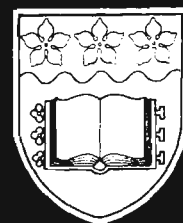


THE UNIVERSITY OF WOLLONGONG

CAMPUS NEWS



20 March 1990

University training courses in workplace reform

A CONSORTIUM of three universities has been granted funding to run courses on workplace change. The funding was announced by Peter Morris, Federal Minister for Industrial Relations, on March 6.

More than \$200,000 has been granted to the universities of Wollongong, Newcastle and New South Wales to help them conduct the courses which will be run at the Centre for Work and Labour Market Studies at each of the universities, and which will provide state-wide training centred on the major industrial centres of New South Wales.

'Wollongong has an enormous number of industries, so that courses offered at the University will give managers and unionists the opportunity to learn about workplace change,' the Minister said.

Mr Morris continued: 'Course participants will be able to receive proper training in workplace reform procedures acquiring the necessary knowledge and practical skills to take a leading role in planning and implementing workplace reforms. If businesses want to succeed in the future, it is vital that managers and others have these skills on how to implement changes in the workplace. Workplace change will help businesses become more productive and efficient while providing a more satisfying work environment for employees.'

The Hawke Government is committed to helping enterprises with workplace change, and has allocated \$12 million this financial year to the Workplace Reform Program. Administered by the Department of Industrial Relations, the program aims to help businesses implement reforms in the workplace. An element of this program is the Work Change Train-

ing Scheme which assists industries and others with training in workplace reform procedures.

For further information contact Associate Professor Ray Markey, Centre for Work and Labour Market Studies at The University of Wollongong (042) 27 0983.

Bruce Barnsley honoured

GENERAL MANAGER of the Microwave and Materials Research Institute, Mr Bruce Barnsley, has been awarded the Florence Taylor Medal of the Wollongong Branch of the Institute of Metals and Materials Australasia.

The award recognises the many notable contributions Bruce has made to metallurgy and materials science and technology and his outstanding services to the Institute.

\$3.5m Canon research project

CANON INC, the Japanese office equipment and camera supplier, has contracted the Centre for Information Technology Research (CITR) to conduct R&D over the next three years under an agreement worth \$3.5 million.

The Vice-Chancellor, Professor Ken McKinnon, signed the agreement on behalf on CITR on February 23. Canon was represented by a team of executives

head by Mr Hisashi Sakamaki, a director of the corporation's board.

The R&D activity is in the field of radio-integrated services digital networks and will be conducted by researchers drawn primarily from the Department of Electrical and Computer Engineering at The University of Wollongong and the School of Electrical Engineering at the University of Technology, Sydney.

Mr Hisashi Sakamaki (left) with Professor Ken McKinnon



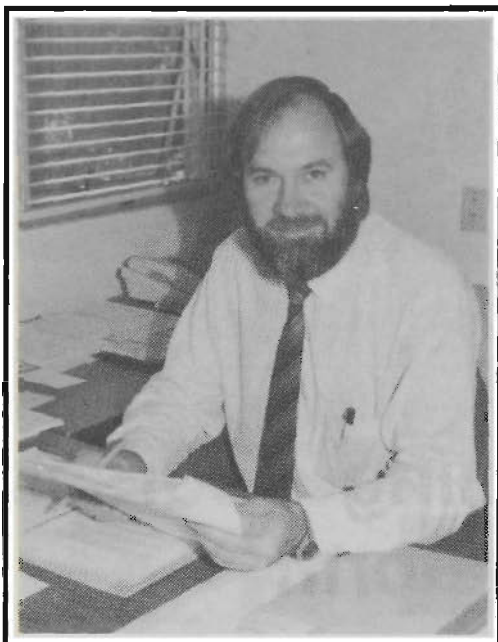
Professor Russell Linke

PROFESSOR RUSSELL LINKE (right) was appointed Dean of the Faculty of Education in the University of Wollongong in December last year. Before that he was Professor of Education, School of Learning Studies, at the University and was formerly a Counsellor with the National Board of Employment, Education and Training (NBEET).

He has held academic positions at the Australian National University, Flinders and Monash Universities and, from 1980 to 1986, was Director of Academic Planning with the Tertiary Education Authority of South Australia.

He holds academic qualifications in science from Flinders University and a PhD in education from Monash University.

Professor Linke has served on numerous administrative committees and has recently been appointed as a consultant on Academic freedom, industrial auto-



mation and related responsibilities, by the Minister for Education, Mr John Dawkins, to the Committee, established by DEET to develop an Academic Freedom Charter.

An artist to collect and watch

GABRIELA FRUTOS graduated in The School of Creative Arts in 1986 with a High Distinction in Painting (in 1984, 1985 and 1986). Gabriela's work featured in a Young Collectors Exhibition in the Coventry Gallery earlier this year and she is now holding her first solo exhibition, in the Coventry Gallery, Sydney. The exhibition is open until March 24.

