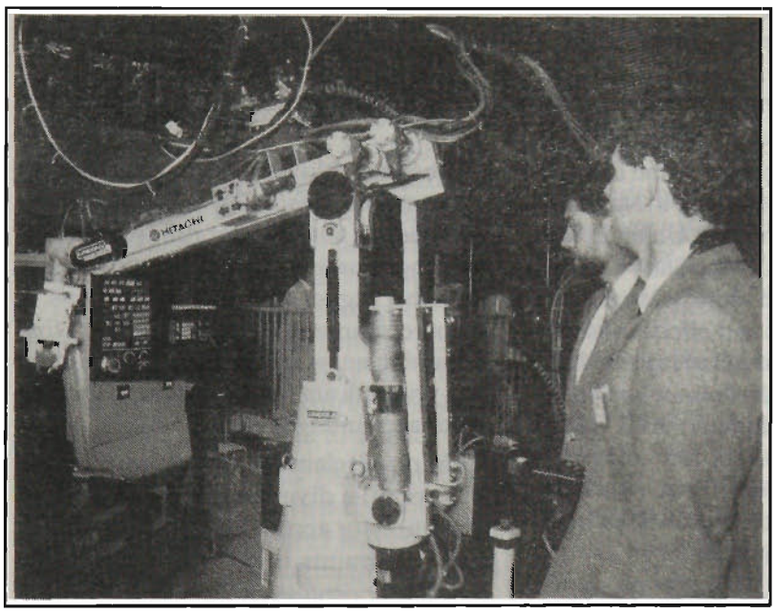
THE UNIVERSITY OF WOLLONGONG

CAMPUS NEWS

24 July 1990

# Engineers from 11 nations confer on campus

## *Emphasis on tomorrow's manufacturing methods*



*Left: A feature of the conference was a demonstration in the Technology Centre of the Flexible Manufacturing System*

*Below: At the opening of the conference, Mr Ross Robinson, Assistant General Manager of BHP Slab and Plate Products Division, is seen with Professor Günter Arndt*

MANUFACTURING is today widely recognised as Australia's main highway to the future. The nation can no longer live off its raw materials as it has done for so many decades past. Without the vital element of value added, Australia stands insecurely at the crossroads formed by the developed heavily industrialised nations and the fast-developing countries of the Pacific basin.

By establishing the Key Centre for Advanced Manufacturing and Industrial Automation (CAMIA) and appointing the first Professor of Manufacturing Engineering in Australia, this University has demonstrated its own commitment to the road ahead.

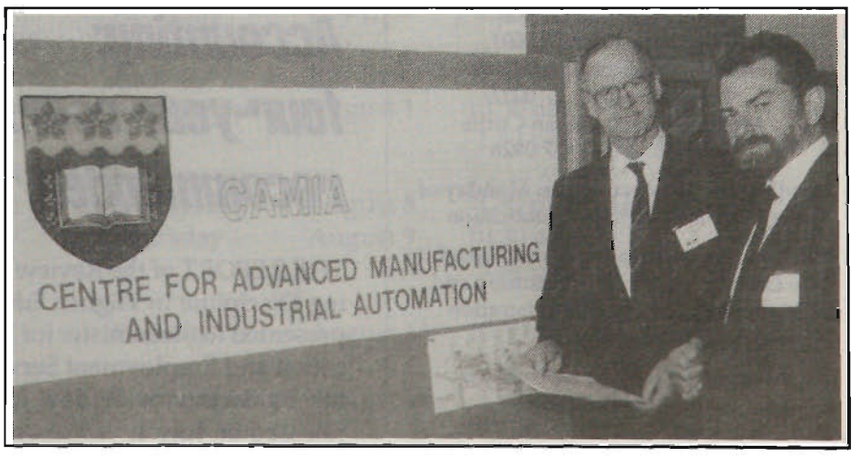
It was fitting, therefore, that earlier this month the University played host to the Fifth International Conference of Manufacturing Engineering (ICME 90). The gathering provided an ideal opportunity to measure developments in manufacturing in this country against the expansion of manufacturing engineering elsewhere.

The three-day conference was sponsored by the Institution of Engineers Australia. Delegates and guests – some 150 in the first category and 50 in the second – represented many countries and many segments of engineering. So considerable an attendance at such a conference underlined the importance today attached to research and development in manufacturing and management. It also demonstrated international awareness of the pioneering research role being played at Wollongong University with its many pure and applied research programs and projects.

An associated program of CAMIA short courses spread over two days gave delegates an opportunity to hear and discuss the latest news of developments in manufacturing here and elsewhere.

