

CAMPUS NEWS

University Day Student Award

University Day celebrates the anniversary of the establishment of a University College on the present site in 1961.

A function is held each year on the Monday nearest to 8 May. This year the day actually falls on 8 May.

At the function in the evening, addresses will be given on Internationalisation of the Illawarra by Group General Manager, Sheet and Coil Products Division, BHP Steel, Mr Ian McMaster, and the Vice-Chancellor, Professor Gerard Sutton.

The function traditionally includes this keynote address and a celebration of the achievements of members of the University over the previous 12 months which takes the form of three awards:

- The Ethel Hayton Award for a staff member who has enhanced the relationship between the University and the community;
- The Vice-Chancellor's Excellence in Teaching Awards for Academic Staff;
- The Outstanding Service Award

introduced

for General Staff.

The University Day Committee, chaired by the Deputy Chancellor, Dr Gillett, proposed that students, who obviously form a large and vital part of the University, should be included more directly in this annual celebration.

The committee recommended to Council that a University Day Student Award be established to recognise outstanding achievement by a student in both academic pursuits and by way of contribution to other activities involving, for example, sport, the arts and community service.

Council approved the award at the meeting of 7 April.

Students will be nominated by deans, heads of departments and the President of the SRC.

A selection committee will select the most outstanding student, comprising the Deputy Chancellor, the academic staff member of the Uni-

versity Day Committee, the student member of Council and a head of the Halls of Residence (elected by the Heads of Halls). The award would carry the reward of \$1000.

Candidates must:

- Be enrolled as full-time students in an undergraduate degree program at the University of Wollongong;

- Have completed two years of an undergraduate degree program.

Selection will be based on:

- Proven intellectual and academic ability of a high standard;
- Evidence of participation in activities in the University and/or in the community;
- Communication skills.

Deans, heads of departments and the President of the Students' Representative Council are invited to forward nominations on the appropriate form which is available from Lynn Woodley, ext. 3360.

A curriculum vitae is not required, but may be attached if considered necessary to support the application.

University a venue for police training

The University of Wollongong was the venue for a course for police sergeants from the Illawarra Police District to foster excellence in supervision and enhance appropriate skills.

Overall, seven groups attended during March and early May, including one group of commanding officers and senior sergeants who were looking at ways to support the supervisors.

Involved in the course were the District Commander, Chief Superintendent Dave Care; the Commander, Internal Affairs Branch, Lola Scott; and Inspectors

Moore and Mawsley and Snr Sergeant Charles Pasfield who are honorary teaching fellows at this university.

The University has had a long and mutually productive association with the NSW Police Service.

The Department of Management has been running a management course for mid-career police at the Goulburn Police Academy and the first graduates from this course will receive their awards at a graduation ceremony on 11 May.

The police band will provide some of the music for the occasion.

Water reuse research project with Asian Institute of Technology

The Department of Civil and Mining Engineering is involved in a joint research project on the reuse of water resources.

Beginning last year, Dr H.B. Dharmappa from the department of Civil and Mining Engineering is working on several collaborative water reuse projects with the Asian Institute of Technology, Bangkok.

Like many other natural resources, water is also becoming a scarce commodity world wide.

In many Asian countries the concern for conservation and reuse of water resources has dramatically increased in recent years.

Solutions range from several management options to many technological alternatives.

There are consistent efforts being made by water and waste water engineers for finding appropriate tech-

nology, which is suitable for developing countries.

One of the joint research projects is the Application of Membrane Processes for Water Treatment and Wastewater Reuse. Membrane processes are perceived to be technologically superior, and are considered to be alternative treatment technology for conventional water treatment systems.

However, the economic viability of this alternative has to be still determined for developing countries.

The present project is proposed to assess the economic viability of membrane processes for water treatment as well as wastewater reuse.

This is a collaborative research project between the University of Wollongong, the Asian Institute of Technology (AIT) and the University of Technology, Sydney.

This project involved series of ex-

perimental studies at Wollongong and AIT.