In Gabriela's listed biography her past group exhibitions include *New Voices* – Wollongong City Gallery 1985 – seven exhibitions in the University of Wollongong Long Gallery 1984, 1985 (two), 1986, 1987 and 1988 and a solo exhibition in

1987 – Wollongong City Council Bicentennial Project.

A young artist, whose work will be of interest to collectors, Gabriela is represented in the University's Permanent Collection by several works, including three on the ground floor of the Administration Building. And she has loaned two works which are on display in the School of Creative Arts' Performance Space. Gabriela created a tiled mosaic for the City Mall, donated to Wollongong City Council by the University as a Bicentennial gift: a University commission she received after winning an open competition.

Australian scientists and mankind tomorrow

IN THE 1990s, Australian scientists covering a diverse range of scientific disciplines will take part in an international program called the International Geosphere-Biosphere Program (IGBP). The program is being conducted by the International Council of Scientific Unions (ICSU), a non-governmental scientific organisation composed of 20 International Scientific Unions, 75 National Members, Associates and Observers and 26 Scientific Associates. Australian participation is being organised and co-ordinated by the Australian Academy of Science.

The IGBP will be the most ambitious, the most wide-ranging, and in its impacts on our understanding of the future possibilities for mankind the most important, project that ICSU has ever undertaken. With the support of the Commonwealth Department of the Arts, Sport, the Environment, Tourism and Territories, the Academy has been able to proceed with the planning phase for Australia's participation in this very important program.

A leaflet containing information on the IGBP is being held by Gloria Wood, Secretary, Planning and Marketing Branch.

Illawarra Statistical Group

THE ILLAWARRA Statistical Group was formed at the initiative of Professor David Griffiths about two years ago. It holds regular meetings to hear and discuss applications or developments of new statistical techniques by an invited speaker. The objectives of the group are to promote the study and practice of statistics; to promote the interaction between statisticians working in industry and university; and to increase the understanding and awareness of statistical concepts and techniques amongst non-statisticians. So far, this group has been supported by the Department of Mathematics and BHP. The Statistical Society of Australia has offered support for some of the group's activities. A meeting of the group will be held on Wednesday March 28 in room 15.204 at 6 pm to adopt a constitution, and to elect an executive. Following this meeting, Mr Bob Murison will give a talk, *Statistical Consulting at the NSW Department of Agriculture*.

All those interested in supporting the activities of the group are invited to meet the speaker and enjoy refreshments from 5.30 pm before the meeting in room 15.203. An informal dinner with the speaker will be held after the meeting at a nearby restaurant. Please telephone either John Flanagan on 75 6480 or Chandra Gulati on 27 0836, conveners, if you wish to attend.

Recycling paper

DURING 1989 a trial recycling program on campus was run in conjunction with Theiss Contractors Pty Ltd. The program was quite successful, but it is evident that the success of recycling is determined by the commitment to, and response of, staff and students. This means that we must all take the time to separate paper from other waste, and use the separate rubbish bins provided in each building and department for all non-paper waste.

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Material for publication should be left in the *Campus News* tray in Planning and Marketing Branch, Administration Building

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Small is Beautiful

THE PREVIEW of the exhibition of the work of the noted Chinese artist, Tie Hua Huang, in the Long Gallery of the School of Creative Arts on March 8 fully bore out the old saw in our title. Small Mr Tie certainly is. And his work— traditional Chinese watercolours — is beautiful in the fullest sense of the term: a collective mystique of delicate line and colouring. The Chinese Master paintings from Beijing, Canton, Nanking and Shanghai were for the most part from Mr Tie's collection.

On display, too, were superbly crafted Chinese artifacts (among them a bronze casting dating from the Han Dynasty and brought from Granville to the Long Gallery by Chinese antique collector, Mr E. Anchugov).

The exhibition was formally opened by the Vice-Chancellor, Professor Ken McKinnon.

Tie Hua Huang is Artist-in-Residence at the School Creative Arts until April 8. His work in progress is displayed in the downstairs gallery.

Uni has nation's first jazz major

THE ILLAWARRA'S talented musicians no longer need to improvise on opportunities to emulate jazz greats such as Don Burrows and James Morrison.

The Wollongong University Conservatorium of Music has introduced a three-year creative arts degree with a jazz major. The Conservatorium's jazz studies department head, internationally reputed jazz violinist and composer Don Harper, says that the course will tap into talent throughout the region.

'I'm not aware of another creative arts degree course with a jazz major to run in Australia,' he said.

Although Mr Harper's five-year contribution to the conservatorium ended with his retirement, his involvement with the Don Harper Wollongong Conservatorium Show Band will continue. Jazz professor David Colton, who is regarded as one of Australia's finest jazz guitarists, replaces Mr Harper as the conservatorium's department head.

