THE UNIVERSITY OF WOLLONGONG

CAMPUS NEWS

Distributed each Tuesday

Deadline for copy noon Monday of previous week

Editor: George Wilson, tel. (042) 270926

28 October 1986

$32.384 MILLION FOR BASIC RESEARCH

The Minister for Science, Mr Barry Jones, has announced that 1451 grants totalling $32.384m had been awarded for 1987 under the Australian Research Grants Scheme (ARGS).

The grants had been made on the recommendation of the Australian Research Grants Committee chaired by Professor Don Aitkin of the Australian National University, Canberra.

Mr Jones said: "The Government, fulfilling an earlier election promise, has given the ARGS a ten percent increase in real terms for three of the four years 1984 to 1987. Total funding has increased from $19.25m for 1983 to $32.384m in 1987.

"The basic research supported by the grants is expected to make real advances in the understanding of the subject matter of the research or to contribute to the solution of important practical problems."

The Minister said the funds provided by the government under the scheme for 1987 represented an increase of $4.844m (17.59 percent) over 1986. A total of 170 Research Fellows and Research Associates would be supported in 1987.

The increase of ten percent in real terms ($2.94m) had been allocated to large items of equipment. Overall funding for equipment in 1987 now stood at $5.93m as compared with $3.7m in 1986.

The Minister said: "An analysis shows that grants totalling $2.5m are being awarded for materials research, of which $1.4m is for research in materials target areas identified in the report Materials Research Opportunities for Australia, based on workshops sponsored by my department last November/December."

Mr Jones said he believed the government had shown a notable regard for research by increasing ARGS funds—this would substantially aid the expansion of Australia's research base and contribute to industrial and economic development. He endorsed the forward, looking changes in the Scheme prepared by the Chairman.

LARGE GRANT FOR THE PURCHASE OF AN ELECTRON MICROSCOPE

A grant of $130,000 has been made to Assoc. Prof. Noel Kennon towards the purchase of an electron microscope. The machine will cost about $300,000. It will be available to researchers in a number of departments and will

continued overleaf

The Poulenc Trio (see " 'Marie Snedden' Chamber Music Award" on page 2). From left are: Hamish McKeich, James Renwick and Leonie Khoury, inaugural winners of the 'Marie Snedden' Chamber Music competition, with Mr Andrew Snedden, husband of the late Marie Snedden

General Notices

PROGRESS REPORT ON PEDESTRIAN ACCESS TO UNIVERSITY

Ald. Frank Arkell, Lord Mayor and Member for Wollongong, has provided the following progress report on access to the University for pedestrians.

* The concrete footpath in Porter Street, from International House to North Wollongong Station and from Railway Crescent to Foleys Road, has been completed at a total cost to Council of approximately $50,000.

* The concrete footpath from Porter Street to Irvine Street (over the two bridges) has been constructed by Council and paid for by the Department of Main Roads at a cost of $43,000.

* Work is under way on the concrete footpath down the eastern side of Irvine Street from the bridge to the University. Estimated cost is $25,000.

* An additional 16 street lights have been installed along this access way by the Illawarra County Council. The annual charge on these lights will be $3730 and will be paid by Wollongong City Council.

Currently negotiations are under way with the State Rail Authority concerning improving the pavements within the North Wollongong Railway Station site.

'MARIE SNEDDEN' CHAMBER MUSIC AWARD TO THE POULENC TRIO

Four chamber music ensembles performed in the final of the 'Marie Snedden' Chamber Music Competition held at Gleniffer Brae on Saturday evening, October 11.

The inaugural award of $700 was awarded to the Poulenc Trio performing the Divertimento No. 3, K439 by Mozart.

It was interesting to note the representation of Illawarra musicians participating in the competition final, particularly in the Sydney based ensembles; one happened to be the winning ensemble led by Wollongong Conservatorium flute tutor, Leonie Khoury. Leonie's colleagues were James Renwick (clarinet) and Hamish McKeich (bassoon).

The players took this opportunity to launch their established wind trio as the Poulenc Trio and from the point of posterity it will be interesting to observe the future development of both the competition and the Trio, each having had its inauguration at Gleniffer Brae.

FINDING MINERALS FROM SPACE

A workshop on the use of space satellite imagery in minerals exploration will be held at James Cook University in Townsville in May of next year.

The workshop is being organised by the Economic Geology Research Unit at the University in cooperation with the CSIRO Division of Mineral Physics and Mineralogy and the Remote Sensing Unit of the Queensland Department of Mapping and Surveying.