Countries represented included the USA, New Zealand, Italy, China, Papua New Guinea, Singapore, Japan, Hong Kong, India, West Germany and Australia.

It is significant that 92 of the participants were from industry; 39 were Australian academics, 17 overseas academics and 11 from government. At such conferences, as a general rule, the majority are from academia. Much of the credit for this must go to the conference convenor, Günter Arndt, Professor of Manufacturing Engineering at the University of Wollongong.



*At the seminar were, from the left, Dennis Rinton, Ric Fraser, of the American Branch of the Department of Foreign Affairs and Trade, and Kris Hardojo*

# Problems in Paradise?

AN AMERICAN Congressional Report on the Pacific entitled *Problems in Paradise* was discussed at a seminar hosted by the University's postgraduate International Relations program on June 22. The Report, which is the most comprehensive survey yet of American interests, activities and recommended policies for a region of rapidly growing international importance, was issued by the United States House of Representatives Foreign Affairs Committee.

The seminar was intended to stimulate and contribute to the public debate on likely US policies in a period when superpower and other relationships in the region are undergoing fundamental change. It was attended by academics, diplomats and journalists from Australia, the United States, South Pacific Islands and Southeast Asian countries.

# Senior UN Australian joins CITR board

THE SENIOR ranking Australian in the United Nations system has been elected to the Board of Directors of the Centre for Information Technology Research.

Mr Richard Edmund Butler, AM, served as Secretary General of the International Telecommunications Union from 1983 to 1989 following his election by the Plenipotentiary Conference of the ITU in Nairobi in October 1982. He joined the Union in 1968 on his election as Deputy Secretary General.

Mr Butler achieved worldwide acclaim for his policy insights and effective leadership of the ITU in a period of rapid change in the international telecommunication environment. During this time, the ITU paved the way for integration of technology development and creation of frameworks for the subsequent immense growth of international telecommunications.

In the early 1970s, Mr Butler presented papers concerning the need for convergence of telecommunications and informatics, to facilitate institutional change, and the importance of telecommunication investment for the economic health of nations.

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# Accounting: four-year course recommended

THE REPORT of the Review of Accounting Discipline in Higher Education was presented to the Minister for Higher Education and Employment Services, Mr Peter Baldwin, on Friday June 29 and released on July 4.

The three-volume report, containing 62 recommendations, follows a comprehensive study of government-funded accounting programs in 49 Australian universities and other higher education institutions. A major recommendation of the report is that the equivalent of a four-year degree should be a prerequisite for admission to the two major accounting bodies.

The report claims that a four-year course will permit a diverse and more balanced education for accountants, reduce the severe constraints imposed on three-year courses by professional accreditation requirements, and allow major curriculum deficiencies to be addressed in the fourth year.

It suggests that the fourth year be provided through a double degree (a broad-based three-year degree followed by a Bachelor of Accounting), a Graduate Diploma in Professional Accounting or the first year of a Master of Accounting. According to the report, the present downturn in the demand for accounting graduates may possibly provide a short window of opportunity to make the proposed change.

Other key recommendations are to improve the way funds are allocated, reduce student-staff ratios and class sizes, increase the focus on communication and computing skills, lift the qualifications and increase the supply of academic staff.

# Psychosocial interventions for serious mental illness

A WORKSHOP for clinicians in psychosocial interventions for serious mental illness, particularly schizophrenia, will open at the University of Wollongong in August. The course will be co-ordinated through the NSW Institute of Psychiatry.

The sessions, conducted by Mr Paul O'Halloran, Senior Lecturer in Mental Health at the University of Wollongong, and Dr David Kavanagh, Department of Psychology, University of Sydney, experienced clinicians in the field, are part of a major research project aimed at evaluating and developing practical applications for delivery through public mental health services. The program will be conducted in two parts:

*Part 1: Introduction and Overview to Psychosocial Intervention in Mental Health*
**August 15**, from 12 to 4 pm in the Conference Room, Shellharbour Hospital, Madigan Boulevarde (Off Lake Entrance Road), Mount Warrigal (via Wollongong).

This is a half day program open to all those interested. Please contact Ms Sue Karpic or Dr Camille Way at Warilla Community Health Centre, telephone (042) 96 4200, if you plan to attend.