Voted Australian Jazz Musician of the Year in 1988, Mr Colton has played with the world's greatest jazz artists and has



On the Tie Hua Huang exhibition opening night, Mr and Mrs Tie are photographed with John Eveleigh, curator of the University's Permanent Collection and a Senior Lecturer in the School of Creative Arts

regularly featured on jazz television programs throughout a professional career spanning 15 years. Both Mr Colton and Mr Harper agree that the conservatorium's new degree course will do much to improve the quality of

jazz in the region. The course is designed to equip students with professional standard skills.

Openings in the conservatorium's part-time jazz course and the conservatorium show band for trumpeters are available.

21 years of enrichment

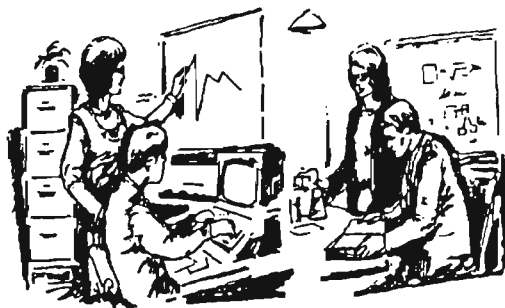
RECENTLY in Bourke, NSW, over 400 people celebrated the 21st anniversary of Project Enrichment of Childhood - an experimental preschool which has demonstrated that it is possible to raise both the level and rate of growth of mental development by structured teaching of preschool-aged children. Started by Drs Nurcombe and Moffitt of the University of New South Wales in 1968, the research-and-development program has been under the direction of Philip de Lacey, Associate Professor, Department of Education, since 1976.

The preschool has produced some 20 articles in the Australian and international psychological and educational literature, has provided a base for a number of students to carry out research and teaching-practice experience from several colleges and universities. It has also attracted the interest of a number of overseas scholars who have visited Wollongong university and the preschool.

This year, two papers are scheduled at the International Association of Cross-cultural Psychology Congress using data

from the preschool, by Dr de Lacey and Canadian colleagues, in Japan. Further, invitations to present papers on the subject will be responded to in Canada, the United States and Mexico. The preschool has also become known for the 'Bourke model' of inter-racial collaboration. One of the rather few examples of successful long-term collaboration of aboriginals and whites has been seen in the work of the committee and staff responsible, with Dr de Lacey, for the management of the preschool. The program and management precedents have been followed as far north in Australia as Weipa, and also in the South Pacific. One project just starting will research, with medical collaboration, into attention span and non-anaemic low body-iron concentrations in some children, and the cognitive consequences of boosting iron intake.

The Art of Lunch
Every Thursday
12.35 to 1.25 pm



Staff Roundup

General staff promotions

AS A RESULT of the Review of Departmental Administrative Staff, the University has established a General Staff Promotion Committee to consider applications for promotion to a higher classification for selected staff in Faculties, Departments and Branches of the Administration.

Promotion to a higher classification will be based on whether an individual has demonstrated the capacity to perform a job at a higher level. Assessment will therefore address both the relevant position classification and the personal skills and experience of individuals.

Staff who on 7 June 1989 had completed 12 months service at the maximum of the former Department Secretary salary scale are eligible to make application for promotion to the Administrative Assistant Grade 2 scale. Applications will close on March 23. Eligible staff have been notified of their eligibility to make application.

Further information in regard to the General Staff Promotions Committee, eligibility to apply and manner in which applications should be lodged may be obtained from Peter Maywald on extension 3798.

Academic staff

Applications for

- Conversion to a continuing appointment
- Conversion to a continuing appointment and promotion

to be considered at the June meeting close on April 13.

Further information from Irene Burgess ext. 3202 or Ross Walker on ext. 3934.

Travelling Allowance

Rates for travelling allowances have been varied with effect from March 12 as follows:

A travelling allowance is payable to

members of staff who are required to journey on official business and whose journey requires accommodation at a hotel/motel, etc.

Two rates apply:

1. Capital city rate (including Canberra) \$140.65/per 24 hour period
2. Elsewhere \$100.15/per 24 hour period

Meal allowances

The University's rates for meal allowances on and from March 12 are set out below:

Breakfast	\$7.90
Lunch	\$10.15
Evening meal	\$15.10



Safety

Asbestos clean up halted

A BAN imposed by the South Coast Labour Council is preventing the University from acting promptly to remove asbestos from its Computer Centre. What follows is a chronology of the events leading to the stoppage.

The University has been monitoring the condition of asbestos in buildings for some years and in all cases professional advice was that the asbestos was safely contained and/or in good condition so that restricted access to the roof cavities provided an adequate safeguard.