Recently, Dr Dharmappa visited AIT for conducting pilot scale experiments. Initially the project was proposed for the duration of four months (January - April 1995).

However, this will be extended further for another one or two years depending on funds.

The benefits of this project are economic analysis of membrane process as applicable to Asian conditions, and feasibility analysis of reuse and water conservation measures which are applicable to Asian countries.

This work is a part of the activities of the Geo-Environment-Mine (GEM) Engineering Research Centre and the research is also partially supported by the Environment Research Institute through its Small Research Grant Scheme.

Increased enrolments, Asian expansion, Auckland meeting

The Professional and Graduate Education consortium (PAGE) which has been operating for 18 months has announced that its graduate enrolments have shown a substantial increase over the same period last year.

Recently appointed Director of PAGE, Dr Jim Beck, attributed the gain to a new upmarket image developed for PAGE, the increased number of courses available and a highly successful Open Week broadcast by SBS.

PAGE now offers 30 courses at the graduate level covering the fields of business, engineering, management, health, language education, media, communications and consumer research.

A survey of the last two years' participants highlighted the value of the broadcast component as an aid to the study and revision of courses.

Dr Beck said that Open Week was an important way of showcasing the capabilities of the member universities.

It also provided a much-needed means of explaining the nature of flexible and open education so that graduates were better informed about the

opportunities available for upgrading their skills and continuing their professional education.

Open Week is to be repeated on SBS, the PAGE broadcaster, in the week commencing 17 April.

PAGE now draws members from 12 universities.

The University of Auckland is PAGE's first international member and late last year TV New Zealand was accepted as an Associate Member.

PAGE has been transmitting programs via the ABC's Asian satellite service ATVI to test the acceptance of courses within the region. PAGE's Asian potential is enormous, with

course materials being broadcast as general interest programs. The ATVI is not heavily accessed, but is available across China, Vietnam, Malaysia, Indonesia and Papua New Guinea.

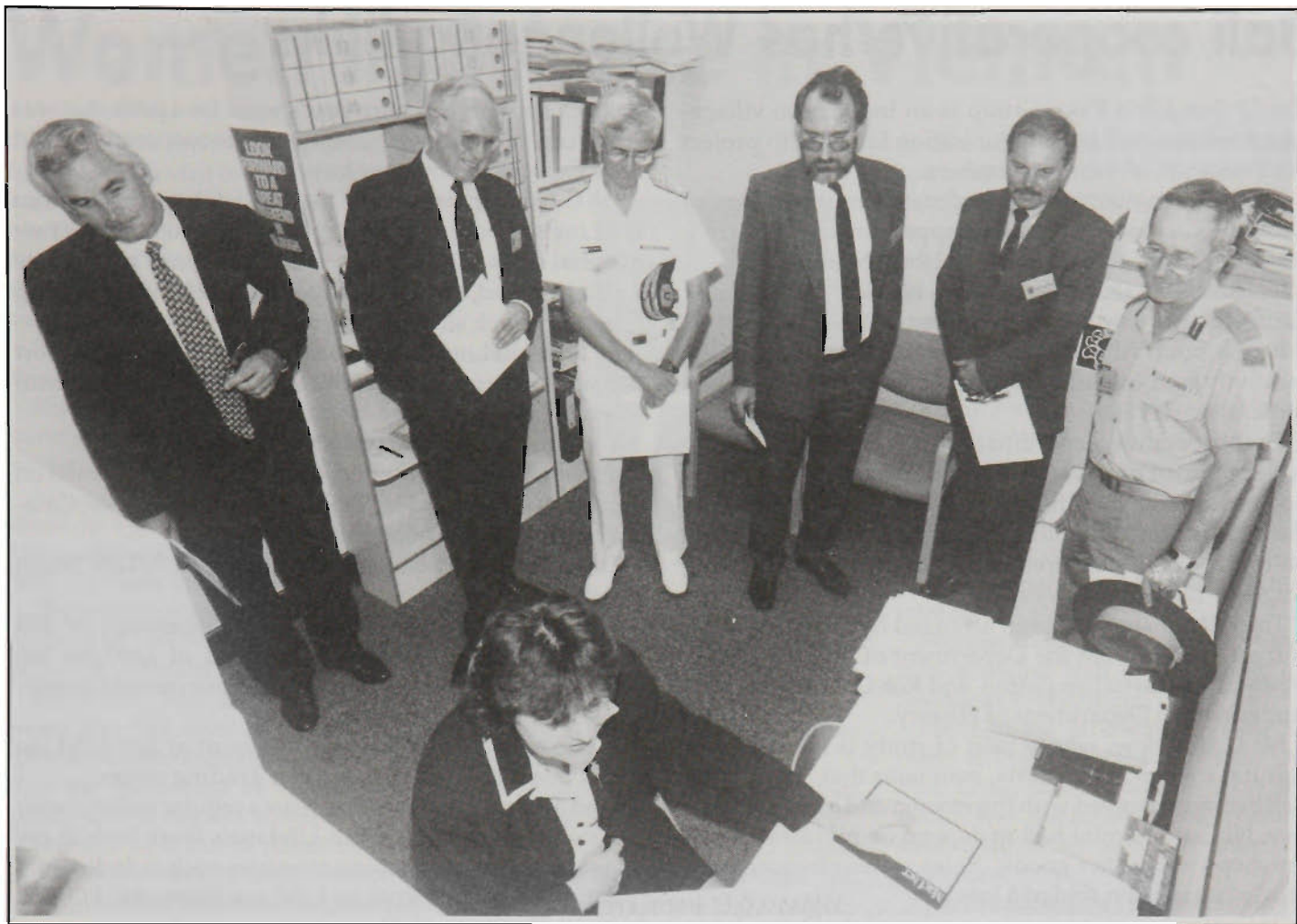
The international marketing of courses will be a major item of business when the PAGE Board next meets in Auckland in April.

