



Framework Programme wins Ethel Hayton Trophy

THE importance of the work of Associate Professor Brian Cambourne and Jan Turbill of the School of Learning Studies in the development and marketing of the Framework Programme in the USA in 1990 has been recognised by the committee awarding the Ethel Hayton Trophy.

The Ethel Hayton Award is for notable achievement in 1990 in activities which enhance community support for the University.

This work is an example of the way in which the University of Wollongong is extending its influence in the international arena.

Not only is their research being applied at the practical level in classrooms but it is earning income for Australia.

This programme developed from their original research in evaluating the Australian Early Literacy Inservice Course.

The programme involves teachers at the primary level in enhancing their understanding of the basic inter-relationship of language and learning.

Humans have acquired knowledge and become able to develop and apply it only through use of a language.

Cultural diversity arises in part from the use of different languages in the learning process and hence differing patterns of thought.

It is vital for teachers to understand and build on the language skills of their students.

The Frameworks programme is designed to empower teachers more effectively to manage their interactions with individual students.

Developments of the programme will involve teachers and the parents of students in Years 4-8.

There are few activities with greater potential for community involvement than is the education system and it is no coincidence that the present applications have arisen in the United States where there is more diversity and a greater degree of "privatisation" of the educational system than in Australia.

That the concepts have international application is already demonstrated



Associate Professor Brian Cambourne

by the interest of educators from South-East Asia.

The programme was developed by Associate Professor Cambourne and Ms Turbill because of their inability personally to interact with all those who sought their help and in 1990 they conducted seminars with 30 instructors who each then worked with 12 teachers and they in turn applied their knowledge when teaching a total of some 9000 children.

Techniques to assess and evaluate the results were then analysed to develop a revised version of the programme for publication and wide distribution.

Professor Russell Linke, Dean of the Faculty of Education, accepted the award at the University Day function on May 6 on behalf of Brian and Jan who are in the States implementing their programme.

\$1m Telecom support centre

TELECOM officially opened the new \$1 million Suppliers Interface Support Centre – an Australian first – at the University of Wollongong on April 30.

The centre will help Telecom suppliers conquer domestic and overseas markets by giving them use of Telecom's world-class network systems for product testing.

Australian telephone consumers will be the ultimate beneficiaries of the centre with the introduction of a wider choice of customer equipment and value-added services.

NSW Minister for State Development, Mr John Hannaford, officially opened the centre via videoconference from Sydney.

CAMPUS NEWS extends deepest sympathy to Chris Hadley from Student Services.

Chris and his family were involved in a car accident last week which claimed the life of their three-year-old son Christopher.

Christopher's sister suffered head injuries and is in a satisfactory condition in Wollongong Hospital.

Colleagues and friends in the Administration Building are organising a collection as a gesture of support for Chris. Anyone wishing to contribute please contact Trevor Brew Student Services, ext. 3906.

ANOTHER member of staff from this University will be packing his bags this month to head off to Canberra.

Trevor James, from Management Information and Planning, Planning and Marketing branch has been seconded until the end of 1992 to the Australian Vice-Chancellor's Committee to fill a secretariat position servicing the AVCC and its Board of Directors.

The AVCC provides policy advice to government on behalf of universities and advice to universities on the administration of government policies and programs.

FULL professional conference management is provided by the Training and Professional Development Services Division of the Illawarra Technology Corporation.

From initial planning stages, budgeting, registration, travel and accommodation through to the final accounting transactions, a comprehensive, professional service is offered. Why re-invent the wheel when we've been there and done that?

We have the expertise and experience to help you. Call Margaret, tel. (042) 26 8884.

AUSTRALIA's first National Energy Management Forum will be held on June 24 and 25 at the World Congress Centre in Melbourne. You can obtain more information on the Forum by contacting a special information line (008) 023733.

CAMPUS East held its annual International lunch on May 5.

This event involved students participating in the preparation of foods from their home countries or favourite dishes they have come across over the years.

Students from Papua New Guinea began their cooking in the early hours of the morning with their traditional mumu, which is cooked underground.

Students from the South Pacific Islands, Japan, Korea, Taiwan and Thailand presented food.

Brief News

THE Centre for Staff Development is offering a program to help staff give up smoking.

In line with the University's policy of establishing smoke-free buildings on campus, those staff who want to give up smoking may undertake this program which aims to create a healthier and happier lifestyle.

The course runs for five weeks: four consecutive weeks for two hours on the same day each week then a booster session one month later. The dates are: July 18 and 25, August 1 and 8, and September 5.

All employees who smoke, but especially those whose work environment is smoke-free, are encouraged to attend. A minimum of 10 staff members must apply before the course will run.