Recent inspections have been conducted of all buildings constructed during the years when asbestos was in use. This was to ensure that all asbestos on campus had been discovered. Based on these inspections and assessments, a longer-term plan for continuing assessment, monitoring and management has been established.

During the inspections asbestos was found in the roof cavity above the Computer Centre in Building 15. It was in poor condition and sealing the roof cavity was proposed.

While this was a totally safe and effective medium-term measure the advice was to plan for its removal within 12 months. An operation to remove the asbestos began on February 26. The removal was expected to take six weeks. The activities of the contractor would be scrutinised by Worksafe Australia, a Federal Government body which is also responsible for clearing the area for re-

occupation. Through the Occupational Health and Safety Committee, the University would also be monitoring the operation.

Unions stop work

Despite all those precautions, work was halted within 24 hours of its being started, when the South Coast Labour Council imposed a black ban.

Ken Baumber, Vice-Principal (Administration) said, 'It took almost a week for us to find out the reasons for the ban. Eventually we learned that the Labour Council's main concern was that the waste material would be disposed of at an approved site. It agreed that if the University were to provide confirmation that it would be then the ban would be lifted'.

Later, from the City Council, the University was assured that, provided the disposal was carried out in accordance with the regulations applying to such activities, the asbestos could be properly disposed of at one of its sites.

This advice was transmitted to the Labour Council and, on March 12, the University received written notice from Mr Dan Sullivan, an officer of the Building Workers Industrial Union, acting on the behalf of the Labour Council, that the ban had been lifted and that a restart could be made.

On Tuesday March 13, Mr Paul Matters, Secretary of the Labour Union, contacted the University to state that pending further clarification from the City Council that the material could be disposed of in the Wollongong area, the black ban remained in force. As this issue of *Campus News* closes for press the University understands that a ban has now been imposed on the disposal of all asbestos material waste in the Wollongong area.

Mr Baumber commented, 'Clearly the University has been caught up in a wider dispute between the South Coast Labour Council, and Wollongong City Council concerning the disposal of waste material. We have taken all proper steps to deal responsibly with this safety problem but have been frustrated at every turn.'

'If union action continues, the University will be forced to close down the Computer Centre, thus bringing major disruption to the many staff and students who use the facility.'

Contact Ken Baumber, Vice-Principal (Administration) tel. (042) 27 0920, work, (042) 84 4312 home; or Gillian Curtis, Media Liaison Officer (042) 27 0926.

Research Funds

The sources of research funds given below are available to members of academic staff. Further information, including application forms, may be obtained from Kim Roser (ext. 3201). Intending applicants are reminded that all research applications must be forwarded through the Office of Postgraduate Studies

Grants

National Soil Conservation Program

The National Soil Conservation Program invites applications for financial assistance for the conduct of research or public education relating to the rehabilitation and sustainable utilisation of the nation's soil and land resources.

Applications close with the University April 1.

Australian Meat and Livestock Research and Development Grants

The Australian Meat and Livestock Research and Development Corporation has invited applications for a number of special grants in nominated subjects.

Applications close with the University on April 6.

Australian Water Research Advisory Council

The AWRAC has invited applications for water research funding. Proposals must fall within one of the following programs: *National Priorities Program* – funding for maximum of three years in areas of national priority identified by the AWRAC.

Partnership Research Program – funds provided under this program must be matched by a third party and must be for a new (not continuing) project.

Applications for fellowships close with the University on April 14.

Courses/Conferences

ITC Uniadvice Limited

Short Course on *Analytical Techniques for Environmental Monitoring*, April 18 – 20, at The University of Wollongong; numbers 30 to 40.

Short Course on *Flood Hydrology for Detention Basins*, June 12 – 15, at The University of Wollongong; numbers 30 to 40.

First Australasian Native Orchid Conference and Show, September 27 – 30, at The University of Wollongong; numbers 200 plus.

For information contact Margaret Prendergast, (042) 27 0076.

National Multiple Sclerosis Society of Australia Research Grants Seeding Grants and Fellowships

The National Multiple Sclerosis Society invites applications for Project grants for approved clinical, laboratory based, epidemiological or rehabilitative studies; Training Fellowships and Grants for Equipment.

Applications close with the University on May 17.

Fellowships, Scholarships and Prizes

Smithsonian Astrophysical Observatory

Applications are invited for Predoctoral Research Fellowships designed to allow students to do their thesis research at SAO working with SAO scientists.

Applications close with the University on April 1.

The English Speaking Union (NSW) Scholarships

This scholarship was initiated to assist graduates who, at the outset of their careers, sought to further their studies outside Australia.

Applications are open to university graduates, 35 years of age or younger, living in NSW or the ACT, whose intention it is to return to Australia. The award is for \$7,000.

Applications close with the University on April 6.