On the agenda for Auckland is a new marketing plan which would see the consortium expand from traditional graduate course to professional programs, which are tailored to the needs of industry groups.

The plan envisages a high degree of cooperation between PAGE and Co-operative Research Centres.

PAGE

Professional & Graduate Education



Representatives from the Defence Industry Committee visited the Interactive Multimedia Production Unit in Educational Media Services as part of their tour

Defence Industry Committee visits University

The Defence Industry Committee toured the University on 28 March as part of a visit to the City of Wollongong that was organised by Wollongong City Council.

The aim of the visit was to make the Defence Industry Committee aware of the strategic importance of the Illawarra region and to give some of the high status members of the commit-

tee the opportunity to learn about Wollongong at first hand.

As well, opportunities for local organisations to do business with the defence industry were explored.

The Defence Industry Committee is a senior advisory committee to the Minister for Defence on a range of issues affecting defence policy for industry.

The committee comprises industry members appointed by the Minister and ex officio departmental members drawn from senior military and civilian appointments within Defence and also from the Departments of Industry, Technology and Regional Development, and Finance — giving it a broad geographic and industry representation.

After a welcome by the Vice-Chancellor, Professor Gerard Sutton, the committee was taken on a tour of the University by the Dean of Engineering, Professor Tibor Rozgonyi, and the Dean of Informatics, Professor Sid Morris.

They visited Educational Media Services, the Intelligent Polymer Research Laboratory, the Centres for Maritime Policy and Superconducting and Electronic Materials, BHP Institute for Steel Processes and Products and the Switched Networks Research Centre.

Further discussions took place over lunch in the McKinnon Building.

Leading US Biomaterials scientist to visit IPRL

Professor S.W.Kim from the University of Utah, will visit the Intelligent Polymer Research Laboratory (IPRL) at the University of Wollongong this week as part of an ongoing international collaborative program.

This program involves the development of intelligent polymer materials for biomedical applications.

