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Editor: George Wilson, tel. (042) 270391

7 April 1987

HIGH TECH AND EARLY HISTORY

University research looks forward and at our past. Two significant areas of research are highlighted in *The University of Wollongong Gazette* for March-April. The issue, published and distributed last week, described the Microwave Applications Research Centre, set up jointly by The University of Wollongong, Industrial Microwave Applications Pty Ltd – formerly Hi-Tec Control Systems – and the Illawarra County Council. The Centre will have the capacity to undertake contractual research in microwave technology. This work will be arranged through Uniadvice, the consulting arm of The University of Wollongong.

The official opening ceremony at the Coniston Centre was carried out by Mr Peter Cox, the NSW Minister for Industry and Small Business, Energy and Technology, on Friday March 20.

The Microwave Application Research Centre was formed after extensive and thorough discussions between participants. Appointed by the University as its Honorary Professor and Interim Director is Howard K. Warner, CGE, FAA, FTS, a scholar with a lifetime of experience in Australian industry and as a university academic. He has been an industrial consultant since 1981. Before that he was a Member of the National Energy Research and Development Committee, and before that Chairman of the Victorian Coal Committee, later Council, and Chairman of the National Energy Advisory Committee. From 1964 to 1975 he was Director of New Process Development, CRA, Ltd. The list of his degrees and appointments extends over three typed sheets.

The aims of the Centre are summarised in a pamphlet produced by Uniadvice.

Achievement of the aims will require the multidisciplinary expertise of Dr Frank Paolini and Professors Smith and Bradlow in the Department of Electrical and Computer Engineering, Professor Peter Arnold in the Department of Mechanical Engineering, Associate Professor Nick Standish in the Department of Metallurgy and Materials Engineering, and Professor Alan Cook in the Department of Geology.



Fr Eugene Stockton and Dr Gerald Nanson at the Penrith quarry site where artefacts dating back 45,000 years have been discovered

From left are microwave drying researchers Dr Arnold McLean, Professor Howard Warner and Dr Frank Paoloni



45,000 YEARS AGO

Drs Gerald Nanson and Bob Young of the Geography Department at Wollongong University and Fr Eugene Stockton, who is a Catholic Priest and a part-time archaeologist, have recently described artefacts found within the 45,000-year-old gravels of the Cranebrook Terrace on the Nepean River near Penrith. This work, now in press with the journal, *Archaeology in Oceania*, is bound to create a stir among Australian prehistorians, for the site is about 5,000 years older than the next-oldest archaeological site in Australia, that being on the upper Swan River in Western Australia. Equally important is that the Nepean site, in combination with evidence from the Swan River, con-

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General Notices

THE CHINA CONNECTION

Australia-China Collaborative Program in Chemistry

In the past 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 has 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. China is the world's largest producer of rapeseed, the oil of which is used for margarines and cooking oils.

He is sponsored by the Australian Centre for International Agricultural Research (ACIAR) 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 1987 and 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 in the latter half of 1987 supported by an Academy of Science Australia-China exchange grant. He will also visit China to present an invited lecture at the 2nd Beijing Instrumental Analysis Conference in October.

THE PROBLEMATIC TEXT

... a lecture series in the Department of English which examines contemporary notions of textuality.

Speakers include Dr Stephen Muecke, Faculty of Humanities and Social Sciences, NSW Institute of Technology;

Dr Ross Gibson, independent film maker and author of *The Diminishing Paradise*; Dr Gay McAuley, Department of French, University of Sydney; Mrs Terry Threadgold, Department of English, University of Sydney; Dr Gunther Kress, Dean, Faculty of Humanities and Social Sciences, NSW Institute of Technology; Dr Anne Cranny-Francis, Department of English, University of Wollongong.

Topics covered will include Australian literature and film, poststructuralist theories of text, performance theory, semiotic theory, linguistic/discourse theory, feminist rewritings of generic fiction (SF, fantasy, detective fiction).

The next lecture of the series will be held at 12.30 today Tuesday 7 April, in Room 1125, Building 19.

Ross Gibson will speak on/with his film, *Camera Natura* about The Space Of Australia And What To Do With It In Art.

THE AUSTRALASIAN INSTITUTE OF MINING AND METALLURGY ILLAWARRA BRANCH

Technical Meeting.