The Library

Photocopying Services

New card vending equipment has been installed on photo-copiers and printers in the University Library.

From February 25, a **Copy Card** has been required to operate photocopiers and printers located in the Main Library and the Curriculum Resources Centre. Cards will be available from dispensing machines in the Main Library (photocopy room and computer laboratories) and in the Curriculum Resources Centre.

Resource Cards may be exchanged for **Copy Cards** free of charge in the Main Library photocopy room until March 25. Residual credits on the **Resource Cards** will be transferred to **Copy Cards**.

Until March 25, a **Resource Card** photocopier will be located outside the photocopy room on the ground floor of the

Australian Academy of Science – Rudi Lemberg Travelling Fellowship

The Australian Academy of Science has called for applications for the Rudi Lemberg Travelling Fellowship.

The Fellow may be drawn from any field of biology but special consideration will be given to those areas in which Professor Lemberg had an especial interest, namely bio-chemistry, conservation and the Australian flora.

Fellowships are awarded to enable overseas scientists to visit Australia and Australian scientists to spend time visiting scientific centres and delivering lectures within Australia.

Applications close with the University on April 16.

Sir George Murray Award

The prestigious George Murray Award offers a prize of \$1,000 for an essay on any topic within the field of public administration.

Applications close on August 24.

Royal Geographical Society Expedition

Expressions of interest are invited for a scientific expedition to the Cape York Peninsula.

The expedition is potentially of interest to those working in the fields of Zoology, Botany, Geography, Environmental Science and Resource/Land Management.

Main Library. Holders of **Resource Cards** may use this machine to eliminate credits on their cards.

Credits not utilised by March 25 will not be refunded.

Enquiries about photocopiers, printers or cards should be directed to the **Copy Card** representative in the photocopy room of the Main Library.

Library Donation

Final-year students in 1989 from the Department of Human Movement Science donated \$520 for the purchase of library materials.

The donation was unsolicited and the first of its kind for this Library. It will be used to fund material recommended by the students, in particular, a three-year subscription to *The American Journal of Sports Medicine*.

Thanks, also, to Mark Anshel, who co-ordinated the donation.

John Shipp, University Librarian

Active in Education

HEALTH AND PHYSICAL EDUCATION staff from the Faculty of Education have been active over the past few months. Staff members contributed to conferences and workshops and attended both the Management for Sport Conference in Canberra last December and the Commonwealth and International Conference on Physical Education, Sport, Health, Dance, Recreation and Leisure in Auckland in January this year. Details of their activities follow.

Conferences

Patterson, J. and Rowland, G. *The Need for Physical and Health Education Teachers to be active in the Policy Arena*, Commonwealth and International Conference on Physical Education, Sport, Health, Dance, Recreation and Leisure, Auckland, January, 1990.

Webb, P., Fasano, C. and Rowland G. *Development of Sport Policy and Programs: Theoretical and Practical Considerations*, Management for Sport Conference, Canberra, December, 1989.

Anshel, M. and Webb, P. *A Model to Evaluate Competence in Sport*, Management for Sport Conference, Canberra, December, 1989.

Webb, P. and Blackett G. *The use of the National Coaching - Accreditation Scheme and Coaching Courses in Tertiary Institu-*

tions for the development of Junior Sport, Management for Sport Conference, Canberra, December, 1989.

Webb, P. *The National Coaching Accreditation Scheme*, Women in Sport Conference, University of Wollongong, October, 1989.

Wright, J. *Teacher Talk, Gender and Physical Education*, Commonwealth and International Conference on Physical Education, Sport, Health, Dance, Recreation and Leisure, Auckland, January, 1990.

Wright, J. and Tinning, R. *Learning about Teacher Talk through Action Research*, Commonwealth and International Conference on Physical Education, Sport, Health, Dance, Recreation and Leisure, Auckland, January, 1990.

Wright, J. *Comparisons of Difference: Gendered Representations of the Body in Sport*, Commonwealth and International

Conference on Physical Education, Sport, Health, Dance, Recreation and Leisure, Auckland, January, 1990.

Wright, J. *Personal Pronouns and Social Relations: Power Solidarity and Intimacy in Physical Education Lessons*. A paper presented at the International Conference of Language and Learning. Kuala Lumpur, July, 1989.

Workshops

Willsmore, G. Hockey Coaching Workshop. Women in Sport Conference, University of Wollongong, October, 1989.

Willsmore, G. Regional Hockey Coaching Clinic. University of Wollongong, March, 1990.

Willsmore, G. National Coaching Accreditation Scheme, Level 1 Hockey. To be held on March 24 and 25, The University of Wollongong. Cost \$55. Contact G. Willsmore if interested.

Journal Articles and Books

Watkin, B. and Youngen, L. *Chapter in Comparative Physical Education and Sport*, Volume 5. Editors: Bloom et al, 1989.