During his visit Professor Kim will deliver the opening address of the launch of The Intelligent Biopolymer Research Unit (IBRU) today (12 April).

The formation of this research unit signifies an important breakthrough in collaborative research activities in the Illawarra region.

The unit is a venture involving staff from the Intelligent Polymer Research Laboratory and the Illawarra Area Health Service.

Combining expertise in Intelligent Polymer research and Medical Science, the research team is poised to make a significant impact in biomaterials research.

Bali cooperative has Wollongong links

The Dusun Jukut Paku Group is an Indonesian village-based women and girl's organisation founded to protect the livelihood of their 60 members.

This weaving cooperative is located in the village of Dusun Jukut Paku - Singakerta, approximately 7km from the cultural and tourist centre of Ubud central Bali.

Unlike Ubud, Dusun Jukut Paku has no running water, electricity, paved roads or sewerage.

It is a poor village that depends on the hard work, creativity and initiative of their cooperative to provide some basic services.

The cooperative is coordinated by Ni Gusti Ayu Armini and supported by Mitra Bali, a non-government organisation now working with LifeLine South Coast to facilitate the production of handicrafts made under a fair-trade policy. The policy ensures that producers receive a living wage for their skilled weaving.

The relationship has been arranged by Bali scholar, Dr Adrian Vickers from the Department of History, who is Mitra Bali's Australian patron, and Rob Goodfellow, PhD student in the Department of History.

Mr Goodfellow, whose field of study is industry and cultural change in Jogjakarta, maintains that, 'until Mitra Bali became involved with the women and girl's cooperative, Ni Gusti Armini had to depend on middlemen and art shops to buy her goods. Sales were infrequent and articles were often sold at a loss'.

'In September 1994 LifeLine purchased the Dusun Jukut

Paku Cooperative's entire year's work for a price that was 20 per cent higher than the best price the cooperative could have expected from other buyers.

'Ni Gusti Armini has now channelled the proceeds from LifeLine's purchase into increasing the cooperatives raw material stock. She has also used this money to promote a village-based and culturally-sensitive family planning program which she also coordinates.'

In 1995 LifeLine South Coast will continue to support the work of cooperatives through its association with Mitra Bali.

You can support this work in two ways.

One is by buying the ethically-produced handicrafts on display at LifeLine's Fair Trading Store, level three, Gateway on the Mall Wollongong.

The second is by becoming a friend of LifeLine South Coast.

The annual membership of \$10 (concession) or \$15 (ordinary membership) gives a friend of LifeLine the opportunity to support LifeLine's 24-hour free and anonymous telephone counselling service.

It also ensures a 10 per cent discount at any LifeLine South Coast Shop or LifeLine Fair Trading outlet.

In addition members will receive a regular bulletin with news and information about LifeLine's work both in the Illawarra and in developing countries such as Indonesia.

For more details write to LifeLine Illawarra, PO Box 5339, Wollongong 2500.

BUSINESS AND ECONOMIC DEVELOPMENT IN MIDDLE EASTERN AND MEDITERRANEAN COUNTRIES

Sydney 7-9 November 1995

Following their highly successful conference on Islamic Banking, the International Business Research Group at the University of Wollongong is holding this conference to explore the research relevant to Middle Eastern and Mediterranean countries in the following areas:

- * Economic Development
- * Business Administration & Prospects
- * Economic & Political Integration
- * Accounting & Finance
- * Impact of the Peace Process on Future Developments.
- * Problems of Environment
- * Economic Analysis & Policy
- * Government & Administration
- * Quantitative Models & Estimation Techniques

The conference is being organised in conjunction with the Australian Association for Middle East Economic Research (AMEER), an independent body established to advance the scientific and economic frontiers of Middle East countries and to enhance academic relationships with Australia, New Zealand and neighbouring countries.