*Part 2: Therapeutic Skills Workshop*

This four-day intensive skills workshop which leads on from Part 1 will be held at the University of Wollongong, Northfields Avenue, North Wollongong, NSW 2500.
**Day 1**: August 29, from 9 am to 5 pm, in Kemira Room 3 of the Union Building.
**Day 2**: September 5, from 9 am to 5 pm, in the Conference Room of the Technology Centre.
**Day 3**: September 12, from 9 to 5 pm, in the Conference Room of the Technology Centre.
**Day 4**: October 17, from 9 to 5 pm, in Kemira Room 3 of the Union Building.

Participant numbers will be restricted and registration is required if attending the four and a half day program.

Applications should be made to The Secretary, NSW Institute of Psychiatry, PO Box 1, Rozelle, NSW 2039, tel (02) 810 5282, Fax (02) 810 5073.

The cost of the full four and a half day program is $40, payable to the Institute of Psychiatry.

Closing date for applications is August 3.

*The Vice-Chancellor and Principal, Professor Ken McKinnon, left, with the French Ambassador, Roger Duzer*

# French Ambassador visits Wollongong

ROGER DUZER, the French Ambassador to Australia, came to the University on Friday July 13 as part of his visit to Wollongong.

He met the Vice-Chancellor, Professor Ken McKinnon, and had lunch in the Administration Building.

The Ambassador was taken on a tour of the campus by Pro Vice-Chancellor Professor Lauchlan Chipman and Professor Peter Bolton, Dean of the Faculty of Science. The tour included a visit to the Faculty of Science, the Illawarra Technology Centre and the Library, where the Ambassador met representatives from the Department of Languages.

A reception was held for M. Duzer in the University Union boardroom. Among those present were languages students and others involved in the teaching and promotion of French in the Illawarra.

# Science teaching: Excellence is encouraged

THE FEDERAL Government is funding return air fares and living allowances of up to $A8,000 for 10 teachers of science who have won exchange fellowships to the UK.

Announcing the names of the first eight Australian teachers to receive awards under the UK/Australia Exchange Fellowship for Teachers of Science, John Dawkins, the Minister for Employment, Education and Training, said the program would encourage excellence in science teaching in schools. 'This is fundamental to upgrading Australia's scientific and technological performance during the 1990s', Mr Dawkins said.

The principal criterion in selecting the Australian teachers was that they used an imaginative approach to science teaching in the classroom.

The teachers were selected during the annual general conference of the Australian Science Teachers Association in Alice Springs.

## Library CD Classes

*Schedule for weeks 2 to 5*

| | | | | |
|---|---|---|---|---|
| **Week 2** | | | | |
| | Wednesday | July 25 | 1.30 pm | UMI |
| | Thursday | July 26 | 1.30 pm | Dialog |
| **Week 3** | | | | |
| | Tuesday | July 31 | 10.30 am | UMI |
| | Wednesday | August 1 | 10.30 am | Dialog |
| | | | 1.30 pm | SilverPlatter |
| **Week 4** | | | | |
| | Wednesday | August 8 | 1.30 pm | Dialog |
| | Thursday | August 9 | 10.30 am | ISI |
| | | | 5.30 pm | UMI |
| **Week 5** | | | | |
| | Tuesday | August 14 | 10.30 am | Academic Index |
| | | | 5.30 pm | Dialog |
| | Wednesday | August 15 | 1.30 pm | UMI |

# Agricultural economist visits

DR OSWIN MAURER, a visiting scholar in the Department of Business Systems for the period July to September, is a research associate and director of the computer laboratories in the Department of Agricultural Economics, University of Kiel, Germany.

Dr Maurer's main interests and fields of research are agribusiness marketing (strategic marketing and decision-making), marketing information systems (especially for small firms in agribusiness) and the use of computer systems in agriculture and agribusiness. Dr Maurer can be contacted through Associate Professor G Winley, Department of Business Systems.

**eeo news....**

# Seminar will pinpoint needs

THE OFFICE of the Director of Equal Opportunity in Public Employment has responsibility for co-ordinating the State Government's Equal Employment Opportunity Program in NSW. As part of its responsibilities in this regard, it has a central role in undertaking and promoting research into areas associated with equal opportunity in employment.

In particular the Office of the Director is interested in:

- research into discrimination in employment and particularly employment issues relating to members of the EEO target groups;
- research into human resources management and industrial relations systems and practices which have an impact on EEO target groups.

Academic researchers who are interested in undertaking research relevant to the development of the EEO program are invited to attend a seminar on **August 17** in the **Conference Room, Office of the Director of Equal Opportunity in Public Employment, Level 10, 8-18 Bent Street, Sydney.** The seminar will run from 10 am to 1 pm, with the purpose of indicating areas where research needs to be done. The Office of the Director is not, however, able to provide funding for projects.

