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Editor: George Wilson, Tel. (042) 270391

1 September 1987

INTEGRATION OF CHILDREN WITH DISABILITIES IN NSW PRIMARY SCHOOLS

The Unit for Special Education within the School for Behaviour and Cultural Studies in Education is involved in a state-wide study of the integration of children with disabilities in schools. This is an extension of the work undertaken by the Unit over the past two years on Integration in Australia — work commissioned by the Commonwealth Schools Commission as part of a three-country (Australia, Sweden and France) review of integration of disabled students.

The present study is timely. Integration of students with disabilities is burgeoning in this country as, indeed, it is overseas. There is wide acceptance of the ideology of integration as reflected in the NSW Department of Education policy on integration and in the growing numbers of students with special needs receiving their education in regular classes.

A significant feature of the present study is that it is being undertaken in collaboration with academic staff from three other institutions: Macquarie University; Mitchell CAE, Bathurst; and Newcastle CAE. The Macquarie University team has been engaged in research on integration for many years and has just released a book on the subject. Co-ordinated by the team from Macquarie University, data from each of the four areas of NSW are being combined in the largest study of its kind on integration in this country.

Research funds to support the project were obtained by the Macquarie University team from several sources: the NSW Department of Education; the Spastic Centre of NSW; the Crippled Children's Society; and the Macquarie University Down's Syndrome Program. Each of the collaborating institution has also contributed funds to the project. It is hoped that the Commonwealth Government will contribute further funds because of the national significance of the project.

The aims of the study are to identify factors relating to academic and social success for children with disabilities in the regular classroom. The relevant factors to be examined relate to:

1. child characteristics including type and degree of disability, educational achievement, social adjustment, parental involvement and so on.
2. classroom characteristics including curricula, degree of classroom structure, teaching methods and classroom organisation.
3. school organisational characteristics including leadership, attitudes of staff, use of resources and school ethos.

Whole class testing is also being conducted to provide data on student progress. Case study analyses of individual children with disabilities will provide qualitative data for the future direction of integration.

continued overleaf

High winds demolish University Icon

Old age, dieback and near-cyclonic winds joined forces to demolish the University's most famous landmark — the figtree — on Monday August 24. The age of that giant marvel is being researched in the Department of Geography. But dating comes secondary to a tree which, to many, had few equals anywhere ...



General Notices

The study is being conducted across five regions in NSW, including the Illawarra. Schools in the Illawarra have been extremely co-operative and several have offered to participate in the study. It is hoped that in the second year of this longitudinal study these offers can be accepted and that the university can play an active role in fostering integration in the schools of our region.

Members of the team have been invited to speak on the preliminary findings of the study at conferences to be held over the next few months. Dr Gow has just returned from an international conference in Hawaii where she gave details of the project. Members of the Macquarie team have been invited to present preliminary findings at the forthcoming conference of the Australian Psychological Society. Other members will present papers at the annual conference of the Australian Association of Special Education in Melbourne, at the Annual Conference of the Australian Association for the Study of Intellectual Disability in Fremantle, and at the First Joint Conference of the Australian and New Zealand Associations for Research in Education in Christchurch in December.

Further information about the project from Dr Lyn Gow (3980 or 3733) or Mr Keith McLellan (3885).

ELECTION OF MEMBERS OF THE UNIVERSITY COUNCIL

Nominations have been called for election to the following positions on the University Council, with the names of the retiring members shown in brackets:

1. Three student members (Mr D. Brown, Mr P. Manning and vacant).
 2. One member elected by Convocation (Mr K. Phipps).
 3. Two academic staff members (Professor R.C. King and Mr R.K. Pretty (Inst)).
 4. One general staff member (Mr R. Parker).
- Nominations close on September 16 for Staff, September

23 for Students and September 25 for Convocation.

Detailed notices of election have been displayed on several University notice boards and, for the Student and Convocation elections, have been advertised in *The Illawarra Mercury* and *The Sydney Morning Herald* on Saturday August 29.

If further details are required, please contact Ms Marie Cooper, extension 3947.