Venue:	The University Centre, 210 Clarence St Sydney
Deadline for Abstracts:	19 May
Deadline for registration:	13 October
Conference Coordinator:	Mokhtar Metwally, Dept of Economics, University of Wollongong. (042) 214 017 Fax (042) 213 725

Women in Science in Vietnam

On the recent Environment Research Institute (ERI) visit to Vietnam, senior lecturer in the School of Geosciences, Ms Toni O'Neill, was invited by Professor Pham Thi Tran Chau to address the Women in Science Club at the University of Hanoi.

Professor Chau is the president of this very active group of women.

She is head of the Biochemistry Department and one of the three women professors of Biology at Hanoi.

Ms O'Neill took part in lively discussions on the difficulties of attracting top women scientists to Universities in both Australia and Vietnam.

The women scientists in Hanoi were amazed to find how similar the situation is in Australia.

Professor Chau said that over the years she has seen many excellent women undergraduate students, but that the percentage of women with postgraduate degrees was still small.

She also said that at Hanoi University there were at least seven women in Biology who were directors of research projects.

Though their work includes research on biological, ecological and technical issues at national and international levels, promotion and further study was difficult. There are very few women in senior positions in the University.

The women said that though promotion was difficult, the criteria for promotion were exactly the same for women as for men and pay scales exactly the same.

It was through Professor Chau's efforts that the Women in Science Club was originally set up to assist women address some of these issues.

In 1992 the women's science club obtained funding from The Netherlands as part of a larger cooperative grant between the Biology Faculty of Hanoi University and the Universities of Amsterdam and Lieden. This project is called the VH3 project.

The Netherlands funding has enabled the women in Biology to obtain a permanent meeting room at the University, a small library and a computer that will soon be linked to Internet.

The women Toni met were very enthusiastic about the Internet as they are very keen to make contacts with colleagues working in their fields in other parts of the world.

Most of the younger women have



been educated at Hanoi. Many of the older women had studied in the former USSR, Eastern Europe or in France.

Some had done recent short courses in Thailand.

Funding from the VH3 project has enabled the club to run English classes, computer literacy classes and classes in cooking, flower arrangement and how to manage a home and a career.

The room is used constantly. Meetings and discussion groups are held at least every second week.

The goals of the club are:

- To provide support for women to successfully complete scientific research and widen cooperative scientific exchanges with scientists from within and outside Vietnam;
- To organise ways to foster and upgrade the foreign language abilities and computer skills of women in science;
- To encourage women with talent, especially young women with high accomplishments who wish to pursue teaching and research careers; and
- To foster and improve women's knowledge of family matters in order to aid them in combining a stable personal life with their scientific career.

Ms O'Neill was very impressed with the well-rounded approach they had to the needs of women academics.

Interestingly child care did not feature as a significant issue as it does in our situation.

When asked about this the women said that the whole family assisted.

Young children go to kindergarten or are left in the care of grandmothers.

This does not pose a problem as most families live in extended family groups.

It is sometimes difficult for women

to take advantage of overseas study opportunities, however, as they cannot take their families and may be away several years.

Ms O'Neill discussed the situation for women scientists in Australia and specifically about the aims of the Australian organisation Women in Science Network (WISNET).

There were many questions about the Australian situation and the comparisons between the two countries.

Women make up 66 percent of the total number of students in Biological Sciences at Hanoi and 44 percent of the total faculty staff are women.

Women comprise 14 percent of the total academic staff in the Faculty of Science at Wollongong.

Head of the Biochemistry Department in Hanoi, Professor Pham Thi Tran Chau, said her major area of research was the isolation and characterisation of proteinases and proteinase inhibitors.

She has identified trypsin inhibitors from plant and insect sources in Vietnam.

Some of her research has led to the development of an improved and more nutritious infant formula.

Most of the women scientists spoke English, were enthusiastic about their teaching and their research and keen to assist young people in science.

They were especially keen to have further contact with people in their research fields in other countries.

Unfortunately there will be no women in the group of six academics visiting the University of Wollongong in May this year.

The ERI team discussed setting up collaborative teaching (especially in the high-tech areas), co-supervision of postgraduate students and study visits between Hanoi and Wollongong academics.