The expected program outcomes include a reduction in the costs and risks of smokers in regards the health and well-being of themselves, others and the shared work environment.

The presenter is Employee Assistance Co-ordinator, Industrial Program Service, Michelle Spillane.

Because of the cost to run this course, and the notion that a particular group size is essential for group support, a firm commitment from interested staff is required at least one month before the advertised starting date. Please forward your nomination form to Jan James, at the Centre for Staff Development.

AT its recent annual general meeting, the University of Wollongong Academic Staff Association elected its executive for 1991-92.

They are: President: Mike Donaldson, Arts, Sociology, ext. 3745; Vice-President: Stewart Russell, Arts, STS, ext. 3602; Treasurer: Bob Williams, Commerce, Accountancy, ext. 3616; Secretary: Henri Jeanjean, Arts, Languages, ext. 3643; Engineering Faculty Rep: Max Lowrey, Civil and Mining, ext. 3056; Education Faculty Rep: Nina Southall, Learning Studies, ext. 3313; Law Faculty Rep: Andrew Fraser, Law, ext. 4039; Informatics Faculty Rep: Frank Paoloni, Electrical and Computing, ext. 3401; Part-time and Casuals Rep: Lynn Fraser, Economics, ext. 3666; Occupational Health and Safety Committee: Andrew Fraser, Law, ext. 4039; South Coast Labour Council Delegates: Nadia Verrucci, Economics, ext. 3650; Ann Hodgkinson, Economics, ext. 3666; Mike Donaldson, Sociology, ext. 3745 (alternate); Executive Secretary: June Aspley, STS, ext. 3691.

COMPACT disc classes are held in the Library CD Room, but students should meet the tutor at the Information Desk at the scheduled time.

All enquiries should be made at the Information Desk.

No more classes will be held after Week 13 until Session 2. If these classes do not fit in with your timetable and you can find three other students wishing to use the same system, the Library will arrange special classes.

The timetable is: May 14, 11.30am: ISI; May 15, 11.30am: Dialog; 1.30 pm UMI; May 22, 11.30am: Austrom; 5.30pm: UMI.; May 23, 11.30am: Silverplatter; May 24, 11.30am: Dialog; May 27, 11.30am: Silverplatter; 1.30pm: ISI; May 29, 1.30pm: UMI; 5.30pm Dialog.

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Deadline for copy is noon on Monday of the week before that of publication

Material for Campus News should be sent by Microsoft Mail to Gillian Curtis, or left, preferably, on a Macintosh-formatted floppy disk, or on hard copy in the Campus News tray in Planning and Marketing Branch, Administration Building.
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CIEE membership opens up international exchange

THE University of Wollongong has been granted full membership of the Council on International Educational Exchange (CIEE).

The council is a private, non-profit, membership organisation, incorporated in the United States, with international offices, affiliations and representation.

Founded in 1947, it develops, facilitates and administers programs of international exchange throughout the world on behalf of its national and international constituencies.

Vice-Principal for International Affairs at the University of Wollongong, Mr Jim Langridge, said Wollongong was one of the first Australian universities to be granted full membership of the council.

"We are delighted to gain such recognition," he said. "Affiliation with the council will add a new dimension to the development of the international education programs at the University."

One of the services provided by CIEE in order to stimulate campus initiatives towards internationalising curricula is a program of International Faculty Development Seminars.

The seminars provide opportunities for short-term, intensive overseas experience for academic and administrative staff.

Participation is open to full-time teaching staff and administrators but no more than two members from the same institution may be accepted for a single seminar site.

The 1991 schedule of seminars includes programs in Northern Ireland, Poland and Hong Kong from November 24-30. Applications for these seminars close on September 16.

The seminars are:

Northern Ireland: Images of a Divided Society, University of Ulster, Coleraine;

Post-Communist Poland: Problems and Prospects, Central School of Planning and Statistics, Warsaw, Poland;

Colonialism, Capitalism, Communism: Hong Kong 1997, Chinese University of Hong Kong.

Another seminar will be held in Chile in November, but the title and name of host institution is not yet available.

CIEE also administers co-operative centres for study abroad for students and Wollongong students are now able to participate in these programs.

More information and application forms for the seminars are available from Trish Tindall, ext. 3955.

Future of health services in Illawarra

A CONFERENCE at the University on May 4 discussed a paper prepared by the Faculty of Health and Behavioural Sciences and the Illawarra Area Health Service entitled *The future of health services, education and research in the Illawarra*.

The Illawarra's unique history and geography present an opportunity to develop a new model of health services.

Free of the traditions and power structures existing in many other regions of NSW, the Illawarra can construct a model of health care relevant to the local region.