K.E. Baumber
Returning Officer

RETIREMENT OF FOUNDATION PROFESSOR OF ACCOUNTANCY

When Professor John Ryan joined the Wollongong University College as Foundation Professor of Accountancy in May 1973 the academic staff numbered five and the student load was 77 EFTS. The Department's growth has been continued and dramatic. There are now over 20 staff and the student load is 440 EFTS.

Wollongong's Accountancy graduates have earned a high reputation. In December 1986 *The National Times on Sunday* rated the Accountancy degree as outstanding. In addition, the introduction of an undergraduate specialisation in Management Studies, Diploma in Management and Master of Management resulted in the formation of a Department of Management in 1984, and now the growth of Legal Studies is being recognised by establishment of a separate Department.

But to return to the beginning: Professor Ryan was immediately absorbed in the fascinating task of planning for the new University — its degrees and academic structure. Fortnightly day-long meetings of the Interim Academic Senate were not uncommon. As Chairman of the Admissions Committee he derived considerable pleasure from the introduction of the Special Admissions Programme. Twice elected to Council, he served on the Finance and Staff Committees. As the elected Chairman of the Academic Senate, and twice Deputy Chairman, he jealously guarded the prerogatives of the academic community. On establishment of The University of Wollongong Association of Professors in 1986 he became the first President.

With Terry Heazlewood and Brian Andrew, Professor Ryan established the Australian, and later New Zealand, series on company financial reporting. He edited the third



The University of Wollongong team for the ABC National television quiz program, University Challenge. The team left for Tasmania on Sunday August 23 for the filming of the series which goes to air in September. From left are: Sam Paltridge (reserve and team manager), Terry Pickett, Daniel Sutton, John Knowles, David Cameron

edition of the New Zealand Company Financial Reporting published earlier this year.

Professor Ryan regards the close relationship between tertiary institutions and the professional bodies as a strength of the accountancy profession in Australia and New Zealand. While serving on the NSW Division of the Australian Society of Accountants from 1980 to 1983 he was responsible for accounting standards and education matters. In addition, he was a member of the Wollongong Branch Council from 1979 to 1985. He received the Society's Meritorious Service Award for outstanding service as a Divisional Councillor.

He will miss the graduation ceremonies and the annual departmental valedictory dinner, a highlight of the year for both staff and students.

He leaves Wollongong to undertake a different challenge as the first Dean of Commerce at Auckland Technical Institute. With three members of his family likely to be studying at Wollongong next year, John and Jan's frequent trips across the Tasman look set to continue.

UNION BOARD OF MANAGEMENT ANNUAL ELECTIONS

In the elections held on Wednesday and Thursday August 12 and 13, to elect five people from the membership of the Union, votes were cast as follows:

Candidate	First Performance Votes Cast
Rasiah Thambipillai, Joel	242
Huntly, Simon	103
Shackley, Raelyn Ann	95
Aiello, Raul	82
Paltridge, Sam	71
Alla, Harry Hans	50
Good, James Emery	41
Morrissey, Daniel James	35
McVean, Andrew John	32
Costantito, Pedro	20
Barnes, Janet Anne	17
Makryllos, Frank	12
Maniatis, George	11
Lee, Kerry Ann	9
Newlands, Robert	3
Informal Votes	14
	837

I declare the following candidates elected in accordance with Clause 6.1(b) of the Constitution to serve for a period of two years from the first Board Meeting in September 1987: Joel Rasiah Thambipillai, Raul Aiello, Raelyn Ann Shackley, Sam Paltridge and Simon Huntly.

Noel Diffey
Returning Officer

CAREERS NIGHT

Early in 1987 The University of Wollongong established a Visiting Committee to provide advice and assistance to the Department of Metallurgy and Materials Engineering. It was agreed at the first meeting that there was a pressing need to encourage students to pursue the field of Metallurgy and Materials Engineering and to demonstrate the potential for career opportunities that lie in local industry and wider afield.

It has therefore been decided to hold a careers information evening at the University on Friday of this week, September 4. The aim is to encourage High School students in Years 10, 11 and 12 to commit themselves to entering a course of studies that will take them through the Higher School Certificate and the University into a rewarding and challenging career in industry.

The format of the evening will fall into two parts. An initial introductory session covering 'What is Materials Engineering?', a video on career opportunities, and three or



Professor John Ryan (see announcement on left of picture)

four guest speakers — young recent graduates now embarked on a career. This will be followed by an opportunity to meet and discuss, with representatives of local industry as well as faculty staff and students, specific areas of study and career opportunities.