Date: Wednesday April 15

Place: Pentagon — Lecture Theatre 1 (Building 20), The University of Wollongong.

Time: 7 pm for 7.30 pm

Speaker: Dr R.D. Lama, Manager, Mining Technology, Kembla Coa and Coke Pty Ltd.

Topic: The Presence of Mixed Gases, Drainage and Ventilation System Design.

Presidential Dinner.

Date: Friday May 1.

Place: Northbeach International Hotel, North Wollongong.

Time: 6.30 for 7 pm

RSVP: Mrs A. Holland of Joint Coal Board (Telephone 042 - 834011).

Dr D.O. Zimmerman's (President 1987) address will be on the Rheinbraun Lignite Rehabilitation Story.

ORAL HISTORY ASSOCIATION OF AUSTRALIA FIFTH NATIONAL CONFERENCE

The Oral History Association of Australia's fifth biennial conference, entitled 'Oral History in the 1980's: Boom or Bust?', will be held at St John's College, Sydney University, between May 15 and 17. Keynote speaker will be Professor Patrick O'Farrell from NSW University.

The Saturday sessions will also include speakers critically examining the role of government funding in oral history projects; oral history and aboriginal history, oral history and women's history and oral history on the screen. A workshop on equipment and how to use it will be run later in the afternoon.

The conference dinner will be in the dining room at St

45,000 Years ago from page 1

firms the widespread occurrence of prehistoric people on the Australian continent over 40,000 years before present (BP).

Gerald Nanson and Bob Young have been studying the geomorphology and sedimentology of the Cranebrook Terrace since 1982, but its great archaeological significance did not become apparent until last year. Artefacts were known to occur within the terrace, for Eugene Stockton described a number of tools found there in 1973.

Determining the age of the site, however, proved problematic. A radiocarbon date from wood found in association with the artefacts gave an age of only 27,000 years BP, a result not of great archaeological significance.

In a very detailed analysis of the geological evolution of the Cranebrook Terrace, Nanson and Young dated additional timber deposited within the gravels, getting

ages not much older than 27,000 years. Still not convinced that these results were entirely accurate, they sent additional samples to the Australian National University with specific instructions to check for any slight contamination of this old wood. Younger organic carbon matter within the ground can impregnate ancient organic matter, resulting in erroneously young dates.

Sure enough, these very carefully dated samples revealed contamination by younger carbon but, more importantly, they showed the true age of this buried timber to be greater than 40,000 years BP.

Further confirmation of this considerable age came from *thermoluminescence dating*, a technique quite independent of radiocarbon dating (see the *Gazette*, Nov. 1986). This approach showed the gravels in which the artefacts were found to be 43,000–47,000 years old.

SUBSTANTIAL FUNDING INCREASES FOR 1987

Faculties have received substantial increases in funds for both housekeeping (table 1) and equipment (table 2) in 1987.

The housekeeping allocation increased by 38 per cent (from \$1.035 million in 1986 to \$1.415 million in 1987)

— the equipment allocation increased by 30 per cent (from \$0.722 million in 1986 to \$0.943 million in 1987). In addition, an amount of \$0.41 million was allocated for computing and word-processing equipment in 1987.

Table 1 — Housekeeping

1986 Allocation	Faculty	1987 Allocation	Postgraduate* Student Allocation	Total
220,618	Engineering	249,066	44,550	293,616
208,329	Arts	258,926	23,034	281,960
112,708	Mathematical Sciences	148,828	2,673	151,501
325,960	Science	381,727	40,425	422,152
98,334	Commerce	158,212	2,442	160,654
69,588	Education	112,335	4,884	117,219
1,035,537	Total	1,309,094	118,008	1,427,102

*A further 20 per cent will be distributed after 30 April 1987.

Table 2 — Equipment

1986 Allocation	Faculty	1987 Allocation	Research Equipment Allocation	Total
235,000	Engineering	200,000	168,760	368,760
102,000	Arts	60,000	31,024	91,024
71,500	Mathematical Sciences	48,000	13,192	61,192
257,500	Science	237,000	141,900	378,900
40,000	Commerce	5,400	1,875	7,275
16,700	Education	31,000	5,600	36,600
722,700	Total	581,400	362,351	943,751

In addition to the above, an academic reserve of \$150,000 has been allocated to faculties following a review of 1987 enrolments.

