour of animals. The questions being asked by sociobiologists bear fundamentally on our very concepts of ourselves as human and have implications in health, psychology, politics and a broad range of social questions.

Animal, Rational or Mental? is an Australian Broadcasting Corporation (2FC 576) series of interviews with some of the leading thinkers of our time who have contributed to this debate:-

June 22: Professor John Bonner Professor of Biology, Princeton University.

June 29: Dr Melvin Konner Centre for Advanced Studies, Stamford University.

July 6: Professor Steven Rose Professor of Biology, The Open University, London.

July 13: Dr Richard Dawkins Oxford University and Professor Steven Jay Gould Harvard University.

Further information: Kirsten Garrett (02) 3392266.

SCHOOL OF CREATIVE ARTS

Friday July 24 at 8 pm

SCAW Ensemble conducted by John Wayne Dixon

Peter Maxwell Davies — Renaissance Scottish Dances

John Wayne Dixon — Champagne Flutes, Three Emily Dickinson Songs

David Bedford — With a Hundred Kazoos

Admission: \$5, concession \$3

Advertisements

TO LET

Seaside cottage, furnished, rambling garden \$100 pw. Phone (02) 6604560, Ariel Salleh, Sociology.

FOR SALE

1978 Datsun 120y s/wagon, rego Nov 87, Air Cond, Tow Ball, AM Radio, and roof racks. Cheap to run, \$2500 ono.

Contact H Inman ext 3479 or 293048 (home).

WANTED TO RENT

Public servant and family require 3/4 bedroom house preferably Austinmer/Thirroul from July.

Short term acceptable - anything considered. Phone Paul Couchman (STS) ext. 3602 or 674716 (home).