If anyone is interested Ms O'Neill has further information, addresses and hopefully soon an e-mail address for the Women in Science at Hanoi University.

They feel their isolation keenly and are very enthusiastic about making contacts outside Vietnam.

All the scientists the ERI team met in Vietnam are especially concerned to equate their research to what is happening elsewhere.

Splendid concert tonight for Holy Week

The University Singers, directed by David Vance, will present its Easter concert at the Wollongong City Gallery tonight (12 April) at 8pm.

The program is principally drawn from the Renaissance, although the English baroque is represented by the eight-part anthem *Hear My Prayer, O Lord* by Henry Purcell, whose music is particularly celebrated in 1995, being the 400th anniversary of his death.

Thomas Tallis' *Lamentations of Jeremiah* is the most substantial item in this program of a cappella choral music.

Traditionally the prophet Jeremiah's lamentation, in which he implored 'Jerusalem' to return to the true faith, were sung during Holy Week to remind the congregation of the redemptive nature of Christ's passion and death.

Tallis' setting is in two parts and scored for five voices.

Also included in the program are two motets by William Byrd, the beautiful *Ave verum corpus* and *Victimae paschali*. John Taverner's richly textured meditation upon the Resurrection, *Dum transisset sabbatum* which explores the extremes of vocal register finds an ideal setting for performance in the splendid acoustics of the City Gallery, which will also suit the six-part motet *Maria Stabat* by the Venetian Andrea Gabrieli.

Finally Josquin's *Ave Christe immolata* provides a marvellous confirmation of that composer's reputation as the greatest of all the high Renaissance masters.

Admission at the door: \$10; \$6 concession. Children under 12 admitted free.

Postgraduate works at the Long Gallery

Marilyn Walters Binghui Huangfu
Enis Tan Ron Stewart

Until 28 April

This exhibition which was opened by Dr Sue Rowley, Director of Postgraduate Studies, on Thursday 30 March, shows works in progress by students enrolled in Honours, Master of Creative Arts and Doctorate of Creative Arts.

Marilyn Walters in her artist statement about her body of work, called *In a grain of sand*, states that 'the works in this exhibition present the confrontation between human consciousness and the natural world...' One way of doing this is the subversion of scale. The result of this is a series of tiny landscapes which invite the viewer to come closer to examine the seductive surface of these small collages.

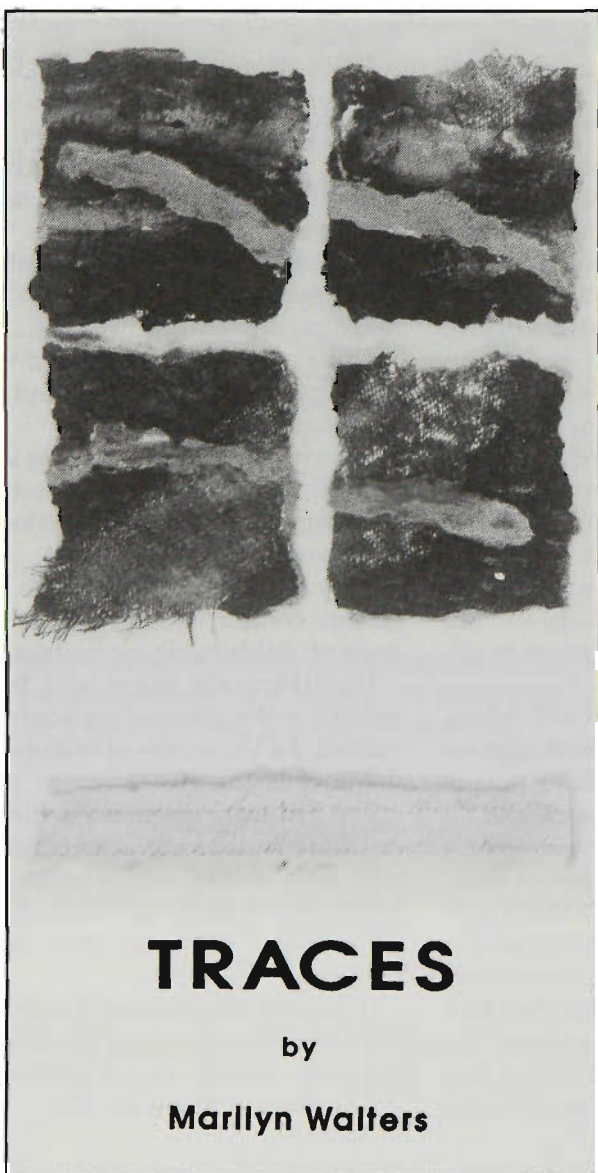
Binghui Huangfu, a Chinese artist with a background in filmmaking, design and sculpture, is working on a larger scale and again the surface of the paintings in the series *Towards a Fusion* is full of interest - the layering of marks and images, plus text make these read in a number of different ways.