Those attending included Director General of Health, Dr Bernard Amos, Chief Executive Officer of the Illawarra Area Health Service, Mr John Rasa, Professor Peter Baume and Mr Stephen Martin MHR as well as representatives from all health services in the Illawarra.

The Dean of the Faculty of Health and Behavioural Sciences, Professor Christine Ewan, chaired the conference.

The conference supported the goals outlined in the paper which were:

- The Illawarra will provide at least 90 per cent of the health care needs of its residents, and will require access to Sydney health care facilities only for super speciality services that cannot be provided effectively locally.

- The Illawarra will become a model for integrated and comprehensive health care with an appropriate balance between effective prevention, public health and primary care.

- The Illawarra will provide professional education programmes sufficient for it to achieve its service and research requirements.

- The Illawarra will undertake research of national significance.

An implementation plan and timetable for the development of a comprehensive teaching health service in the Illawarra will be developed during 1991 by a joint planning committee established by NSW Minister for Health, Mr Peter Collins.

The committee is chaired by Professor Baume and includes Dr Amos, Mr Martin, representatives of the Federal Department of Community Services and Health, Wollongong University, Area Health Service and local practitioners.

Regulations on thesis submission

POSTGRADUATE students contemplating submitting theses, and their supervisors, are reminded that the University has laid down requirements in relation to the way in which theses are to be submitted.

These are set out on pages 68 and 69 of the 1991 *Postgraduate Calendar* under the heading: "C3. Procedures Governing the Preparation and Submission of Theses and Minor Theses".

Four copies of the thesis need to be submitted and two of them must be properly bound.

A booklet, giving full details of the procedures and the names of thesis binders, is available from the Graduate Office.

The University and Law Week

TO ensure a neutral forum for the selection process for the award of Illawarra Lawyer of the Year, which was part of the Law Week activities from April 29 to May 5, the Law Week Committee requested that the Faculty of Law at the University of Wollongong be responsible for the conduct and organisation of the award.

A committee made up of senior media executives in Wollongong and chaired by the Chancellor of the University, the Hon Mr RM Hope, selected

a solicitor who is well respected in the community for his long and distinguished record of service to his country and to the community.

The committee felt that Mr Laurence McCarthy fitted admirably the criteria for the award which stressed a total contribution by a lawyer and not merely an assessment of an individual's professional acumen.

In response to newspaper and radio advertising inviting nominations, 15 names were put forward to the committee.

Mr McCarthy received numerous nominations which all expressed admiration and affection for a man who gave assistance willingly and courteously at all hours and with a high level of professionalism and compassion - without expectation of reward or recognition.

The Faculty of Law also organised a Law as a Career Seminar which was well attended by HSC and mature age students contemplating undertaking studies in law.

25-day trek across Simpson Desert

FOR 25 days in September, six men will trek across the Simpson Desert in Central Australia.

A female member is sought to more balance the expedition. The start point is Poeppel Corner at the junction of South Australia, Queensland and North Territory.

The expedition will trek 450km to Alice Springs. Camels will carry supply and a desert Aboriginal is being actively sought as a guide.

Scientific observations of environmental, biological and human variables will be collected. Members do not need to bring any gear.

Exclusive of ex Alice costs, the contribution for each member is \$1000-1500.

Any female wishing to explore involvement in the Simpson desert expedition may contact the Expedition Leader, Captain Wes Aird, Parachute Training School, HMAS Albatross, Nowra, tel. (044) 21 1211.

Alternatively contact the Medical Officer, Dr Henry Pang, Naval Hospital, Nowra, tel. (044) 21 1211. Dr Pang is an Hons Masters student by research on Aboriginal Health.

He is on campus every second Monday for a seminar 3.30-5.30pm in Room 19.1001 from May 6.

Sex differences in maths ability

A RECENT visitor to the Faculty of Education was Dr B.S. Randhawa, a professor from the University of Saskatchewan, who was a sabbaticant at this University seven years ago.

Currently, he is a visiting professor at Curtin University.

Dr Randhawa is one of the Canadian professors who has worked with Dr de Lacey on the Bourke Preschool project, and on studies of cognition and personality across cultures over several years.

On his present study leave, Dr Randhawa has also spent time at the University of Umea, in northern Sweden, where he has been extending one of his current research interests, sex differences in mathematics ability.

He now has Swedish data to add to his Australian and North American data.

Significant mean differences in favour of boys have been consistently found in the mathematical areas of problem solving, concepts and competition at Year 10, and recent data from Year 12 students also shows the same marked differences.

Some efforts in recent years to reduce the difference by manipulating environmental and learning variables seem to be having little overall effect.