TRADING HOURS UNION CATERING OUT-LETS DURING RECESS (TO SEPTEMBER 4)

Cafeteria	8.45 am — 4 pm Monday to Thursday 8.45 am — 3 pm Friday
Weigh-in (in dining room)	11.30 am — 2 pm Monday to Friday
Bar	noon — 8 pm Monday to Friday
Bistro/Chargrill (Chef cooking)	noon — 2 pm Monday to Friday Last orders 1.45 pm

Sandwiches available through bar until 8 pm.

Chargrill (evening), The Greenery, Takeaway Bar, Hideaway Coffee Bar, The Dogatorium, The Creamery — All areas closed.

THE MARIE SNEDDEN CHAMBER MUSIC COMPETITION

Gleniffer Brae Auditorium, Saturday October 10 at Conservatorium of Music, Murphys Avenue, Keiraville.

The Marie Snedden Chamber Music Competition has been established to encourage the performance by young musicians of chamber music. The competition is funded from revenue raised by the 1983 Musica Viva Committee and commemorates the work of the president of that committee, the late Marie Snedden.

The competition is open to amateur chamber music groups, i.e. trios, quartets, quintets and will be known as: The Marie Snedden Chamber Music Award.

One prize of \$800 will be competed annually (October). Players must be 25 years or under.

The competition will be determined by a public performance given by a minimum of three and maximum of four finalists selected from preliminary auditions held earlier on the day of the competition.

continued overleaf

Item to be selected by ensemble from standard chamber music repertoire.

Duration of the performance should not exceed 35 minutes.

Entry fee: \$10 per ensemble.

The panel's decision will be final and no correspondence entered into.

Adjudicating Panel, 1987:

Guest adjudicator Dene Olding: well known to Australian concert audiences as the Principal violinist with the Australian Chamber Orchestra and more recently as Associate Concert Master of the Sydney ABC Symphony Orchestra, Dene will join the adjudicating panel for the final of the Marie Snedden Chamber Music Competition.

James Powell, Principal, The University of Wollongong, Conservatorium of Music.

Rotraud Schneider, International Concert Violinist.

David Vance, Music Development Officer, The University of Wollongong.

MILLION DOLLAR BOOST FOR MANAGEMENT EDUCATION

The AMP Society is to give management education in Australia a much-needed million dollar boost.

A half-million-dollar grant, part of AMP's \$2.5 million Community Grants Package for the Bicentenary, was presented to the Australian Graduate School of Management — one of Australia's largest and most respected management education institutions — in Sydney on August 20.

A similar grant was also made to the Melbourne Graduate School of Management.

AUDIO—VISUAL COPYING BY EDUCATIONAL INSTITUTIONS: THE LEGAL ASPECTS

In early 1981 the Vice-Chancellor ordered that no 'off-air' recording was to be carried out. This was a direct response to the 1980 amendments to the Copyright Act and severely limited the amount of affordable material available for audio-visual aids to the teaching/learning process. However, the ready availability of equipment and the ease with which broadcasts can be copied has undoubtedly resulted in widespread infringements of copyright and the loss of potential revenue for film producers. In order to redress this situation, where the law has been overtaken by technological developments, several changes to copyright law have been proposed. This should be good news for both educators and film-makers. The issue however is still very complex and anyone understanding off-air recording should be conversant with the restrictions of the Copyright Act.

We, who are in the business of copying audio tapes, films and video tapes, are all too aware of the legal constraints of the Copyright Act. Often we have to refuse to duplicate material unless written permission to do so has been sought and granted by the owner of the copyright. This is not always easy as copyright can exist in several dimensions of the one item. For example, a production company could own the copyright of a film. That film, however, may also contain the following additional underlying copyrights:

- a) copyright of the script reproduced in the film (a dramatic work);
- b) copyright of the sound track (a musical work);
- c) copyright of any songs recorded in the film (literary and musical works);
- d) copyright of the book upon which the script was based (literary work).

The broadcasting of a film is also protected by another copyright.