# Frozen perfection

BERT FLUGELMAN'S Lawrence Hargrave sculpture 'The Spirit of Flight' has entered the 'ice age'. When Northbeach Parkroyal's food artist, Doohyun Baek, recently won Gold at the Salon Culinaire he wanted to celebrate by re-creating something identified with Wollongong. Doohyun, who works in ice, margarine, salt and chocolate, chose to recreate Flugelman's Lawrence Hargrave sculpture in ice. The Korean-born father-of-two is a 'spectacular' artist, using hammer, chisel and chainsaw as his tools-of-trade. Other works by Doohyun are on display daily at the Northbeach Parkroyal.

# Try the Lounge

**TIRED of the telephone, those constant interruptions and the noise of thousands of people? Looking for somewhere quiet to eat your lunch? Are you a member of the University of Wollongong Club or do you know a member? Why not try the University Club Lounge? It offers extremely comfortable lounge chairs, as well as a couple of tables and matching dining chairs for those who prefer to eat at a table. You may bring your own food and drinks or buy from the Union Cafeteria or even buy something small from the Union Bistro/Bar – they make a great hot chocolate. Facilities are available for those who wish to bring their own lunches: a microwave oven, refrigerator, tea and coffee supplies and the necessary crockery and cutlery. A dishwasher is provided to take care of the dirty dishes. Other facilities include a sound system, chess set and various magazines and newspapers.**

**Membership is open to staff and postgraduate students and membership application forms are available from Ted Ross (ext, 3942), Ross Lilley (ext, 3431), Peter Costigan (ext, 3418) and Flora Hutchison (tel, 61 2372).**

*Inside the University Club Lounge*

# 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 Lyndal Manton (ext. 3201). Intending applicants are reminded that all research applications must be forwarded through the Office of Postgraduate Studies.*

It's that time of year again when APRA, OPRA and UPRA application forms are available for 1991 study.

**Australian Postgraduate Research Awards** (APRA) are for Australian residents only, studying by research Masters or PhD degrees. There are also coursework applications available.
The University closing date is October 31.

**Overseas Postgraduate Research Awards** (OPRA) are for international students studying by research Masters or PhD degrees.
The University closing date is September 29.

**University Postgraduate Research Awards** (UPRA) are for both Australian and international students, again studying by research their Masters or PhD degrees.
The University closing date is October 31.

### Australian Research Council

*Australian Research Fellowships Industry (ARFI's)*

These fellowships are to facilitate the exchange of ideas, expertise and personnel between industry and academia.
The University closing date is September 14.

### Australian Academy of Science

*1991 Gottschalk Medal*

The medal recognises research in the medial or biomedical sciences by younger scientists. Eligibility criteria stipulate that candidates' birthdays must fall no earlier than 30 September 1954.

*1991 Pawsey Medal*

The medal recognises research in experimental physics by younger scientists. Eligibility criteria stipulate that candidates' birthdays must fall no earlier than 30 September 1954.

*1991 Thomas Ranken Lyle Medal*

The medal recognises outstanding achievement of research in mathematics or physics. There are no age criteria, but special weight is given to recent work.

*1991 Ian William Wark Medal and Lecture*

The medal recognises an eminent scientist whose contribution to the prosperity of Australia was made through the advancement of scientific knowledge and its application.

The University closing date for all the above medals is September 21.

### Maxwell Ralph Jacobs Fund

Grants are available up to $3,000 for work in or related to Australiasia in any field of forestry science.

The University closing date is October 19.

### Fenner Conference on the Environment

This is to support a conference bringing together those with relevant scientific, administrative and policy expertise to consider current environmental and conservation problems.

The University closing date is August 17.

### Australian Rotary Health Research Fund

Applications for this year's research funding are called for in respect of 'Environmental Health Problems of the Aged'. Preference is given to projects which involve community groups in the application.

The University closing date is August 17.

### The Menzies Scholarships

Scholarships in Law and Medicine and in Allied Health Sciences are being offered for 1991. The Law and Medicine scholarship is tenable at Oxford, Cambridge, St Andrews or Edinburgh. The research scholarship in Allied Health Sciences is tenable at the University. It is to deal with the health of Australians and will be judged on its relevance and potential contribution to the health of Australians.
The University closing date is September 31.

### Royal Society of Victoria Research Medal 1990

The medal is awarded on the basis of works published between 1 Jan 1984 and 31 Dec 1989 in the field of Biological Sciences.
The University closing date is September 17.