Enis Tan from Turkey, is showing traditional shadow puppets made from hand painted leather and used for many hundreds of years to entertain the people in towns and villages throughout Turkey.

Ron Stewart's etchings and block prints, reflect his studies of Japanese culture and enjoyment of simplicity of line.

Gallery hours 9-4pm Monday-Friday, 1.30-4pm Sundays.

Enquiries: (042) 213 996.





Thai artist, Associate Professor Viboon Leesuwon with some of his paintings on Sa paper.

Inspired by contrasting local cultures

Head of Visual Arts, Faculty of Arts at Silpakorn University's Nakorn Pathom campus in Thailand, Associate Professor Viboon Leesuwon, made a brief visit to Wollongong recently.

In December last year he and Richard Hook, a visual arts lecturer in the Faculty of Creative Arts at Wollongong, held a joint exhibition at Silpakorn University Art Gallery in Bangkok.

The exhibition presented works by the two artists that were informed and inspired by their respective local as well as cross-cultural experiences.

In March, the exhibition moved to the offices of the Australian Embassy.

The two lecturers met in 1991 while Mr Hook was on study leave, and in

1993 Associate Professor Leesuwon was invited to Wollongong University as an artist-in-residence.

Associate Professor Leesuwon's abstract paintings are usually done on Thai handmade Sa paper which is first cast on a relief mould, giving the finished paintings a sculptural dimension.

He likens these richly coloured and textured works to music or poetic language.

His work is presented in a modern form in which composition of colour, form and texture are the main body.

This form leads his audience to what he intends them to feel in his 'Poetic Colours on Sa Paper'.

Mr Hook, a respected artist who

has taught in several Australian art colleges and exhibits regularly throughout Australia, chose works for the exhibition to reflect contrasting strands of interest.

The Southern Forest series emulates the juxtaposition between the natural environment along the Illawarra Escarpment and industrialised Port Kembla Harbour.

The other collection, Silent Witness, reflects the impact of visual culture and human suffering, thus serving as a historical record of society today.

Future projects are being considered by the two colleagues including exchange of staff and student exhibitions and short study tours for students interested in Thai visual culture.

Union Activities

All members of the Union, students and staff are invited to attend.

27 April: Band Competition Heat 1, Uni Tavern.

1-5 May: International Week.

11 May: Band Competition Heat 2, Uni Tavern.

25 May: Band Competition Heat 3, Uni Tavern.

27 July: Band Competition Final.

7 August: Union Art Award.

4-8 September: Union Week.

8 September: Union Dinner.

General

The Campus Alumni Bookshop will open on the second and fourth weekends of each month. Come and browse through a wide selection of preloved textbooks and fiction. Campus East, Cowper Street, Fairy Meadow (opposite Science Centre). All proceeds directed towards Campus projects. Donations of material are invited. Enquiries to Alumni Office, phone 213 249 or 291 951 (anytime).