J.W. Langridge
Deputy University Secretary

John's College and the after-dinner speaker will be Associate Professor Peter Spearritt from Macquarie University.

Further information and registration forms from Ruth Thompson, 25 Musgrave Street, Mosman 2088, telephone (02) 9603476.

NO SMOKING IN ADMIN BUILDING

Following a survey of staff in the University of Wollongong's new administration building the decision has been made to declare the building completely smoke free.

The survey found that the majority favoured a complete ban on smoking. Even the smokers have accepted it. Some even say it will help them cut down.

Lecture rooms and the University's Council Room were previously declared to be no smoking.

The University Secretary, Mr Ken Baumber, reports that he is impressed by the co-operation of staff — indicating a change of attitude in the community generally and a heightened awareness of the danger of smoking.

DISTINGUISHED VISITOR

Professor Dr Jurgen Weder from the Institute fur Lebensmittelchemie in Munich will be visiting Dr David Murray of the Biology Department in October. Professor Weder is internationally recognised for his studies on the seed proteins that inhibit trypsin and chymotrypsin, two of the

digestive enzymes that allow us to break down protein and assimilate amino acids.

Professor Weder is attracted here by the discovery that trypsin inhibitors from chick peas do not inhibit chymotrypsin — a finding announced by Dr Murray and Dr M.C. Shamanthaka Sastry at the 4th Federated Asian and Oceanian Biochemists' Congress in Singapore last December. The full significance of this discovery for the genetic improvement of seed quality in chick pea is discussed in a paper accepted for publication in the *Journal of the Science of Food and Agriculture*.

Professor Weder will be speaking about his own work and its relationship to the research on seed protein quality performed by Dr Murray and his colleagues over the past seven years in Wollongong. Further particulars will be announced in *Campus News*.

GOT ANY FEEDBACK?

Letters to the Editor are welcomed from members of the University for publication in *Campus News*. Letters should be on matters of general University interest and should be delivered to the Public Affairs Unit in the Administration building by the deadline advertised for each issue.

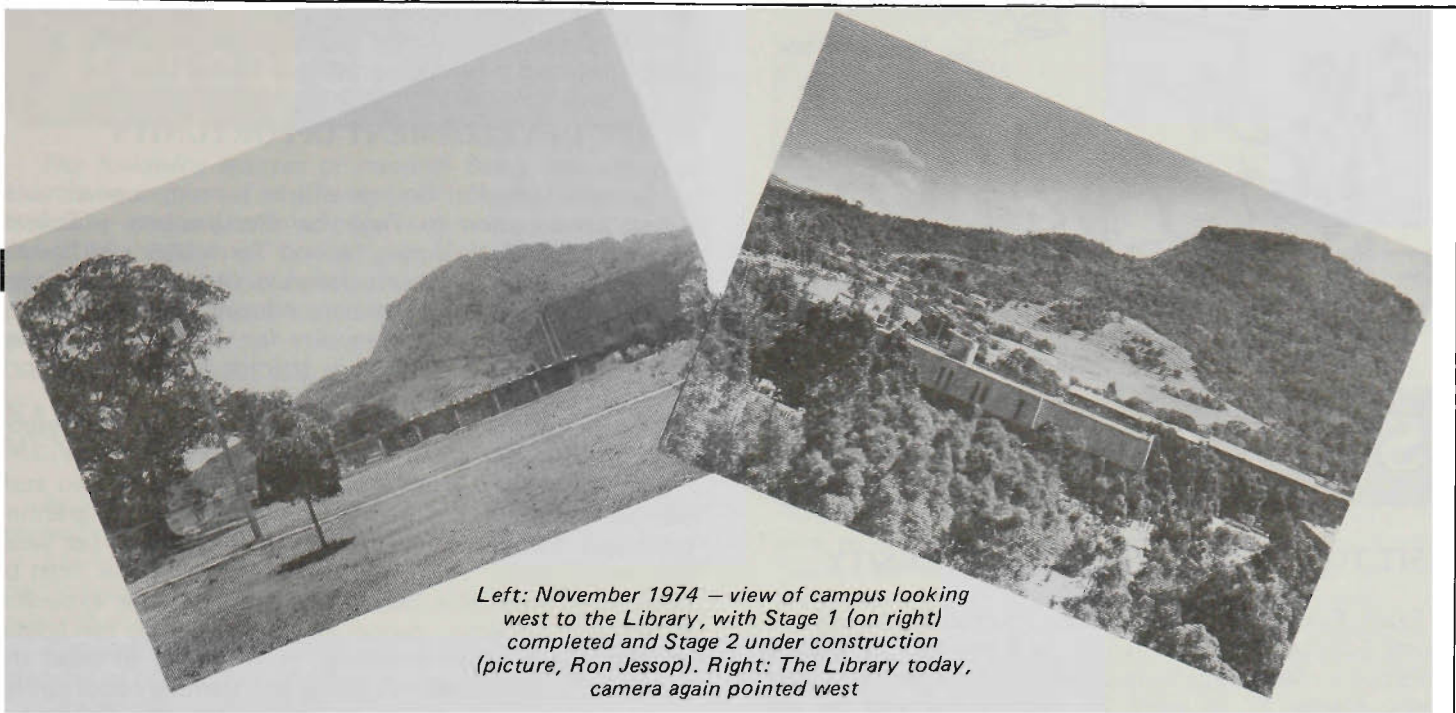
Letters should be brief, signed (legibly) and (preferably) typed in double spacing. A phone number should be added for checking.