Watkin, B. *Measurement of Motivation for Participation in Physical Activity*. To be published in 1990: Directory of Psychological Tests in the Sport and Exercise Sciences. Editor: Dr A. Ostrow, University of West Virginia, USA.

Wright, J. *A Sporting Change*, Australian Left Review. 11:3, November/ December, 1989.

Wright, J. *The Construction of Gender Through Tenor Choices in Physical Education Lessons*, *New Review of Applied Linguistics*, Vol. 12 (1), 1989.

Research Grants

Hatton, M., Kerr, Y., Westbrook, R. and Patterson, J. N.S.W. Cancer Council (\$16,000). *Cancer Education: A Resource for Science Teachers*. This follows the \$12,500 given by the Cancer Council to this group of lecturers in 1988/89 to evaluate the resource for health teachers. The comprehensive report of that evaluation was highly recommended by the Cancer Council.

Westbrook, R., Patterson, J. and Pickup, M. University of Wollongong. *The Perceived Acceptability and Credibility of Health Education in the Primary School*.

Awards

Associate Professor David Anderson was one of many Olympic Medalists presented with a commemorative badge by the Governor General in Sydney, February, 1990. David was a Bronze Medalist at the 1952 Olympics.

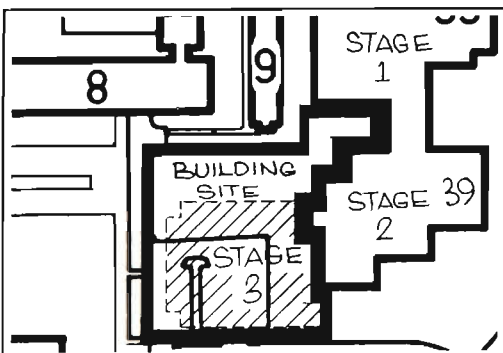
Illawarra Technology Centre - Stage 3

CONSTRUCTION of Stage 3 of the Illawarra Technology Centre Building has been approved. The site of the new building is shown on the sketch (below). Work has started and the fencing has been erected to enclose the construction site area.

The carpark on the south side of Building 8 will, therefore, no longer be available. In addition, future access to Buildings 8 and 9 from the south side will be restricted to pedestrians.

K.E. Turnbull

Manager, Buildings and Grounds



National Evaluation Conference 1990 (NEC 90)

THE 1990 National Evaluation Conference (NEC 1990) will be held by the Australasian Evaluation Society in Sydney from July 11 to 13. The conference will be jointly sponsored by the Australian Evaluation Society and the Office of Public Management.

The conference, whose theme will be *Evaluation — you can't manage without it* — will review the state-of-the-art of evaluation nationally and international contributors, including keynote speakers are being organised. It will provide a structure for learning about evaluation: at the micro level about design, methodologies and the means of ensuring utility; at the macro level about policies, plans, structures and systems for the organisation and management of evaluation.

For further information contact Karin Callaghan at the Office of Public Management, 7th Floor, State Office Block, Phillip Street, Sydney. Telephone (02) 228 5774, fax (02) 228 3277.

AUSTRALIA is presently taking a series of regional, diplomatic initiatives throughout Asia and the Pacific, and Wollongong's STEPAN is directly involved.

The most important action is the prime minister's 'Regional Initiative'. The Heads of ten Asian governments met last December under Australia's sponsorship to discuss the formation of collective programs and perhaps a regional organisation, much like the OECD is for Europe.

Central to the 'initiative' is South Korea. The significance of South Korea (more properly called, the Republic of Korea) is shown in the fact that the Australian government chose to announce the Regional Initiative while Senator Button was in South Korea late last year. Senator Button also signed a 'Memorandum of Agreement' with South Korea to develop closer science and technology ties with Australia.

In early November (1989), the science and technology relationships between Australia and South Korea were being forged - in preparation for the Regional Initiative that followed directly afterwards. The Department of Industry, Technology and Commerce (DITAC) is sending a Mission to South Korea to explore and negotiate initial science and technology collaboration agreements. The Mission will be headed by Dr Keith Boardman, Chief of CSIRO, and will involve senior government officials and representatives of industry and research

Wollongong's STEPAN is involved

Chairman of the Science and Technology Policy Asian Network, Professor Stephen Hill takes an active role in regional initiatives

within Australia. The Australian mission is supported however by Wollongong's STEPAN.

STEPAN, for those to whom the name is new, stands for the United Nations Science and Technology Policy Asian Network. This organisation is an official organisation of 15 of the Asian countries which have nominated Wollongong's TASC as the Regional Centre, and Professor Stephen Hill is Chairman of STEPAN.