The workshop will focus on numerical analysis, enhancement and interpretation of imagery from satellites such as Landsat 4, NOAA/AVHRR and airborne multi-spectral scanning systems.

Head of the Economic Geology Research Unit Professor Bob Carter said the workshop will be designed to meet the needs of the Australian exploration industry, particularly companies interested in gold mineralisation and associated systems. It should have special appeal to the many companies exploring in North Queensland.

Further information: Bob Carter, Phone 077–814486.

DIFFERENT PATHS–ONE DESTINATION

Wollongong's Lord Mayor, Ald Frank Arkell, will open a Religions Symposium at Macquarie University. The symposium, organised by the Sri Venkateswara Temple

Research grants

continued from page 1

constitute a University facility of international standard in electron microscopy.

The instrument will be capable of:

(i) high-quality imaging in the transmission, scanning and scanning transmission modes;

(ii) High-precision micro-area chemical analyses by energy dispersive x-ray spectrometry;

(iii) micro-area diffraction; and

(iv) convergent beam electron diffraction.

It will be of immediate benefit to several research groups including:

Department of Metallurgy and Materials Engineering

- Hot Rolling and Welding of Micro-alloyed Steels—Dr D.P. Dunne
- Rapid Solidification of Metals—Dr G.W. Delamore
- Shape Memory Alloys—Assoc. Prof. N.F. Kennon
- Performance of Engineering Alloys under service conditions—Professor W.J. Plumbridge

Department of Geology

- Studies on the fine structure of Vitrinite and Liptinite with applications to oil exploration—Professor A.C. Cook

Department of Biology

- Metabolism of Bioactive Peptides.

The grant represents the largest equipment allocation ever made by ARGS to The University of Wollongong.

1987 ARGS GRANTS AWARDED TO WOLLONGONG

Existing Projects

Dr R.M. Lilley, Biology	$22,500
Dr R.M. Lilley and Dr A.D. Brown, Biology	20,000
Dr A.J. Hulbert, Biology	26,203
Dr R.J. Whelan, Biology	22,130
Prof C. Kane-Maguire, Chemistry	43,713
Dr S.G. Pyne, Chemistry	23,608
Assoc Prof D.J. Clarke, Maths	4,290
Dr G.C. Nanson and Dr R. Young, Geography	19,000
Dr T. Chandra and Dr D.P. Dunne, Metallurgy	14,000
Dr F.J. Paoloni, Elect and Computer Eng.	9,000
Prof J.R. Blake, Dr G. Doherty, Dr C.J. Coleman, Maths	24,000
Assoc Prof N.F. Kennon and Dr D.P. Dunne Metallurgy	18,000
Prof J. Hagan, History	10,000
Prof P. Fisher, Physics	54,230
Dr W.J. Zealey, Physics	2,500
Assoc Prof L. Viney, Psychology	14,000
Prof W.J. Lovegrove, Psychology	21,800

New Projects

Dr H. Spencer, Biology	$26,000
Dr D.W. Griffith, Chemistry	23,860
Dr P.T. Crisp, Chemistry	4,600
Dr M.J. Garson, Chemistry	16,175
Assoc Prof N.F. Kennon, Metallurgy	130,000
Dr W.K. Soh, Mechanical Eng.	10,000
Dr T.S. Ng, Elect. and Computer Eng.	10,500
Dr B. Martin, S.T.S.	10,000
Dr W.J. Zealey and Mr G. Moore, Physics	13,900
Dr S.L. Chow, Psychology	7,000

Association, will continue for the whole day on Sunday November 2 at the Macquarie Theatre.

Topics covered include Islam, Hinduism, Christianity, Buddhism, Judaism and a final session on two topics.

* Spirituality in the 21st Century
* Unity of Religions – A Global Perspective.

People interested in attending may contact the Friends of the University on (042) 270073 or Dr A. Balasubramanian, PO Box 59, Ramsgate NSW 2217.

Adults $12, children and students $5.

ARTS/COMMUNICATION DAY – WOLLONGONG DAY – NOVEMBER 2

You are invited to attend a one-day workshop on Sunday November 2 at the School of Creative Arts, Wollongong University. The workshop is part of Network's 'Accessible Arts' project which has been designed to help develop new and existing programs in creative activities for people with disabilities.

On this day Network is endeavouring to bring together artworkers (who have worked with disabled people or would like to work in this area), organisers and supervisors of disabled groups, to help develop more creative projects for the disabled in the Wollongong area.