April 1977, central area of campus from the Union. Lower picture shows the same area as it is today

Last Friday, April 3, the University celebrated its 25th birthday by declaring open the new Administration building. The pictures here show the university as it was – and as it is today



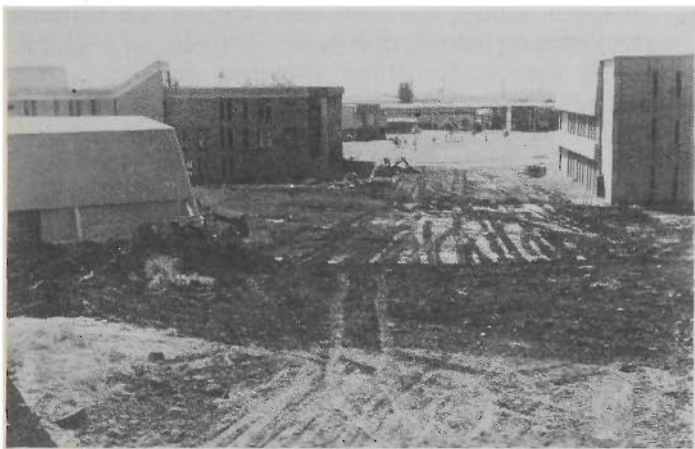


Left: November 1974 – view of campus looking west to the Library, with Stage 1 (on right) completed and Stage 2 under construction (picture, Ron Jessop). Right: The Library today, camera again pointed west

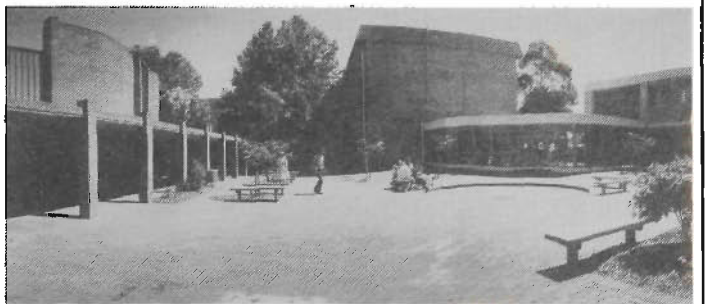
The new University Administration Building was opened on Friday of last week, April 3, by The Hon Stewart West, MP, the Member for Cunningham (NSW) and Federal Minister for Housing and Construction. Mr West was very much at home: his family moved to Wollongong from Forbes in 1941 and he was educated at Wollongong High School. He was elected to the House of Representatives in 1977, was re-elected in 1983 and he was elected to the front bench in 1980. There will be full coverage of the opening in next week's issue of *Campus News*



June 1974: eastern courtyard of Austin Keane Building – then the ACS Building



Above: February 1976 – view eastward from the Social Science Building, showing landscaping around Pentagon. Below: corresponding view today



March 1987: Engineering/Science extension to Austin Keane Building and new courtyard





Staff Roundup

VISIT TO SAN DIEGO STATE UNIVERSITY

Frank Pyke, Associate Professor, Human Movement and Sports Science, has been invited to a position of Visiting Professor to San Diego State University for a period of four weeks, March 27 to April 23. During this visit he will present several lectures on the application of Science to sport in the Department of Physical Education and Sports Science and will also present a one-day seminar on new advances in sports physiology to coaches and athletes in the San Diego area.