### Sir Maurice Byers Fellowship

Offered by the NSW Police Service to provide research opportunities for academics or researchers with special expertise, knowledge or interests relating to issues affecting Australian police work and the communities which they serve.
The University closing date is August 17.

### Australian Retinitis Pigmentosa Association

1991 applications are being called for in the area of retinitis pigmentosa (RP).
The University closing date is August 3.

### Oilseeds, Barley, Grain Legumes and Wheat Research Councils

Expressions of intent for new joint applications to grains research councils are being called for. These are compulsory for later full applications.
The University closing date is August 3.

### Australian Institute of Nuclear Science and Engineering

*AINSE Post-doctoral Research Fellowships*

These are awarded to persons wishing to undertake research projects in the fields, or applications, of nuclear science and engineering.
The University closing date is August 17.

## *Illawarra Committee for Overseas Students*

THE ANNUAL general meeting of ICOS will be held in the Union Board Room on Tuesday August 21 at 7 pm.

Written nominations for executive office are due on or before Monday August 13.

If you would like to attend or nominate an office bearer contact Wendy Jabri at the ICOS office in the Union Building, next to the Careers and Appointments Service, on Tuesday, Thursday or Friday from 9 am to 2 pm. Tel. 270158 or ext 3158.

## the art of lunch

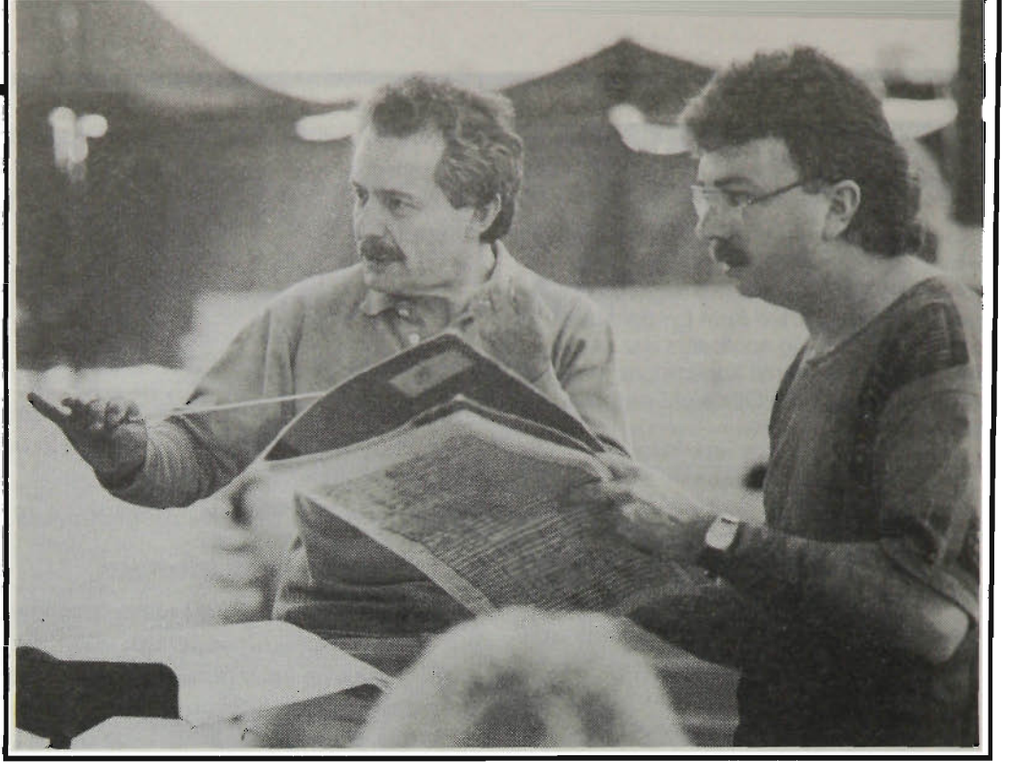
**THE SCHOOl of Creative Arts will present a further weekly series of hour-long ART OF LUNCH programs this Session. These Thursday lunchtime events take place in the Music Auditorium (Building 24), starting at 12.35 pm, and are open to the general public as well as staff and students of the University.**

**Among the highlights of the programs are recitals by internationally-renowned pianist Lisa Moore and flautist Laura Chislett, lectures/demonstrations by composers-in-residence Vincent Plush and Anthony Gilbert and recitals by Honours-candidate instrumentalists Toni Simon, Kyunghee Chung (pianists) and Nicole St Ilan (violist). Non-music programs will be presented by Charles Reddington and Katherine Nix, visual artists.**

**Enquiries to the convenor, Wayne Dixon, on (042) 27 0585 or (042) 29 7518.**

## What's on

# Vincent Plush – Composer in Residence at the School of Creative Arts



*Vincent Plush (right) with American conductor Jorge Mester (left) at a rehearsal of Plush's orchestral piece* Pacifica *at Aspen Music Festival,Aspen, Colorado, July 1988*

VINCENT PLUSH was born in Adelaide in 1950. He took his BMus degree at the University of Adelaide, moving to Sydney in 1971 to teach at the State Conservatorium of Music and later at the University of New South Wales. In 1976, he founded the Seymour Group which has remained one of the principal ensembles for contemporary music in Australia.