Time 9 am – 4 pm, numbers limit of 30 people, venue room 110, building 25, aims of workshop are to provide an enriching experience in creativity, to stimulate ideas for future projects, to encourage hands,on activities for participants to develop new techniques, to establish further the network of Artworkers involved with people with disabilities.

The day's group activities will be supervised by Fibre Artist, Liz Jeneid, and Chris Barker, Artist in Residence, Accessible Arts. Two one-hour sessions will be held to encourage a skills exchange, thereby developing the participants, self expression through these practical group sessions.

AUSTRALIAN INSTITUTE OF MANAGEMENT ANNUAL DINNER

Mr Peter Jack, Branch Chairman, Australian Institute of Management, NSW Limited Illawarra Branch, requests the pleasure of the company of members and their partners and guest at the annual dinner to be held at Horsley Homestead, Horsley Drive, off Bong Bong Road, Dapto, on Monday November 24.

Guest and principal speaker will be Mr Wilfred Jarvis.

Dinner 8 pm, Tickets $25 per person, dress Lounge suit.

THE AUSTRALIAN BICENTENNIAL AUTHORITY SCIENCE AND TECHNOLOGY PROJECTS

The Australian Bicentennial Authority has set up a Science and Technology Projects Committee, which aims to generate interest in the research, corporate and government sectors, for developing projects of lasting value to the nation in the field of Science and Technology.

The committee, which is aware that the university is closely involved in this field, believes it may be mounting schemes which could attract support to be promoted for the Bicentenary.

The committee wishes to identify possible projects to be married to potential corporate sponsors, or to attract special government support.

Staff wishing to nominate projects for consideration are asked to contact Mr Tom Moore of the Office for Research and Postgraduate Studies (ext 3386).

GET ON TO VIATEL NOW

Contact Giles Pickford, Viatel Officer, this month: we go live across Australia in November.

You will have read in ***Campus News*** of this inexpensive and efficient way to reach a huge national audience.

UNIVERSITY RESEARCH GRANTS

Applications for internal research funding are due on Friday, October 31. Ian Chubb, Deputy Vice-Chancellor and Chairman of the Board of Research and Graduate Studies (ext 3940), and Linda Viney, Deputy Chairperson of the Board (ext 3693), are happy to be consulted about the presentation of the research proposals of staff members.

Viatel is the national videotex service run by Telecom Australia. In 18 months it has attracted over 150 service providers (organisations who want to provide information on their services and activities) and 15,000 subscribers (people who want to find out what is going on from a huge database at a cost usually below that of buying a newspaper).

If the British experience is anything to go by, the service will expand by orders of magnitude over the next few years and will provide the University with a shopfront window to the world which could in the end rival the other media.

For a demonstration ring Giles on ext 3073.

BIOTECHNOLOGY OPPORTUNITIES IN NEW SOUTH WALES

The NSW Science and Technology Council has released a report which identifies the State's strengths in biotechnology.

The report provides information about 21 new biotechnology companies in New South Wales, including the nation's leading companies in this vital new technology area.

The report also describes how traditional industries, including food and brewing, chemicals, plant agriculture, animal husbandry and veterinary and pharmaceutical products, can benefit from applying biotechnology.

Together these industries contribute $10,000 million to the State's manufacturing economy and employ 80,000 people.

The report demonstrates the strong scientific and technological base for biotechnology in New South Wales, identifying over 140 biotechnology research and development (R&D) projects being carried out in tertiary and research institutions in New South Wales and the Australian Capital Territory.

Commenting on the report, Mr David Easson, Director, NSW Department of Industrial Development and Decentralisation, and Executive Member, NSW Science and Technology Council, stated: 'The purpose of the report is to raise awareness of the outstanding resources available in New South Wales to assist industry in the development and application of biotechnology products and processes'.

The principal recommendation in the report is the establishment of a 'Biotechnology Desk' to assist companies in the State in developing and applying biotechnology opportunities.

'Dr Alex Shamgar has been appointed to head the Biotechnology Desk', Mr Easson said. He continued: 'The Biotechnology Desk, with the Council, will be developing detailed recommendations to the NSW Government to enable the State to maximise industrial growth based on New South Wales' strengths in the biotechnology industry. Specific opportunities to be examined include the application of biotechnology to the food, human pharmaceutical/medical, veterinary/animal husbandry and plant propagattion in industry sectors'.

$ources of Funds

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

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

RESEARCH ASSISTANT SALARY RATES 1987

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

Tom Moore
Office of Research and Postgraduate Studies

SPECIAL RESEARCH GRANTS

Application forms are now available for internal research grants for 1987.