SUPERANNUATION INFORMATION SESSIONS

Information sessions on both the State Superannuation Fund (or 'old' fund) and the State Public Service Superannuation Fund (or 'new' fund) will be held on Thursday, April 30.

The sessions allow staff to gain an understanding of how the particular fund works, what happens to your money, and what you are likely to get when you retire. Staff will be able to ask questions during the session and/or privately at the end of the session.

If you wish to attend, please contact Joanne Hickey on ext 3935. Details of time and venue will be confirmed later.

Further details: Wendy Raikes, ext 3946.

ETW COURSE

The Business and Professional Women's Club of Illawarra are presenting an '*Effectiveness Training for Women*' (ETW) course which is specifically designed to assist women in making their lives more productive and satisfying. The course is for 30 hours and will be held locally over 2 weekends in May. Cost is \$135 with registrations closing April 16. A copy of the brochure is available from Wendy Raikes, ext 3946.

NB: Costs for this course are not available through University funds.

CYCLE CAREFULLY!

Some concern has been expressed recently regarding the hazards to pedestrians on campus caused by bicycles. Late last year a student was knocked down by a bicycle and sustained some severe bruising. A similar accident to a very young or more mature person could have been serious in its result. What is perhaps more significant is the apparent unconcern of the rider and this attitude can only ensure that eventually a serious accident will occur.

All cyclists, including university staff who are provided with cycles for their work, should remember that pathways through the campus are for pedestrians. Please ride slowly and carefully. You do enjoy the advantage that you are permitted to ride to close proximity of your classes

or work while all others must walk from the car parks, or bus stops. It would be a pity if careless riding led to complaints and possible cancellation of this privilege.

STAFF DEVELOPMENT OPPORTUNITY

Sydney Technical College will be running a new course called *Introduction to Technical Occupations - Science* on a part-time basis during Second Term (April 27 to June 26). The course has been designed particularly to meet the needs of women in tertiary education institutions. It aims at providing an opportunity for women with limited or no career paths to explore training and work opportunities in technical or laboratory fields.

Course participants would likely follow on with study for a TAFE certificate in either Chemistry or Biology.

The University is willing to support one or two staff members who are considering technical careers by granting paid leave for attendance at the course (one day per week over nine weeks). However, successful candidates must be prepared to pay their own travel and incidental expenses. Whilst the University cannot guarantee course candidates positions in a technical career, it is willing to assist the successful candidates by providing this training opportunity.

Interested staff should contact either Wendy Raikes (ext 3798) or Peg MacLeod (ext 3917) for further information and details of nomination, by April 10.

CURRENT VACANCIES

* Lecturers (several positions) (tenurable or limited term), Human Movement/Sports Science, Health Sciences, closing date April 17.

* Lecturer (half-time, limited term), Science and Technology Studies, closing date April 21.

† Conferences and Contracts Officer (Administrative Assistant Grade 2), Uniadvice (under the Staff Development Job Rotation Program), closing date April 9.

† Secretary/Bookkeeper (Administrative Assistant Grade 1), Uniadvice (under the Staff Development Job Rotation Program), closing date April 9.

Further details: for those vacancies marked *, Ross Walker, ext 3934, for those vacancies marked †, Gary Graham, ext 3935.

STAFF CHANGES

NEW STARTERS

Oehm, Mr. G.J., Teaching Fellow, Chemistry
 Sullivan, Ms F., Word Processor Operator, Faculty of Arts
 Young, Dr A.R., Lecturer, Geography
 Smith, Ms A.C., Secretary, Conservatorium of Music
 Powell, Mrs M., Incremental Clerk, Conservatorium of Music
 Antony, Mr P., Professional Officer, Microwave Applications Research Centre
 Cairns, Mr N., Senior Librarian Gr 1, Library
 Heaslip, Ms M., Secretary, Physics
 Symons, Mr P., Part Time Attendant, Centre for Teaching Development

TRANSFERS/PROMOTIONS

McInerney, Miss M.E., Computer Operator, ADPU
 Smith, Mr D.M., Carpenter/Joiner, Buildings and Grounds
 Imisides, Mr M.D., Teaching Fellow, Chemistry

STUDY LEAVE/PROFESSIONAL EXPERIENCE PROGRAM LEAVE - TO BE TAKEN IN 1988

Applications to take leave as above will close with Personnel Services Branch on April 16.