Under current legislation, an Australian educational institution, in order legally to obtain and use a copy of a program broadcast on television, must either:

- a) purchase a pre-recorded copy of the program; or
- b) obtain prior permission to copy the broadcast from the broadcaster and from all the other copyright owners of material contained in the program. This applies to programs broadcast by the ABC, the SBS and to commercial broadcasters.

Sub-section 200(2) of the copyright Act allows for the making of some sound recordings off-air. This application is limited, as the Act states:

The making of a record of a sound broadcast or of a television broadcast, being a broadcast that was intended to be used for educational purposes, does not constitute an infringement of copyright in a work or sound recording included in the broadcast, or an infringement of copyright in the broadcast if—

- a) the record is made by, or on behalf of, the person or authority in charge of a place of education that is not conducted for profit; and
- b) the record is not used except in the course of instruction at that place.

Currently the Attorney-General's Department is developing a scheme which shall enable educational institutions to make legal, 'off-air' copies of television programs. It was hoped that the scheme would be debated in the autumn (1987) sittings of parliament but unfortunately the election caused some delay.

Under the new scheme institutions will have to pay for copying off-air (direct copying of film and video tape will still require the film-maker's individual consent or license). Institutions will have a choice as to the payment method. They may either keep records of their copying and pay per program copied or they may choose to pay a per student levy. If they choose to pay per program copied they will have to send the details of the copying to a collecting society, which will then invoice the institution, collect the revenue and distribute it to those who possess the rights. If they choose to pay the per student levy, they will not have to keep any records of copying other than on a rotation basis for sampling purposes. Again the levies would be paid to the collecting society which would rely on the sample to distribute revenue to members. The amount of payment may be determined through negotiation between the collecting society and the educational interest or, in the absence of agreement, by the Copyright Tribunal.

There will be a similar procedure for identifying tapes, particularly where the institutions opt for record keeping, to distinguish between 'legitimate' and other copies. As well, the collecting society will have some method of inspection to ensure the scheme is being complied with.

The Attorney-General's Department is also considering the introduction of a royalty on blank tapes to compensate copyright owners for 'home taping' of copyright material. When (or if) the licensing scheme for educational copying is set up it should exempt educational institutions from the 'blank tape royalty'.

Recent conversations with the Australian Copyright Council and the Attorney-General's Department have indicated that either late this year or early next year the proposed scheme should be ready for parliamentary debate.

At the moment, the copying of television programs, 'off-air', for replay in classroom is legal only if permission has been sought from, and granted by the owner of the copyright(s).

Richard C. Caladine
Centre for Teaching Development

BAROQUE DANCING WORKSHOP WITH THE EARLY DANCE CONSORT

Gleniffer Brae Auditorium, Sunday September 20, 1 to 4 pm. Admission \$6.

Fiona Garlick and John Barnard from The Early Dance Consort. Fiona and John are two of Australia's leading experts on Renaissance and Baroque dancing. They give classes in dancing and conduct workshops.

They also perform regularly with live musicians, as the people of Wollongong might remember (October 1986).

When performing they wear authentic costumes from that period.

The workshop will provide an introduction to the basic steps of some baroque dances, eg the minuet, courante and sarabande, and offers the performing musician increased benefits from having explored the various dance characters by means other than on their respective instrument.

Further inquiries: Mrs Simonette Bunder, ph. 289871 or The Conservatorium of Music, ph. 281122 or 270533.

PUBLIC HEALTH ASSOCIATION OF AUSTRALIA AND NEW ZEALAND ANNUAL PRIZE

The Public Health Association, NSW Branch, is offering an annual prize of \$200 for an essay on a specified topic in public health.

Entry is open to any undergraduate or postgraduate student of a NSW university or College of Advanced Education. Details of the essay topic, guidelines and the due date are outlined below:

Topic: Select a public health issue which you feel is either being marketed ineffectively or one in which public awareness needs raising. The issue chosen may be a high profile topic such as anti-smoking, excessive use of insecticides, skin cancer, or AIDS, or it may be an issue which you believe is neglected, or for which improved education and preventive measures are required.

(a) Define the issue considering the importance of the chosen issue on the health of individuals, as well as in social and economic terms. Briefly discuss current public perception of the issue and why you think the issue has been inadequately marketed to date.