In consequence of the delay in producing the revised application form, the closing date for the submission of applications has been extended to Friday November 7.

Application forms and further information are available from Ian Strahan, ext 3079 or Tom Moore, ext 3386.

STUDY AWARD SCHEME 1987

Worksafe Australia invites applications under the WORK–SAFE AUSTRALIA STUDY AWARD SCHEME from persons wishing to undertake training in occupational health and safety related disciplines. People with relevant work experience as well as graduates may apply.

The following levels of courses are eligible for support under this scheme:

– Associate Diploma, Diploma and Degree level courses (in some cases TAFE courses may be eligible); and

– Postgraduate Diplomas, Higher Degrees by course sork or research.

The awards cover fees, and may provide other allowances as applicable for the length of the course for which the award is made.

Closing date November 28.

WORKSHOPS ON FAST PACKET SWITCHING AND RELATED RESEARCH

ATERB (Australian Telecommunications and Electronics Research Board) recently formed a sub committee on Fast Packet Switching (FPS) and allocated funds to support the holding of a workshop to foster cooperative research in this rapidly developing field.

ATERB wishes to support a coordinated program of focused complementary investigations relating to fast packet switching and its application to integrated information services. You are invited to register your interest in such a program.

Fast packet switching involves much more than a switching mechanism. It is a new generation of communication networks that will be able to support a new range of applications. The development of FPS will require many new studies and developments to be commenced, including terminal equipment, variable rate encoding for voice, video and images, customer access and network protocols, switching architectures, performance analysis, and network management techniques.

Two one-day workshops are planned. The first is aimed at identifying research topics and interested institutions in the field of fast packet switching and its applications, and planning future complementary activities.

The second workshop will focus more on current and planned research. A guest speaker from overseas will give insight into some of the international developments and further stimulate local research.

Registrations of interest should be sent by October 31 to Dr Paul Kirton, Telecom Australia Research Laboratories, PO Box 249, Clayton, Vic 3168.

CALL FOR SUBMISSION OF WATER RESEARCH PROPOSALS

The Australian Water Research Advisory Council (AWRAC), established to advise the Commonwealth Government on water research, invites submissions of proposals for water research funding. Funds are available to allow selected projects to commence during 1987.

Proposals must fall within one of the following programs which should be clearly nominated on the application form.

1. NATIONAL PRIORITIES PROGRAM

Support will be provided in the form of project funding of maximum 3 years duration for research with in interim national water research priorities identified by AWRAC. A limited number of research fellowships may also be offered within this program. The latest date for receipt of proposals in this program is November 21.

2. PARTNERSHIP RESEARCH PROGRAM

AWRAC wishes to assist the water industry through a program of partnership research likely to produce results of practical benefit to the industry in the short term. Funds provided under this program must be matched by a third party (not the organisation carrying out the research). AWRAC has identified a number of project opportunities for partnership research, however, other opportunities supported by third parties will considered. The latest date for receipt of these proposals is December 30.

3. SCIENTIFIC MERIT PROGRAM

Limited funding will be provided for research of a fundamental nature which falls within AWRAC's definition of water research. The research must have significant potential to produce an important breakthrough in theoretical understanding. Proposals in this area will be judged solely on the grounds of excellence. Researchers should note that only a small proportion of available funds will be provided for this category. The closing date for receipt of proposals in this category is December 30.

All groups with appropriate research skills are eligible to submit proposals for project funding. Proposals for award of research fellowships (Priorities Program) are invited from suitable qualified individuals.

PREVIOUSLY REPORTED IN CAMPUS NEWS

Name	Closing Date With Agency
Victorian Ministry of Education	October 31
Moet & Chandon Australian Art Fellowship	October 31
Martin Bequest Travelling Scholarship	October 31
Rural Women's Access Grants	October 31
Chifley Essay Prize	November 1
McNamara Fellowships	November 1
Dominique Segan Drawing Prize	November 1
Special Research Grants	November 7
Aboriginal Overseas Study Awards	November 14
Australian Council: Aboriginal Arts, Music and Visual Arts Boards	November 15
Capital Grants for Arts Facilities	November 21
ATERB Project Grants	November 28
Aust. Production and Inventory Control Council	November 28
World Wildlife Fund	November 30
Wool Research and Development Fund	December 5
Australian Wool Corporation	December 5
Honey Research Council	December 31
Aust. Meat & Livestock R&D	December 31
Chicken Meat Research Council	December 31
Wellcome Trust Medical Science	January 12
Japan and China Exchange Agreements	February 1
Ashton Scholastic 1987 picture book awards	
Registration as Road Safety Research Consultant	N/A
Research Into Drug Abuse	N/A
Carnegie Corporation	N/A
Criminology Research Grants	N/A
Utah Foundation	N/A

Books Received

THE SHADOWS OF THE MYSTERY

Rocco Petrolo, The Shadows of the Mystery, Warrawong (NSW), 1986.