A Harkness Fellowship in 1981 took him to America, first to Yale University and later to the University of California, San Diego. This period saw the growth of his consuming interest in the musical traditions of new found lands, be it Australia or the Americas. Since 1986, Vincent Plush has been striving to enhance the presence of Australian music in North America, while his two highly acclaimed radio series for ABC-FM, *Main Street USA*, charted developments in American music for Australian audiences. He is an articulate and lively speaker whose energetic approach to the arts has made him a widely sought teacher both in Australia and, more recently, in America, where he will set up an Australian Studies program in 1991 at the Colorado College.

He has also been Composer-in-Residence for Musica Viva (1985) and ABC Radio (1987-8) and has worked as a consultant to many Federal, State and municpal arts bodies. His 1986 orchestral piece for the ABC, *Pacifica*, has been acclaimed as 'a major work in touch with people' and was recently recorded by the Dallas Symphony Orchestra under Eduardo Mata. He has a further three commissions for orchestral pieces in the coming two years as well as a position as a Music Advisor to the next Aspen Festival.

It is his concern for the nexus between composer, performer and audience that is perhaps Vincent Plush's principal contribution to Australian musical life and the distinguishing feature of his own music. Much of his music relates to the quest for an Australian identity, expressed in the context of Australia's colonial and folk heritage. This is music which mirrors the Australian experience, echoes its past riches and casts resonance on its future.

During his Residency Vincent will speak and perform at two events which are open to members of the public:

**Lunch hour concert of Australian Music**

*Wednesday, July 25, 12.45 to 1.30 pm, Music Auditorium*

Music by Vincent Plush, Peter Sculthorpe, and Martin Wesley-Smith with Robert Constable, piano; Elizabeth Hollowell, violin.

**The Art of Lunch Meet the Composer: Vincent Plush**

*Thursday, August 2, 12.35 to 1.25 pm*

Vincent Plush will talk about his diverse interests as an Australia composer. He will play some of his music as well as pieces by Percy Grainger.


The University of Wollongong Union

**Annual Acquisitive Art Award**

**'1990 Works on Paper'**

**Union Week**

**August 27 to 31**

Prize money of $1,000 will be divided into two Acquisitive Awards – one of $700 and one of $300.