(b) Discuss ways to make the public aware of the ramifications of the issue and propose education and marketing strategies to effect behaviour change at individual, institutional and government policy levels.

The major weighting of the essay should be given to strategies to improve public awareness and health related to the chosen public health issue.

Word limit: 2000 words maximum.

Due date: September 30.

Send to: Dr Peter Sainsbury, President, NSW Branch, Public Health Association of Australia and New Zealand, Royal Prince Alfred Hospital, Missenden Road, Camperdown, NSW, 2050. Enclose a stamped and addressed envelope for return of manuscript.

Inquiries: Chris Blatch (02) 2175717 or Kerry Borthwick (02) 2231588.

AN ENIGMA MAKES ITS DEBUT ON CAMPUS

A new publication has made its debut on campus. Entitled *Enigma*, it is produced by the Mathematical Sciences Society and is to be distributed quarterly. The inaugural issue is dated August, and as a 'first' it carries with it a distinctly professional air in such areas as content, form and layout. The editor is Tan Kwan-tse.

But from whence springs the Mathematical Sciences Society? It is a section of the Department of Mathematics, and whose objectives, as outlined in the journal, are:

- To provide students with an opportunity to get together with other students and staff, socially, as well as developing an interest and awareness of mathematics through informal discussions.

- To encourage students, in their mathematical and computing science training by promoting awareness of the usefulness of Mathematics to society and providing information about career prospects.

- To develop links with the Graduate Group within the Friends of the University.

The Society has also secured the services of a number

of Academic Staff members who are willing to act in an advisory capacity. They are:

Prof J.R. Blake, Dean of Faculty of Mathematical Sciences; Assoc Prof G. Doherty, Head, Department of Computing Science; Prof D. Griffiths, Professor of Statistics; Dr K.P. Tognetti, Reader, Department of Mathematics; Dr James M. Hill, Reader, Department of Mathematics; Dr Adam Kucera, Research Associate, Department of Mathematics; Dr Fritz Hille, Lecturer, Department of Computing Science.

WRITER'S CLUB ACTIVITIES

Friday September 4 — Submissions close for SCARP 11

Tuesday September 8, 7.30 pm — Writing Room, Gleniffer Brae — Poetry and Prose Reading

Monday September 14 — Writing Camp. Venue and arrangements to be advised

Monday September 21 — Entries close for Philip Larkin Prize

Changing Face of the Campus

RELOCATION OF TEMPORARY BUILDINGS

The desirability of placing temporary or demountable buildings on a university campus is an option which few would support. Once in place these structures tend to take on a more permanent role. The value of these buildings as facilities, at a time when funds for new buildings are severely restricted, is significant. This has been the experience at The University of Wollongong.

However, necessary or desirable changes to campus planning sometimes effect the locations of these buildings. This was recently the case when it was necessary for three temporary buildings at one location and two large sheds at another location to be resited.

The three temporary buildings, D1, D2 and D3, were removed from the southern side of building 25. The reasons for this were:

- the need to provide a more desirable pedestrian link between two levels on the campus by the construction of a stairway and paving;
- the creation of a more attractive sight-line from the Forum through to Mt Keira; and
- the need to establish an acceptable area to house external facilities, particularly for ceramics, in the School of Creative Arts.

It was also necessary to relocate two large sheds from the western side of the Music Centre to allow for the construction of the planned Performance Space which will be an extension to the Music Centre on this part of the campus.

All of these buildings have now been established on the northern side of building 25, in an 'L' shape configuration to create a 'courtyard' within the School of Creative Arts.

The area established by the placing of buildings in this way will have two benefits. First, it will be a useful space for ceramics and sculpture activities; and, secondly, it will be a pleasant screened area for users of that part of the campus.

The whole area will be enclosed by wire fencing in the gaps between the buildings. An effective screen will be gained by extensive planting outside the building and fenceline.

Covered walkways between some of the buildings will be located within the courtyard by reusing sections of the canopy that were removed from over the footpath on the southern side of building 25.

K.E. Turnbull
Manager, Buildings and Grounds

Research Funds

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

TRANSPORT ENERGY AND FIREWOOD USE AND SUPPLY

The Commonwealth Department of Primary Industries and Energy have invited expression of interest in undertaking the following studies: Consumption of Transport Energy in Australia; Fuelwood Use and Supply in Australia.