After having arrived in Australia in 1950 Rocco Petrolo (born, Gioiosa Marina, 1918) began writing poetry, almost as if the migration experience had released a hidden and as yet unrealised artistic talent which was to be expressed not only through his poetry but also through his painting. Petrolo has been writing verse for nearly 30 years. He writes in three languages: Italian, English and his native dialect of Calabria. English is his third language and he learnt it, mainly by himself, after his arrival in Australia, with the aid of a grammar, a dictionary and by reading the classical works of English literature, his favourite authors being Shakespeare and Byron.

The Shadows of the Mystery, his first collection of verse published in volume form, contains, significantly enough, a selection of his poetry in English. It may be considered as representative of his poetic production which includes among its themes observations on contemporary society (sometimes in the vein of the Roman poet Trilussa as in 'The Lion's Skin'), considerations on the meaning of life and death, ***The Shadow of the Mystery,*** reminiscences of his native land ('To Camocelli') and the homespun wisdom of a modest but intellectually active man. The example provided by Rocco Petrolo and others like him serves as a reminder that non-English speaking immigrants did not come to this country for bread alone.

A copy of this volume has been placed in The University of Wollongong library.

eeo news....

REPORTING ON OUR PROGRESS

In my September 9 Campus News article, I announced that the Commonwealth Government's Affirmative Action (Equal Opportunity for Women) Act 1986 had been passed, requiring all higher education institutions to take systematic steps to remove any sex-based discrimination and to ensure that women, as well as men, are judged on their merits for jobs and promotions. At that time a date for implementation had not been established for universities.

This legislation, which will apply throughout Australia and to all private sector companies with more than 100 staff, is to complete its phased implementation by 1989.

An Affirmative Action Agency, a statutory authority in the Employment and Industrial Relations portfolio, has now been stablished under the Act to assist employers in developing programs and to monitor progress of these programs. As from October 1 the Interim Agency operating in Sydney has assumed this role. The University will be required to lodge its first report with the Agency on 30 September 1987.

The University of Wollongong in accordance with State Anti-Discrimination Legislation has already developed a program under its Equal Employment Opportunity Management Plan to eliminate discrimination not only on the ground of sex, but also on grounds of race, marital status, physical and intellectual impairment and homosexuality.

The first annual report under the State Legislation is due for submission to the office of Equal Opportunity in Public Employment in May 1987 and statistics and achievements will relate to the 1986 calendar year.

It will contain a comprehensive report on the success or otherwise of our 44 strategies contained in the original EEO Plan and the new strategies for 1987. It will also contain statistics relating to the outcomes of the 1985 strategies including recruitment, promotions, reclassifications, composition of selection committees, to name but a few.

Kathy Rozmeta
Ext. 3917

LETTERS

Dear Sir

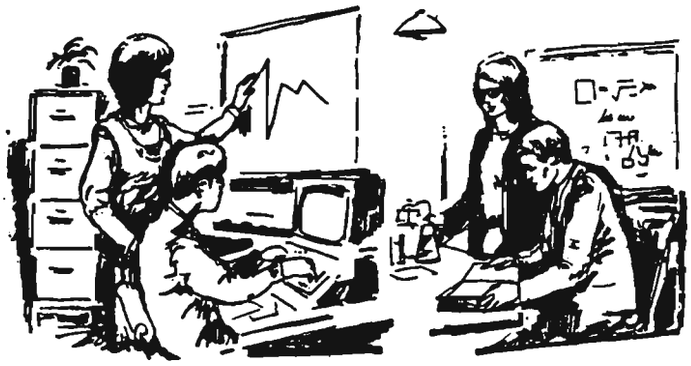
We are happy to forward to you the 1987-88 edition of our Asian Studies Program brochure. Our program is designed for a year or term abroad, in which students interested in learning about and directly experiencing the culture of the peoples of East Asia, particularly Japan, can enrol as a part of their on-going academic program. Emphasis is placed on the Japanese language, but a wide variety of courses from the fine arts to business administration is taught in English.