Entry forms available from the Union Office



**a body of work**

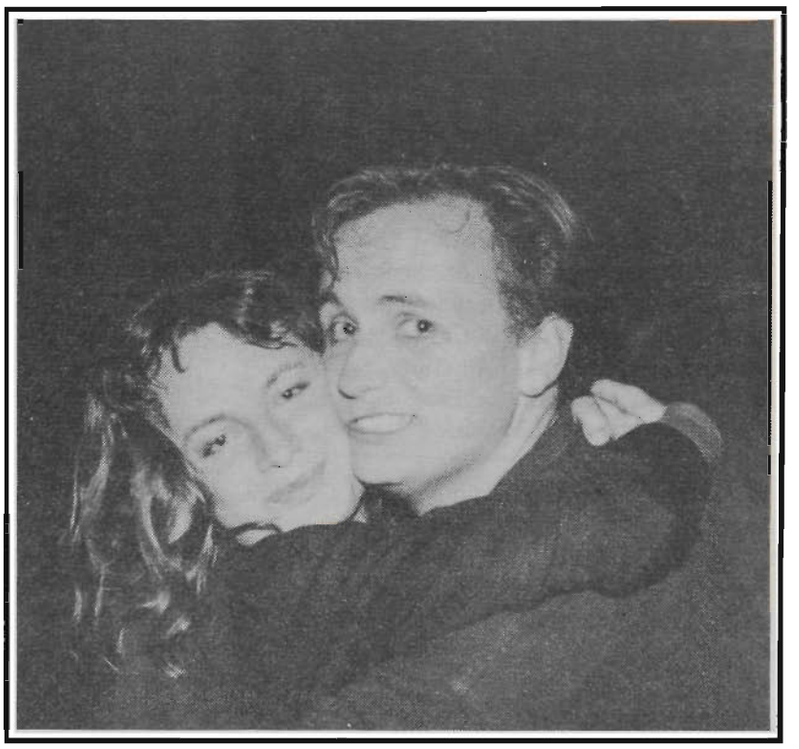
WEST WOLLONGONG TAFE STAFF SHOW

THE LONG GALLERY,
SCHOOL OF CREATIVE ARTS,
Northfields Avenue, Wollongong

Monday to Friday 10 am to 12.30 pm and 1.30 to 4 pm; Sunday 1.30 to 4 pm

Sales area: paintings/ceramics/jewellery/textiles/prints.
Framing service.

# Raising funds for FAST Festival



*Sarah Dunn and Andrew Fairley giving a performance of INKOS*

STUDENTS from the Theatre Strand of the School of Creative Arts and the Duckpond Drama Society have agreed to pool their resources to send their best possible productions to this year's FAST (Festival of Australian Student Theatre). This year the festival is being held in Hobart during September.

A selection panel comprising both theatre students and Drama Society members will evaluate all proposals and consider all performances with the intention of putting together a show that will make FAST and the community at large aware of students' artistic abilities and their own capacity to organise such an activity in their own interest. As the budget and monies sought could be in the vicinity of $15,000 all up, it will be a challenging undertaking. Places available for the trip to Tasmania will be strictly limited by financial constraints and it is likely that students will have to subsidise their own living expenses to some extent.

*FLAME Red Red Red,* a fundraising event presented by INKOS Productions and the School of Creative Arts will be held at the Union Common Room on Thursday August 2 at 8.30pm. The show will consist of a selection of works from potential candidates as well as some extra entertainment. The emphasis will be on original material generated, written, composed, designed and produced by students. A tightly organised and highly motivated performance/production group will be needed to prepare for FAST, once final selections have been made.

The Salamanca Arts Festival, held in Hobart annually, will coincide with FAST, so an opportunity will be needed to demonstrate talents and skills before a wider arts audience as well as among students of theatre and drama from across Australia.

A long term aim of this project is for Wollongong University to become the host venue for FAST in 1992 or 1993, an event which would raise the profile of the school and have benefits for all involved.

For more information about the performance contact Leonie Molloy, ext 3580.

# Music for Tonga

AUSTRALIAN pianist Marilyn Meier and the Cover Chamber Orchestra will tour the Kingdom of Tonga until July 24. They will give several performances for the Royal Family, general public and schoolchildren in the capital city of Nuku'alofa.

The tour will be the first time an Australian orchestra has visited and performed in the Kingdom of Tonga. This visit has been initiated by Marilyn Meier and made possible with assistance from the Australian Government through the Department of Foreign Affairs and Trade, Burns Philp Pacific Division, Air New Zealand and Mala-Daki Artist Promotions.

Marilyn Meier, the 1989 winner of Channel Ten's Young Achiever Awards Arts category, is currently completing her Doctorate at the University of Wollongong, where she is also Guest Lecturer in Music Performance. Before going to Tonga, Marilyn gave recitals and masterclasses in Japan. The Cove Chamber Orchestra's recent concerts include performances at the Opera House in the 'Mostly Mozart' and 'Basically Bach' series.

*Marilyn Meier*

## Weight Watchers on campus

Do you usually gain a few kilos in winter?
Or have you been carrying extra kilos for a few years?

Don't let it happen any longer.

With a little effort you could be a few kilos lighter at the end of this winter.

Weight Watchers are in room 304, Administration Building, each Wednesday at 12.30 pm.

Cost: $ 9.90 a week, $8.90 student concession

Tel. Terri on 29 5531; or Faye, ext 3030; or June, ext 3691.

# Seminars

### Department of Business Systems

**Thursday August 2** at 12.30 pm in Kemira Room 4, Union Building: Dr Karen A Forcht, Associate Professor, Department of Information and Decision Sciences, College of Business, Somes Madison University (currently a Fulbright Scholar with the Department of Business Systems), *Establishing an Ethical Environment in Computer-related Classrooms.*

### 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 August 2:** *Identity and difference in Australian arts 1.* Australian composer Vincent Plush has actively embraced a search for national identity in his work and will join *Sydney Morning Herald* art critic Christopher Allen in an open forum discussion.
Enquiries to Dr Andrew Schultz, Director, Postgraduate Studies, School of Creative Arts, tel. (042) 27 0985.