Because of the STEPAN Regional Centre's established contacts with the science and technology policy and management people in South Korea, Professor Hill and Dr Shantha Liyanage (STEPAN's Program Manager) were asked by DITAC to assist in the design of the Mission, to write the briefing papers

on how to develop collaboration, and to participate in the Mission itself. Professor Hill went to South Korea in the first week of November 1989.

Professor Hill commented that he was very pleased with the invitation. He went on to say that STEPAN was developing through both multi-lateral and bilateral programs throughout Asia, and the Korean initiative was a fine example of how STEPAN could assist any country to develop both its own S&T capabilities and its relationships with other nations.

The Australia-South Korea connection could be a highly useful one for Australia, he said. Korea has been extremely good at building an economy over the past 25 years in turning science and technology into direct practical use. But the nation is now confronting the bridge between applied and long-term basic research as it attempts to leap into a position of international leadership in the 21st century technology race. South Koreans hardly even know where Australia is on the map at this stage. But, our capabilities in managing long-term research may well be the key that Korea needs. Equally, South Korea's extraordinary ability to turn research into money, could be exactly what Australia needs also. We went to Korea to try and build a bridge.

Following Korea, Professor Hill was invited to Japan by their National Institute of Science and Technology Policy in Tokyo. He presented a paper to the Institute, and negotiated joint research programs with Wollongong and STEPAN.

City of Wollongong Symphony Orchestra and Marilyn Meier

THE CITY OF WOLLONGONG Symphony Orchestra will present the first of its four 1990 subscription concerts at the IMB Theatre, Illawarra Performing Arts Centre, on Saturday evening March 31. Soloist at the concert will be Australian pianist Marilyn Meier, making a return guest appearance with the orchestra by popular demand.

Ms Meier is a frequent performer in Wollongong and is establishing an international career of great promise. Since her last appearance with the CWSO last September she has appeared in Japan as well as giving several recitals in Australia. Later this year she travels to Warsaw to participate in the International Chopin Society Competition. Appropriately, then, she will perform the Chopin *Piano*

Concerto No. 1 in E Minor, Opus 11 at her March 31 appearance.

Other at the concert, which will be conducted by the orchestra's music director, John Wayne Dixon, are the Overture from the Gilbert and Sullivan operetta *Iolanthe* and the most popular symphony of them all, Beethoven's Fifth.

... and the Australian Youth Orchestra

A CONCERT by the Australian Youth Orchestra on April 22 - a rare opportunity to hear one of Australia's finer international performing ensembles. The concert will be presented by The University of Wollongong, in conjunction with IBM Australia Limited, at the IMB Theatre, in the Illawarra Performing Arts Centre.

The highlight of the concert, for Wollongong audiences at least, will be a

Tickets are available at the booking office, Illawarra Performing Arts Centre: Adult tickets \$16, Concession \$12 and Family (up to four) \$44. Season tickets for all four concerts are selling now, at prices which reflect a saving of 31 per cent on the cost of tickets to individual concerts.

Further details from the Performing Arts Centre on (042) 26 3366.

chance to hear some of the music from one of Australia's leading composers, Dr Barry Conyngham, new Professor of Creative Arts at The University of Wollongong. His ballet score, *Vast*, will be a segment of a program which will include the popular *William Tell Overture* by Rossini and Tchaikovsky's *Capriccio Italien*. Soloist at the concert will be the young pianist Duncan Gifford, joint winner of the 1989 ABC Young Performers Competition, who will join the orchestra for a performance of Liszt's Piano Concerto No. 1.

Seminars

Department of Accountancy

Seminars are held in room 2001, in the Department of Accountancy, The Social Sciences Building at 11 am. Anyone who is interested is cordially welcome. Inquiries to Hai Yap Teoh, Seminar Convener, telephone 27 0625.

Friday April 6: Associate Professor Hai Yap Teoh and Mr David Brooks, *International harmonisation of accounting standards and practices: issues and prospects* and Associate Professor Hai Yap Teoh, *Use of Self-ratings and explicit weights in performance evaluation research*

Department of Chemistry

Seminars, except where indicated, are held on Fridays in room 18/206 at 11.30 am.

March 30: Mark Imisides, Department of Chemistry, The University of Wollongong, *Stripping analysis and other fun things you can do with polymers*

April 6: Dr Trevor Hambley, School of Chemistry, University of Sydney, *Modelling the interaction of platinum anti-cancer drugs with DNA*

School of Creative Arts

Postgraduate series

Seminars, which are held in the Music Auditorium, Building 24, from 4.30 to 6.30 pm, are open to the public and admission is free.

Thursday April 5: *Performance as research: discovering new work*, Evert Le Mair and Henri Bok (*Duo Contemporain*) from the Rotterdam Conservatory will play and discuss a new work *The Art of Puffing* with its composer, Andrew Ford, as well as the joys and problems of playing new music. Enquiries to Dr Andrew Schultz, Director, Postgraduate Studies, School of Creative Arts (042) 27 0985.