Our institution is located near the ancient capital cities of Nara and Kyoto, as well as Osaka. The lower cost of living compared with that in Tokyo may be yet another factor in a student's decision to come to Gaidai.

We also offer merit scholarships to all academically-qualified candidates. In addition, there are a number of English teaching assistantships available here at Kansai Gaidai.

Kajime Yamamoto
Director of Program Development
Kansai University of Foreign Studies
Osaka, Japan

A brochure is available at ***Campus News.***



Staff Roundup

CAMPUS BASED CHILD CARE?

You may believe, as I did until recently, that the attractive building near Entrance 1 means that there is adequate childcare at this university. Well, no. Despite the new wings, Kids' Uni can still accommodate only 50, and only ten of these are baby spaces. There are 900 staff here now and over 7000 students. You don't have to be a statistician to work out that that's simply not enough.

When I returned to full-time work recently, I was unable to get my three-month-old baby into Kids' Uni except on Fridays (for obvious reasons!). As I wanted to do the best by him and continue to breatsfeed, a 'minder' close enough to reach at lunchtime was essential. The only possible solution is pictured. If you feel that 16 weeks is a bit young to be on a 750, start lobbying now. You may not even have a kid yet but I've been around this university for ten years. This might be your bub!

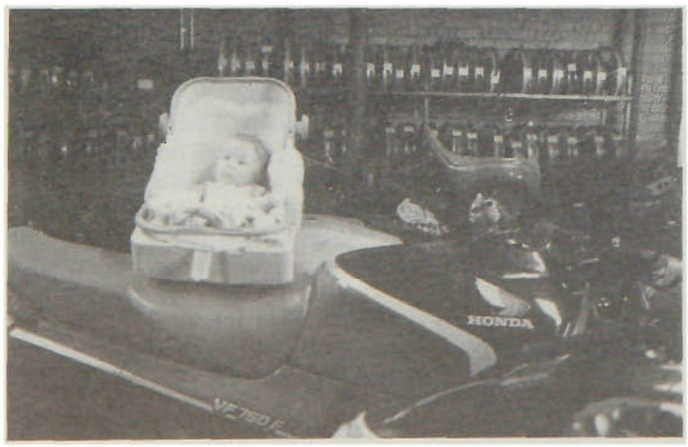
These comments in no way reflect on the standard of care offered by either Kids' Uni or Al's Motorcycle Wreckers. Both are fine. They are designed simply to inform you that, if you care about keeping your children close to you, you should use your power—yes, you have some—to help expand the facilities of our campus creche. Miranda Baker

CAREER DEVELOPMENT FOR STAFF WITH DISABILITIES

The Office of the Director of Equal Opportunity in Public Employment (DEOPE) will be running a two-day workshop, Career Development for Staff with Disabilities, on December 4 and 5.

The workshops aim to enhance the career prospects of staff with disabilities by assisting them to review their career aspirations in terms of their current skills and development and needs by developing interview techniques, assertive communication skills, education options and job acquisition skills.

Details regarding nomination for the workshop are available from Wendy Raikes, ext 3798.



Seminars

BIOMEDICAL EVENING

Seminar will be preceded by a char grill dinner at 6.30 pm in the Union Bistro. Those interested in attending the dinner should contact Dr E.J. Steele before the designated evening so that appropriate bookings can be made.

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

Date: October 30
Speaker: Professor G.L. Ada, John Curtin School of Medical Research, Canberra
Topic: Modern Approaches to Vaccines.
(Please note change of date).

Date: November 26
Speaker: Professor R. Penny/Dr D. Cooper, St. Vincents Hospital, Sydney.
Topic: AIDS

AUSTRALIAN INSTITUTE OF MANAGEMENT – THE EXCELLENT AUSTRALIAN MANAGER

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

DEPARTMENT OF BIOLOGY

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

Date: Tuesday October 28
Speaker: Mr Keshav Singh, Department of Biology
Topic: Clumping characteristics and polyphosphate degradation in Pseudomonas sp. isolated from sewage sludge.

DEPARTMENT OF GEOLOGY

Seminars are usually held between 12.30 pm and 1.30 pm in the lecture theatre on Thursdays. Building 35 G.19.

Thursday October 30
Dr Adrian Hutton
'Torbanites of the World'.