Registrations of interest should be lodged by September 1.

ASTHMA FOUNDATION OF VICTORIA – TRAVEL GRANT

Persons engaged in research in the field of bronchial asthma are invited to apply for an overseas travel grant for 1988 to the value of \$2000.

Applications close with the University on September 16.

UNIVERSITY RESEARCH GRANTS – 1987/88

The Board of Research and Postgraduate Studies invites applications for 1988 University Research Grants in any field of research. Applications must be project based. Funds may be available in 1987 to support equipment requests or requests for library resources.

Applications close with the University on September 18.

CONFERENCE TRAVEL SUPPORT – THE A.W. HOWARD MEMORIAL TRUST

The A.W. Howard Memorial Trust aims to encourage and promote research and investigation in the fields of natural science and social science, including economics which relate to the development, management and use of pastures.

The Trust invites applications for travel grants to assist in attending overseas conferences and related travel between December 1987 and the end of 1988.

Applications close with the University on September 19.

RESEARCH INTO COT DEATHS

The Australian Rotary Health Research Fund invites applications for research into Sudden Infant Death Syndrome. Applications are invited for a project which will: (a) enhance the health of the community; (b) stimulate research activities within Australia by facilitating communication between researchers in connected fields; (c) encourage projects which may have a practical outcome capable of being applied by community groups.

Applications close with the University on September 21.

GRANTS FOR NATIONAL DRUG EDUCATION AND PREVENTION PROJECTS

The Commonwealth Department of Health has invited applications for the development and trials of innovative drug prevention and education activities.

Preference will be given to projects for the following priority groups: young people, Aborigines, women, prisoners.

Applications close with the University on September 21.

GRANTS IN NEW MATERIALS TECHNOLOGY

The Industry Research and Development Board invites applications under its Generic Technologies Program.

Target areas are: Metal surfaces and their treatment; Radically improved metal extraction processes; Opto-electronic devices; Rare earths; Polymers for hostile environments; Bio-materials and devices; Zirconia toughened structural ceramics; Improved ceramics through unorthodox processing; Automation and control; High temperature superconductivity.

Applications close with the University on September 21.

FORESTRY RESEARCH GRANTS

The Australian Academy of Science has invited applications for the Maxwell Ralph Jacobs Fund to support worthy projects in forestry research and to provide graduates with support not readily available from other sources.

Applications close with the University on October 19.

PIG RESEARCH COUNCIL 1988/89 GRANTS

The Pig Research Council invites applications to conduct research related to the pig industry in the 1988/89 financial year.

Applications for the support of new and continuing research applications and for travel/conference support will be considered.

Applications close with the University on October 19.

AUSTRALIAN SPECIAL RURAL RESEARCH FUND 1987/88 RESEARCH GRANTS

The Australian Special Rural Research Council invites applications for assistance from the Special Rural Research Fund.

The purpose of the fund is to provide financial assistance for the conduct of scientific, technical and economic research and development relating to the rural sector. Funds may be available for projects in the national interest or in relation to new industries or industries not provided for by specific Commonwealth/Industry research funding arrangements. These currently exist for barley, chicken meat, cotton, dairying, dried fruit, honey, fish, grain legumes, oilseeds, meat and livestock, pig, poultry, tobacco, wheat, wine grapes and wine and wool.

Preference will be given to applied projects which deal with discrete areas of production, processing, storage, transport and market research with national applicability. The Council is seeking to increase its funding of market oriented research and development.

Applications close with the University on November 30.

FIELD SCIENCES RESEARCH FACILITY

The Edith and Joy London Foundation has called for applications to utilise the field station located 46 kms north of Batemans Bay. The 348 hectare property provides a protected and managed environment and simple accommodation and laboratory facilities.

Bookings for the January-June 1988 period close November 30, and for July-December 1988 on 31 March 1988.

EDUCATION FELLOWSHIPS

The United States Academy of Education has invited applications for the Spencer Fellowship Program designed to promote scholarship in the US and abroad on matters relevant to the improvement of education in all its forms.

Fellows will receive US \$25,000 for one year, or US \$12,500 for each of two continuous year working half-time.