Application forms and/or conditions of leave are available from Mr Ross Walker, ext 3934.

Research Funds

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

NATIONAL ENERGY RESEARCH DEVELOPMENT AND DEMONSTRATION PROGRAM

Applications are invited for grants to conduct energy research, development and demonstration projects.

Applications with strong industry involvement will be particularly welcome as will be proposals for collaborative research involving industry.

Applications aimed, wholly or in part, at the technology transfer of research results to users are also invited.

Closing date with the University is May 11.

COMMONWEALTH SCHOOLS COMMISSION PROJECTS OF NATIONAL SIGNIFICANCE

The Commonwealth is providing funds through the Projects of National Significance Program in 1987 to support nationally significant projects which relate to primary or secondary education.

Proposals to undertake specific projects nominated by the Commonwealth Schools Commission in the following priority areas: Aboriginal education; Arts in Education; Education of girls; Support for basic learning; Professional development; Multicultural Education; and Technology in Schooling.

Closing date with the University April 13.

RESEARCH INTO MULTIPLE SCLEROSIS

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

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

Closing date with the University May 20.

PREVIOUSLY REPORTED IN CAMPUS NEWS

Name	Internal Closing Date
Rural Credits Development Fund	April 20
National Soil Conservation Program	April 22
Biotechnology Research	May 20
French Government Scientific Fellowships '88	June 12
Ship time on R.V. Franklin	June 22
Clive and Vera Ramaciotti - Travel Grants	Any time
Earthwatch	Any time

Scholarships and Prizes

RESEARCH SCHOLARSHIPS – NATIONAL UNIVERSITY OF SINGAPORE

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

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

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

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

WAITE AGRICULTURAL RESEARCH INSTITUTE – THE PLAYFORD MEMORIAL TRUST SCHOLARSHIP IN HORTICULTURE

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

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

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

WHEAT RESEARCH COUNCIL POSTGRADUATE SCHOLARSHIPS

The Wheat Research Council of the Department of Primary Industries have invited applications for two post-graduate scholarships to undertake wheat research.

Applications close with the University on April 21. Application forms and further information can be obtained from Annette Read, ext 3386.

Distinguished Visitors

ITALIAN CONSUL GENERAL AND DIRECTOR OF THE ITALIAN INSTITUTE OF CULTURE VISIT UNIVERSITY

Dr Guido Scalici, Italian Consul General for NSW and Dr Franco Vicenzotti, Director of the new Italian Institute of Culture in Sydney, visited the Department of Languages on March 18. They met the Acting Head of the Department of Languages, Dr D.S. Hawley, and the Co-ordinator of Italian Studies, Dr V.J. Cincotta, to discuss the Italian program at the University of Wollongong. The Italian Government has, since 1981, provided the Department with a full-time *lettrice*, Dr Gianna Batzella, who makes an important contribution to the Italian Studies program. The Consul General and Dr Vicenzotti discussed future developments of the Italian program and the continued co-operation between the University and the Italian Government. The Department of Languages is one of the few departments on campus to have a teaching staff member entirely funded from external sources.

Later in the afternoon Dr Scalici and Dr Vicenzotti discussed with the Vice-Chancellor both the Italian program and further co-operation between the University and the Italian Government Cultural and Technical Services Branch.

MONTESSORI PUBLIC MEETING

To establish a second pre-school for Wollongong. Tuesday April 7 at 8 pm at the Montessori Primary School Eltona, 33 Foleys Road, Gwynneville. For further information contact Lin (042) 297200.

Seminars

SCHOOL OF INDUSTRIAL AND ADMINISTRATIVE STUDIES

Title: VDU's, Occupational Health and the Quality of Working Life

Speaker: Dr Trevor Williams, Senior Lecturer, School of Industrial and Administrative Studies, The University of Wollongong

Date: Tuesday April 14

Time: 2.30 pm

Place: Building 22, Apple Lab 2

DEPARTMENT OF BIOLOGY

Date: Tuesday, April 7 – 4.30 pm

Speaker: Dr P.J. Meyerscough, Department of Botany, University of Sydney.