### Department of Electrical and Computer Engineering

**Monday July 30,** 12.35 to 1.25 pm in Building 35.G45: Mr Y K Jang, *Minimising computational delay in self-tuning control.*

### Equity in Education program

Meetings will be held in Building 21.104 at 4.30 pm.

The Equity in Education Program is holding regular meetings which will include reports from research projects. These reports will focus on the research process (specific problems, research design and so on) and aim to provide a forum for sharing research experiences and exchanging ideas. They will not be formal presentations – the emphasis will be on interaction and discussion with colleagues. Researchers outside the program are invited to attend to foster interdisciplinary research and scholarship as well as to facilitate information exchange. The regular Equity in Education Program meeting is scheduled for 4 pm on each of these days and members/associate members are asked to be in attendance at this time.

**Friday July 27:** Deslea Konza and Ron King, *Cognition and IM students*

**Friday August 10:** Noeline Kyle, Ron King, Jan Wright and Jan James, *Women and non-traditional study at the University of Wollongong*

**Thursday August 23:** Noeline Kyle, Ron King and Michael Stone, *Interdisciplinary approaches to telling lives*

Enquiries to Associate Professor Noeline Kyle, tel. (042) 27 0374 or Ms Jan James (042) 27 0078. Coffee/tea provided.

### School of Learning Studies

*Gender and Education Unit*
Seminars are held in Building 21.104 at 4.15 pm on Fridays (unless otherwise indicated).

**August 3:** J. Wright, Lecturer, SLS, *Gender representation of the body at the Seoul Olympics*
**August 17*:** Associate Professor Noeline Kyle, Co-ordinator, Equity in Education Program, *Telling the lives of 'ordinary women': the case of women teachers*
* Seminars offered jointly by the Gender and Education Unit and the NSW Branch of the Australian and New Zealand History of Education Society.

Tea/coffee provided at all seminars. Enquiries to Associate Professor Noeline Kyle, tel. (042) 27 0374 or Ms Jan James (042) 27 0078.

### Department of Materials Engineering

Seminars to be held jointly with the Wollongong University Student Chapter of the Metallurgical Society on Tuesdays from 4.30 to 5.30 pm in Building 1.134 (unless otherwise specified).

Enquiries to Associate Professor D. Dunne, tel. (042) 27 0014.

**July 31:** Dr D. Willis (BHP CPD), *The metallurgy and technology of continuous annealing*
**August 14:** Dr K. Snowden (ANSTO), *Creep and fatigue at elevated temperatures*
**August 28:** Dr Aibing (UW), *Particle size segregation*

**September 11:** Professor H. Worner (UW), *Microwave processing*

### New Literatures Research Centre

**Friday August 3,** 2.30 pm in Building 19.1083: Professor Ihab Hassan, *Travel and autobiography in cross-cultural perspective*

All welcome.

### Department of Public Health and Nutrition

Seminars are held in Building 5.G03 between 12.30 and 1.30 pm on the dates given. Anyone who is interested is cordially invited.

**Wednesday August 1:** Dr Rohan Jayasuriya, *WHO functions and links*
Enquiries to Ms Linda Tapsell, Lecturer, Department of Public Health and Nutrition, tel. (042)27 0152 or ext. 3152.

### Department of Science and Technology Studies and Department of Economics, joint seminar

**Thursday July 26** at 11.30 am in Building 19.1056: Di Kelly, Department of Economics, University of Wollongong, *Steelmaking technology: shaping workplace relations*

### Social and Psychological Health Research Program

All seminars are held on Tuesdays in Building 19.1056 from 12.30 to 1.30 pm.
**August 7:** Alan Avery, *Health ecology model of health and health care.*
Contact Sheree Anshel, ext. 3499.

## Iranian earthquake appeal

Iranian students at Wollongong University ask for your generous material and cash donations.

Medical supplies (milk powder, canned fruit and vegetables), as well as blankets and sleeping bags, can be donated to the Illawarra Ethnic Council at 16 Stewart Street, Wollongong.

Cash may be donated at any branch of Westpac (please quote a/c 353333, Manuka Branch, ACT).

Enquiries to (06) 85 9411, Westpac, Manuka, ACT.

There is also a collection box in the International Students' Adviser's Office at the University.

# Advertisements


**PRIVATE SALE – TOWNHOUSE**
Northern suburbs on tidal lagoon. Five minutes stroll to surf beach or boat ramp. Modern two-bedroom town house in block of three facing reserve area and bicycle track. Professionally decorated. Must see to appreciate. $105,500. Tel. Peg MacLeod on ext 3917 or (042) 84 7095

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