18 April: The Women's Issues Group will hold its next meeting in Room 3 of the Functions Centre of the Union Building. Speakers are naturopath Ree Van Galen, *Natural Therapies in Practice*, and Jean Winton, *The Art and*

What's On

History of Quilting in Australia. All are welcome. Cost: Members \$2.50. Non-members \$3.50. Enquiries: Moira Bowman, phone (042) 84 3741.

Faculty of Creative Arts

13 April: The Big Read. Readings by Creative Writing Students. 5.30pm Admission Free. All welcome. Music Auditorium (Bld 24).

13 April: The Art of Lunch. Clogstock re-re-visited. Music Auditorium (Bld 24). 12.30-1.30 pm. Admission free.

13 April: Postgraduate Colloquia. Faculty of Creative Arts postgraduate, honours, undergraduate students and staff, with guest speaker. Admission free. Music Auditorium (Bld 24). 5-6.30 pm.

13-30 April: The Rig. Playwright and Director Adam Kronenberg, Honours Student. Third year actors. Performance Space (Bld 24). 8pm. Admission \$16 - Conc. \$8.

27 April: The Art of Lunch. More readings from Recent Works from the work of Creative Writing students. Music Auditorium (Bld 24). 12.30-1.30 pm. Admission free.

Long Gallery

Exhibition program for 1995:

Until 28 April: Postgraduate Show - Marilyn Walters, Binghui Huangfu, Enis Tan, Ron Stewart - Prints.

4 May-28 May: Print Show - 5 School Exchange Portfolio. University of Wollongong; University of Florida, Gainesville; West Virginia University; Indiana University; Purdue School of the Museum of Fine Arts, Boston. Cambodian Textiles from the collection of Neil Manton. Monoprints: Jane Hall.

1-25 June: Mumblings - Patricia Prociw, Fiona Davies, Davida Wiley. Country Blues - watercolours Jelle van den Berg; Landscape Aspects - Vivien Haley block and mono prints on fabric.

29 June-30 July: NAIDOC Exhibition - Works by Aboriginal artists.

3-27 August: Artist Made Furniture.

1-24 September: Postgraduate Works - Eileen Dillon Smith, Marcie McConville, Enis Tan, Taskin Gencag, Hue Lin Zhu, Alan Spackman.

2 October-5 November: Archaeologies: Structures of Time - Diana Wood Conroy and Sharon Marcus. Reciphering - Katharine Nix. Pathways - Paper works by Ian Arcus.

13 November-10 December: BCA Graduating Exhibition.

Award for Brian Cambourne

At a recent Australian Reading Association National Council Meeting Dr Brian Cambourne from the Faculty of Education was awarded the Garth Boomer Award.

This award recognises and honours an individual's outstanding contribution over a sustained period in the area of literacy education.

Good news from abroad

Coordinator of the Creative Writing strand in the Faculty of Creative Arts, Ron Pretty, has received an E-Mail message from an excited Beth Cardier, Bachelor of Creative Arts student from Wollongong on exchange at the University of California, Berkeley, USA.

'I have great news about one of my stories called Fall,' Beth wrote.

'I just won one of Berkeley's most prestigious arts prizes for it, The Eisner Prize, which comes with \$1400.'

Campus News is published weekly on Wednesdays. Send material, preferably by Microsoft Mail or on disk, to E-Mail account 'Campus News' by noon on Monday of the week before that of publication.

For any other enquiries contact the Editor, Gillian Curtis (042) 21 3926. Campus News has a circulation of 3000. It is distributed on campus to staff and students. 1000 are mailed to the community and overseas including schools in Illawarra, southern Sydney and Canberra; local, Sydney and Canberra media; Friends of the University; business representatives; MPs and numerous individual requests.

Stop Press

Quality Forum

Thursday 20 April

3-5pm 2.30 Coffee and registration

Coolangatta Historic Village Resort

Members and students free
Non-Members \$20

Program:

- * E-Teams - A Workplace Quality Experience
 - * Benchmarking in theory and practice
 - * Quality workshop
- Information and registration
Des Scott 287764 or fax 296392
RSVP ASAP