Topic: Vegetation of the Myall Lakes Sands.

Date: Tuesday, April 14 – 4.30 pm

Speaker: Dr Mark Downton, Department of Biology, Deputy Vice-Chancellor's Research Unit, University of Wollongong.

Topic: Neuropeptide metabolism in chicken retina

ACCOUNTANCY AND LEGAL STUDIES

Date: Monday April 13

Time: 9.30 am

Place: Room 19.2035

Speaker: J. Barlow

Topic: Developing Organisational Information Structures

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 April 15 – Professor B. Morris, Department of Immunology, John Curtin School of Medical Research, Canberra

– Experimental Surgery of the Foetus and Embryo.

DEPARTMENT OF MATHEMATICS INFORMAL THEORETICAL MECHANICS SEMINARS

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

April 13 – Dr A. Kucera, Department of Mathematics – Cavitation

MUSIC ON GOOD FRIDAY

The University Singers, directed by David Vance, will present a concert of sacred music by All Saints Anglican Church, Figtree, on Good Friday April 17 at 8 pm. This concert, which includes music by Bach, Palestrina and Purcell, continues a tradition of Good Friday performances given by the choir at All Saints Church. Admission is by donation at the door.

Concerts, Exhibitions and Entertainment

SCAW CONCERT SERIES 1987

This year's SCAW concerts are more varied and more exciting than ever. And this year for the first time the School of Creative Arts is offering a subscription ticket which will reduce the cost of admission to concerts substantially.

The SCAW Ensemble itself presents six concerts containing a wide range of music from our century. These concerts are conducted by Edward Cowie, John Wayne Dixon, Andrew Schultz and Andrew Ford, and stylistically they offer a broad spectrum of music, from the cabaret of Weimar, Germany (*The Threepenny Opera*) to American minimalism (*Terry Riley's In C*), from the Australian Bush (Lumsdaine's *Kangaroo Hunt* and Cowie's *Lyre Bird*) to possessed 17th century nuns! (Maxwell Davies's score for Ken Russell's movie, *The Devils*).

Subscription:

We are offering these eight concerts for just \$32 (or \$18 if you are a Patron of the School, a student, an aged pensioner, or currently unwaged). A bit of simple arithmetic will tell you that this is extremely cheap! Send your cheque now payable to The University of Wollongong, to Jenny Stewart, School of Creative Arts, PO Box 1144, Wollongong 2500. Alternatively, call into the School and pick up your season ticket in person.

First of the concerts are as follows:

Thursday April 16 at 8 pm – Rtraud Schneider (violin), Daniel Herscovitch (piano). Volker Heyn - Blues in B flat, Tap, Blah II; Wolfgang Rihm - Klavierstück V; Isang Yun - Gaza; Michael Whitiker - Korokon. This concert will be given in the presence of the distinguished German composer, Volker Heyn who will be visiting the School of Creative Arts. Admission \$7, concession \$4.

Tuesday April 28 at 12.45 pm – Mardi McCullea (flute), Lisa Moore (piano). Pierre Boulez - Sonatine; Andrew Ford - A Kumquat for John Keats; Jonathon Harvey - Nataraja; Aaron Copland - Duo. Lisa Moore is already well-known to Wollongong audiences. Both she and Mardi McCullea are Australians living in New York City and building reputations for their virtuosity which will be amply demonstrated in this program. Admission \$5, concession \$3.

GALA CONCERT – WALTZ WITH JOHANN STRAUSS

Introduction to the Strauss family, slides and music, two well-known overtures and waltzes.

Concert organised and presented by pianist Nadia Kokot together with guest artists Toni Bonetti, violin; Gregory Elomoglou, cello; Nadia Kokot, piano, courtesy of ABC.

Wollongong Town Hall (Theatre), Friday May 8 at 8 pm.

Tickets from Keyboard Clinic, telephone 280297.

Admission: \$10.50, concession \$6.50, students \$5.

IN REHEARSAL

In rehearsal at the School of Creative Arts are two productions for performance in May.

Shakespeare's 'Twelfth Night' playing at the Workshop Theatre, Keiraville, from Wednesday April 29 to Saturday May 16 playing Wednesday, Friday and Saturday, and at Theatre South 'Blake' an Australian play about the English poet performing May 20, 21 and 22 only.