DEPARTMENT OF CHEMISTRY

Speaker: Dr Steven Krilis, St Georges Hospital, University of NSW
Topic: Leukotrienes as Mediators of Disease
Date: Friday October 31
Time: 10.30 am in Room 18.206

SCHOOL OF INDUSTRIAL AND ADMINISTRATIVE STUDIES

Title: Rational Approximations Using Continued Fractions
Speaker: Dr Graham Winley, Senior Lecturer, SIAS
Date: Thursday October 30
Time: 11.30 am
Place: Building 22, Apple Lab 3 (ground floor)

OPEN SEMINAR SERIES – THE BRAIN AND LEARNING

Pentagon 4, Monday evenings, 7.30 – 9.30 pm

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

November 10: To be announced.

WOMEN'S STUDIES

Speaker: Noeline Kyle and Jennifer Jones (Education)
Title: The impact of a change from single sex school to co-education, in secondary schools
Date: November 4
Place: Building 19.2105
Time: 1 pm (seminar will be followed by an end-of-session Melbourne Cup breakup. (BYO) Inquiries, S. Uniacke, ext 3604).

FACULTY OF ARTS INTERDISCIPLINARY METHODOLOGY SEMINAR

Dr Ben Kiernan, from the Department of History and Politics, author of ***How Pol Pot Came to Power,*** and editor of ***Burchett: Reporting the Other Side of the World***, will talk about problems of interpretation in history—Trying to Make Sense of Pol Pot's Kampuchea. Sociology Department Seminar Room, Thursday October 30, 12.40 pm (bring your lunch).

DEPARTMENT OF MATHEMATICS

Speaker: Dr Peter Hall, Department of Statistics, ANU
Date: Wednesday October 29
Room: 15.204 (Austin Keane Building)
Time: 1.30 – 2.30 pm
Title: An Edgeworth view of the bootstrap

Concerts, Exhibitions and Entertainment

RODNEY HALL READING

Rodney Hall, noted Australian poet and novelist, will give a reading today October 28, in the Northern Lounge, Union Building from 12.30 to 1.30 pm.

Further information from Ron Pretty ext 3867.

TONIGHT WE ANCHOR AT THE BRIDGE THEATRE

Following a successful Sydney season at The Wharf Theatre, and excellent reviews from the critics, Theatre South's production of Catherine Thomson's play, Tonight We Anchor in Twofold Bay opened at The Bridge Theatre last week to a delighted Wollongong audience.

Directed by Des Davis, the play brings to the stage the life-spirit of the South Coast town of Eden, from its legendary whaling days to the present-day life of tuna, timber and tourism. But it is not just a social documentary: it is a series of scenes, anecdotes, sketches and haunting songs which together make up a warm-coloured, impressionistic picture of country life.

Tonight We Anchor in Twofold Bay plays at The Bridge Theatre, Wednesday to Saturday until November 1. For bookings, phone 296144.

Scene from Theatre South's Twofold Bay

CHAMBER ENSEMBLE

The University Chamber Ensemble conducted by John Stender will present an evening concert tomorrow October 29 at 7.30 pm in the University School of Creative Arts Music Auditorium (Building 24 access from Entrance 4).

Recently formed by School of Creative Arts lecturer, John Stender, this ensemble has as its nucleus the string players presently enrolled in the Bachelor of Creative Arts Degree course. Several of the district's most enthusiastic string players have also joined its ranks.

In tomorrow's concert the string players will be joined by the outstanding young pianist Alexander Katz in Schubert's 'Trout' Quintet, and there will also be a performance of Schubert's original song 'Die Forelle' by Leyla Nassif.

Peter Clark will be soloist in Vivaldi's D major Guitar Concerto.

First performances will be given of new compositions by Marie Waalkens, Terry Moran and Peter Bloor.

Principal violinist of the ensemble, Kathleen Ralston will also be leading a performance of one of Haydn's early but rarely heard string quartets the op.3,no.3.

The concert will conclude with Dag Wiren's scintillating Serenade for String Orchestra.

With admission at $2 and $1 including supper this promises to be a most enjoyable evening.

WOLLONGONG FILM SOCIETY

A double-feature classic film program is to be held on Saturday, November 1, at the WEA Centre, 97 Corrimal Street, Wollongong.

Wild Strawberries by Ingmar Bergman at 4.30 pm. Probably Bergman's most admired film.

L'avventura by Antonioni at 7.30 pm.
The enigmatic masterpiece that pushed forward the boundaries of film-making and brought Antonioni world recognition.

Cost is $4 entire program. Tea and coffee are available. Enquiries to Joan Phillips on extension 3526.

The Wollongong Film Society meets every Wednesday at 7.30 pm at the WEA Centre. New members always welcome.