Department of Electrical and Computer Engineering

Monday March 26, 12.35 to 1.25 pm, room 35G45: Mr J. Chicharo, *Adaptive Notch Filtering*

School of Learning Studies

Seminars are held on Wednesdays at 12.30 pm in room 21.104

March 21: Michael Stone, *Deconstruction goes walkabout*

April 4: Noeline Kyle, *Trends in UK education (1989-90)*

April 11: Brian Cambourne and Jan Turbill, *SLIC (Secondary Literacy Inservice Course): What it is, how it works, the theory*

base, the evaluation

Inquiries to Bill Winser, Co-ordinator, School of Learning Studies, ext. 3963

Philosophy and Law

Monday March 26, room 19.1083 at 4.15 pm: Dr David Neal, Commissioner, Law Reform Commission of Victoria, *Antisocial personality disorder, mental illness and civil commitment*. Enquiries to Suzanne Uniacke (042) 27 0604.

What's on

The art of lunch

Thursday 12.35 - 1.25 pm during Session Music Auditorium, School of Creative Arts, University of Wollongong. Entry to Auditorium through Performance Space Foyer
Autumn Session

March 22: Wollongong-born violinist Lorraine Moxey, for many years now an esteemed member of the Australian Chamber Orchestra, presents a recital with associate pianist David Vance.

March 29: Writer-in-residence Joanne Burns reads from her recent work.

April 5: The visiting Dutch ensemble *Duo Contemporain* given a recital of contemporary music for bass clarinet and keyboard percussion.

April 12: Aboriginal writers forum

April 26: Musica Troppo (David Vance, piano, Andrew Schultz, clarinet, Nicole St. Ilan, viola, and David Piper, cello) play a program of pleasant prandial pieces.

May 3: Writer-in-residence Joanne Burns joins with writing students for a joint presentation of readings.

May 10: The SCAW Ensemble conducted by Andrew Ford in a workshop presentation of pieces by Julia Akerholt, David Chisholm and other student composers.

May 17: Creative writing lecturer Ron Pretty reads from new works written during his recent sojourns in the United States and Europe.

May 24: Relax to some show numbers presented by Music Theatre students.

May 31: Dutch sculptor and performance artist José Aerts presents *How Low Can You Go?!*

June 6: Direct from the Adelaide Festival of Arts! our favourite fringe-dwellers *Short Back and Sides*

Enquiries: 042-27 0987 or 042-29 7518

Parking: enter by Western Entrance, Northfields Avenue; **Admission:** free; **Design:** Richard Hook; **Convenor:** Wayne Dixon

New technology directory released

THE 1990 EDITION of the Scitech Technology Directory has just been published. It provides the only comprehensive guide to technology and industry development assistance in Australia. This year's edition has been expanded to over 700 entries and contacts, with an index of nearly 1000 items. It includes details of:

- tax incentives, research and export grants;
- industry assistance packages;
- civil and defence offsets;
- MIC and private venture capital companies;
- State finance and other assistance programs;
- energy, rural, environment and medical grant schemes;
- Australian Research Council grants;
- Key and Special Research Centres;
- CSIRO and defence research facilities;
- research institutes;
- research associations;
- technology parks;
- technology centres (a listing for each State);
- technology support agencies;
- tertiary consulting companies;
- professional associations;
- technology consultants; and
- comment on new Federal and State policy directions.

Each entry carries: contact name, address, phone and fax number with information current to January 1990.

The directory, now in its fourth edition, is written by Jane Ford, editor of the monthly science and technology newsletter, *Scitech*.

Price is \$99 (plus \$5 postage and packing) from Scitech Publications Pty Ltd, GPO Box 1915, Canberra, ACT 2601. Phone (062) 47 7220 or Fax (062) 496648.

Advertisements

SALE BY TENDER

The University has the following vehicles available for sale by tender:

Ford Falcon GL station wagon, 1987, Rego #000 654

Ford Falcon GL station wagon, 1988, Rego #0YW 084

The University offers no guarantee on the vehicles. Terms of sale are cash or bank cheque. For inspection call Mr G. Parsons (042) 27 0116.

Tenders close at 11.30 am on April 2.

Tenders should be placed in a sealed envelope addressed to: Office Services, The University of Wollongong, PO Box 1144, Wollongong 2500 and noted 'Tender for motor vehicle'.

BOOKCASES

Made to measure; fixed or adjustable shelves. Materials of your choice, laminated or solid timber. Tel. 84 9275 for quotation.

FOR SALE

Refrigerator, large Westinghouse two-door, 76 x 160 cm, \$400 ono; Movie projector, Hanimex (Super 8) SR 9000, \$300 ono; Dimplex heater, \$100 ono. Tel. 62 2365.