Applications close with the University on December 14.

Scholarships and Prizes

CSIRO VACATION SCHOLARSHIPS 1987/88

The CSIRO Division of Oceanography has invited applications from currently enrolled 3rd year undergraduates to spend eight weeks in December-February in a CSIRO Laboratory. A stipend of \$200/week is offered.

Applications close with the University on September 4.

CALTEX WOMAN GRADUATE BUSINESS AWARDS

Nominations are called for six Caltex Woman Graduate Business Awards. Applicants must be Australian citizens or have resided in Australia continuously for five years; have completed, or be completing in 1987, a degree in an Australian University or other Australian tertiary institution; and be intending to enrol in a masters degree program in business administration.

Applications close with the University on September 16.

PREVIOUSLY REPORTED IN CAMPUS NEWS

Name	Internal Closing Date
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
Pig Research Council Study and Training Awards	October 16
AINSE Research Grants	October 23
Nursing Research Grants	October 19
James N Kirby Foundation	October 19
World Bank Fellowship	October 19
AVCC Visiting Fellowships for Australians	October 19
Edinburgh Institute — Humanities Visiting Research Fellowships	November 16
Wellcome Australia - Medal and Award	November 30
Clive and Vera Ramaciotti - Travel Grants	Any time
Earthwatch	Any time
Criminology Research	Any time

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	Lecturer in Botany (limited term), Department of Biology
ANU	Senior Research Fellows/Research Fellows, Postdoctoral Fellows (several positions), Centre for Resource and Environmental Studies
Flinders	Computer Systems Officer
Macquarie	Lecturer in Biology (microbiology) Lecturer in Biology (molecular biology) (tenurable)
Murdoch	Research Fellow, Western Australian Labour Market Research Centre

EEO news....

YOUR CHANCE TO SERVE

We are again calling for applications from general staff women interested in serving on the Equal Employment Opportunity Committee. The existing vacancy has been caused by a resignation from University service.

The EEO Committee operates as a broadly based advisory committee representing members of target groups as well as other interest groups affected by equal employment initiatives, and meets as required, but not less than once per session. There is also opportunity for members to sit on EEO Sub-Committees, such as disability, sexual harassment, or conditions of employment.

Nominations close on September 18. In the event of more than one nomination being received, an election will take place.

Peg MacLeod
EEO Co-Ordinator

Seminars

FACULTY OF COMMERCE SEMINARS (ACCOUNTANCY AND LEGAL STUDIES)

All seminars to be held in Room 19.2035 at 11.30 am.
Date: September 11

Speaker: Mr Brian Andrew (Wollongong)

Topic: Some Time Series Properties of Earnings, Funds and Cash from Operations.

Ferdinand A. Gul
Seminar Co-ordinator

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 September 16 — Dr G. Both, CSIRO Division of Molecular Biology, North Ryde

— Molecular Biology of Rota viruses.

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

DEPARTMENT OF CHEMISTRY SEMINAR PROGRAM SESSION II

All seminars are to be held on Friday in Room 18.111 (Physics) at 2.30 pm

September 11 — Dr Les Field, University of Sydney — Organometallic Chemistry

Dr S.G. Pyne
Coordinator

DEPARTMENT OF HISTORY AND POLITICS POSTGRADUATE SEMINARS SECOND SESSION

All seminars in room 19.2004 at 5 pm

September 9 — Professor Robert D. Linder, Kansas State University — The United States as the Last Best Hope

of People on Earth: American Civil Religion and How it Works

September 16 — Barry Bridges — Problems in Writing Historical Biography

THE CENTRE FOR WORK AND LABOUR MARKET STUDIES (CWALMS)

A seminar and general meeting of the Centre will be held on September 4 in room 19.206 from 9.30 am.

The theme of the full-day seminar will be 'Changing Patterns of Work'.

Papers will be presented by Centre Associates from The University of Wollongong, and from both Albury and Wagga Wagga campuses of Riverina-Murray Institute of Higher Education.

Morning and afternoon tea will be provided. All welcome.

For further information contact Ray Markey, ext 3734, or Di Kelly, ext 3662.

DEPARTMENT OF COMPUTING SCIENCE

A Microcomputer Laboratory Suitable for Teaching Real-Time Computing.