CONCESSION TICKETS

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

Eugene Onegin Saturday November 1 1 pm

David Vance, Music Development Officer, ext 3617.

Scholarships and Prizes

KOBE STEEL POST–GRADUATE SCHOLARSHIP AT OXFORD – 1987

Applications are invited for the Kobe Steel Postgraduate Scholarships to the University of Oxford. One scholarship will be awarded each year for postgraduate study at St. Catherine's College, Oxford.

The scholarship has been made available by Kobe Steel Ltd, a Japanese company, and is open to graduates of Australian universities.

The purpose of this scholarship is to give financial support to outstanding young Australians undertaking postgraduate study in the UK, and to help them deepen their understanding of the interrelations between Australia, the UK, and Japan, with the long-term view of strengthening the relations among these countries.

All applications must be made on the official application form, which must be lodged with the General Manager, Melbourne Office of Kobe Steel Ltd (level 27 ANZ Tower, 55 Collins Street, Melbourne, Vic. 3000) on or before October 31 for the scholarship to be taken up in September 1987.

Further information and application forms from registrars of Australian universities or the Melbourne Office of the Company.

DEPARTMENT OF HISTORY AND POLITICS POSTGRADUATE SCHOLARSHIP

Applications are invited from scholars interested in writing a history of the Transport Workers' Union of Australia. The successful applicant will be expected to enrol as a doctoral candidate within the Department of History and Politics, the University of Wollongong, and must possess as a minimum qualification, a good honours degree. The completed thesis will be the basis of a book-length publication. The value of the scholarship stipend will be $8,500 pa, subject to review, and the TWU will provide limited assistance for the visiting of its branches.

Further inquiries may be made to Professor Jim Hagan, Department of History and Politics, University of Wollongong, PO Box 1144, Wollongong; Phone (042) 270675. Applications close October 31.

Job Vacancies

Details of the positions listed below are on file in the ***Campus News*** Office – room G24A, on the ground floor in the administration building.

Adelaide	Electronics and Computing Engineer (Engineer Grade 1) Foundation Professor of Management Tutors in Economics, Department of Economics Lecturer in Plant Pathology (Tenurable) Department of Plant Pathology
Aust Inst. of Sport	Laboratory Technician (Biomechanics) Laboratory Technician (Physiology)
ANU	Tenured appointments in Chemistry Research School of Chemistry Assistant Instructor in the Legal Workshop Faculty of Law
James Cook	Professor of Physics-Department of Physics
Macquarie	Chair of Education, School of Education

friends Campus Community Interface

THE FRIENDS CALENDAR

November	
Wednesday 5	Graduates Group 6 pm Union Board Room,
Wednesday 12	Projects Committee 5 pm Union Board Room
Friday 14	Community Involvement Committee 5.30 pm Town Hall Meeting Room
Sunday 16	Conservatorium of Music Open Day and Friends visit to the Conservatorium, Glennifer Brae
Friday 21	Accountancy/Friends Valedictory Dinner to the Graduating Class
December	
Friday 19	Thank You Lunch for Senior Citizens Working Party. Friends House

Advertisements

TO LET

B/V residence in Figtree Heights, semi-rural views, bus route. Lease preferably between December 1986 to June 1987. Academic going on study leave. Further information ext 3055 or 285136.

WANTED TO RENT

Room in a house or a house, preferably near the sea, wanted for a Sydney resident working at the University. Any offers considered!

Please ring: Caroline Alcorso, Centre for Multicultural Studies ext 3780 or 02-515365.

CHRISTMAS CAKES

Lion's Club christmas cakes now available, or to order. From Bill Trueman. Library ext 3539. Cost $5.95 for 1½kgs.

FOR SALE

Stove from kitchen renovation $50. Hot plates and oven, bench top style. Good working cond., ideal for holiday cottage. Contact Marilyn Johnson ext 3926.

SAAB Turbo, Aug. '81, 5-door, 5-speed, many extras, good condition. Ph. 281411 (w) 261787 (h). $14,950 ono.

Keiraville, b/v, 4-bedrooms, ensuite, 3 BIWs, lounge, dining, sunroom, double brick carport, large storage room, established trees. $115,000. Phone 288024.

WANTED

She (Longmans, London, 1887); Ayesha: The return of She (Ward, Lock, London, 1905); She and Allan (Hutchinson, London 1921) and Wisdom's Daughter (Hutchinson, London, 1923); by H(enry) Rider Haggard. Later editions acceptable. To purchase or 'lease'. Contact Michael Arrighi through English Department or phone (042) 715539.