Speaker: John Fulcher, Department of Computing Science, The University of Wollongong.

Date: Friday September 4.

Place: Room 15.101 (Austin Keane Building).

Time: 12.30 pm

Greg Doherty,
Head, Dept. of Computing Science

DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING RESEARCH SEMINARS

Venue for all seminars: Room 35.G45 at 4.30—5.30 pm.

Date: September 7

Speaker: Mr N. Kandasami

Topic: Stratospheric Aerosol

Date: September 14

Speaker: Mr A. Mourad

Topic: Interfacing AD and DA converters to the 68000 microprocessor

Concerts, Exhibitions and Entertainment

AN EVENING WITH JUDY BAILEY AND SANDY WHITE

The Bridge Theatre (home of Theatre South, Wollongong's only professional theatre company) has become the venue for one of the most innovative jazz promotions in Australia.

The Wollongong Chamber Jazz Society, a newly-formed jazz organisation, has set itself the task of presenting small jazz combos, in a venue, where the audience listens to jazz in a rarified atmosphere ... in a musical environment which allows the audience an opportunity to savour the full dynamics of the instruments, freed from the constraints of electronics. In other words, jazz is presented, on the same level as a classical trio or quartet in a setting befitting the quality of the music and the musicians.

There is, surely, no other similar enterprise in the country, where jazz is presented in such a wonderful venue, on an ongoing basis.

On Sunday September 6 the Wollongong Chamber Jazz Society will present two of the most exciting jazz performers in Australia ... Judy Bailey (piano) and Sandy White (vocals).

Judy Bailey was born in Auckland, New Zealand and raised in Whangarei, a country town 90 miles away. As a small girl she studied classical ballet, and began piano and theory lessons at the age of ten. After the age of 16 her interest in modern music developed rapidly at the expense of her classical career.

Tickets from Theatre South, phone 296144.

PIANO RECITAL BY BERNARD LANSKEY

Lunchtime — Tuesday September 8, 12.30 to 1.30 pm. Admission free. Music Auditorium, School of Creative Arts, The University of Wollongong.

Program: Beethoven - Piano Sonata, Op. III; Schultz - Sea-Change (1987); Chopin - Ballade No 4.

Outstanding Australian pianist Bernard Lanskey has lived in London for some years. He will give one of his few Australian recitals this year for The University of Wollongong. Lanskey is a graduate of the University of Queensland, The Schola Cantorum in Paris and The Royal College of Music in London where he has worked with Peter Wallfisch. He has been awarded many prizes including the Royal College's Chopin prize, the Florence Davey and Alliance Francaise Scholarships.

Included in his lunchtime recital will be the Australian premiere of a work by School of Creative Arts staff member, Andrew Schultz.

SIX OF ONE

The School of Creative Arts is to present six short plays directed by second-year BCA students opening in mid-September. All productions will be held in the Music Auditorium at the School of Creative Arts, The University of Wollongong, starting at 8 pm.

Admission \$4, \$2 concession.

Subscription \$16, \$8 concession.

Inquiries: Sheila Hall, telephone 270996.

Tickets at door.

THE DEATH OF MINNIE by Barry Dickins

The Death of Minnie is a play about a 40 year old Jewish woman living in squalor in a Melbourne flat. It is her 40th birthday and throughout the entire play she speaks to her deceased father. Toward the end of her witty monologue it becomes apparent that she is contemplating suicide.

Therese McLennan (Director)

September 11 and 12 at 8 pm

HOW HE LIED TO HER HUSBAND by George Bernard Shaw

A short one act play from the turn of the century where a London gentleman discovers his wife's love poems written by her lover.

Shaw's famous satire on his own play Candida.

Christopher McTrusty (Director)

September 13 and 18 at 8 pm

Details of later plays will be given in *Campus News* next week.

CONCERT ON FRIDAY

The University Singers (Inc.), under the direction of Andrew Ford, present Musica Dolorosa: a program of sacred polyphony from the 12th and 16th centuries, including works by Palestrina, Byrd and Allegri, on September 4 at St Michael's Anglican Cathedral, Market Street at 8 pm.

Inquiries E.J. Meyer, 270435.