Dr Randhawa would not be drawn, in his recent presentation to students and staff of the Faculty of Education, on the question of the precise causes of, or antecedents to, these interesting differences.

But he considers that the current research may find biogenic and environmental or learning variables, as well as a likely interaction between them, to be at the root of the issue.

Drs Randhawa and de Lacey are also continuing their collaboration on the nature of the care of young children whose parents, for various reasons, do not care for them during the day.

They are also exploring the prospects for fruitful educational input into early-childhood care, using Australian and Canadian data that they are generating to add to their Australian data accumulated over the last 22 years.

SCARP 18

will be launched at the University Bistro on May 21 at 7.30pm

ADMISSION FREE

Inquiries and bookings: Leonie Molloy, tel. (042) 21 3580

Feminist and social concerns spark needle-point career

NARELLE Jubelin, a needle-point artist from Sydney, is on a 12-week residency in the School of Creative Arts.

The residency, organised by lecturer in Art Theory in the Department of Creative Arts, Sue Rowley, has been in part sponsored by the Australia Council, in conjunction with the school.

Narelle trained as a painter and visual arts teacher, and during her time teaching found she needed a more portable medium for her art, something she could work on while commuting.

She began with small scale petit-point – small stitch embroidery – designs – tiny images in thread that were the manifestation of her ideas for painting on a much reduced scale.

Consequently, her needlework is

painterly in style, as she concentrates more on image, rather than traditional technique.

A highly successful artist, both in Australia and overseas, Narelle's work has attracted some controversy.

Her feminist and social concerns are often described in an image that is a familiar part of Australian culture, and their small size forces a close inspection and makes her work intimate to the viewer.

Narelle feels her art is facing a critical time in which she will be making decisions about the directions her work will take.

Included in this is her coming to terms with working as an artist in the international art world, and she hopes that her

experiences in coping with the unique problems faced by artists in establishing themselves will be a helpful example for students when facing similar problems.

Organising exhibitions, and maintaining creativity when working to a deadline are issues Narelle sees as important for visual artists to be aware of.

One of the founders of First Draft, an artist's space in Sydney, Narelle has exhibited both in Australia and overseas, and is working towards a project for the Spelletto Festival in Charlestown, South Carolina, for late 1991.

As a major artist in this festival, Narelle has selected a historic building in Charlestown in which she will hold a one-person exhibition, the ideas for which will be based on the building itself.

During her residency, she will be working towards this exhibition, and feels that the difficulties of staging an exhibition overseas will also be of interest to students.

Narelle gave an introductory lecture on her work at the recent post-graduate seminar and to Creative Arts students on March 21.

She plans to hold further informal discussions with students, which will centre more on her approaches to art, using her work as illustration.

Another aim of her stay will be to research ideas for a collaborative project with Anne Brennan, a writer and jeweller who will take up a residency in June.

The outcomes of this project will be exhibited early next year at the Wollongong City Gallery.

– PENELOPE LEE



Narelle Jubelin (left) with Sue Rowley

University Singers croon Moonlight Serenades

THE University Singers, now in their 12th year, are about to take a different musical direction.

Better known for their performance of a cappella choral music from the Renaissance to the 20th century, the choir is preparing a program of popular music from the '30s called *Moonlight Serenades*.

The program features 16 songs, among the best written in an era, rich with memorable tunes.

These are names that transformed the world of popular music, raising Tin Pan Alley to an art form. Often with witty lyrics and clever rhymes, these songs linger in the memory.

The University Singers have commissioned arrangements of these songs from some of Australia's best choral arrangers and directors, who have responded with settings equal to the brilliance of the original material.

Included in the repertoire are such songs as *Someone To Watch Over Me*, *I Only Have Eyes For You*, *Let's Do It*, *Sophisticated Lady*, *Smoke Gets In Your Eyes*, *Cheek to Cheek* and, of course, *Moonlight Serenade*.

Moonlight Serenades opens at the Bridge St. Theatre on Friday, May 31 and plays until Saturday, June 8. Bookings at the Bridge, tel. (042) 29 6144.

Asia-Pacific Development Studies Research Program

Lunch-time Seminar Program Autumn Session 1991

May 14: Harry Beran (APDS and Philosophy), *Moral justification of racial bias in the 1990 constitution of Fiji*.

May 28: Tony Naughton (APDS and Management), *East Asian capital markets: preliminary results*.

Seminars are held from 12.30-1.30pm in Room 40.222.

Centre for Advanced Manufacturing and Industrial Automation

May 15 and 16: Professor Günter Arndt, *An introduction to total productive maintenance*.

May 29: Dr Peter Gibson, Senior Lecturer in Manufacturing, Wollongong University, *Accreditation*.

Seminars are held at Wollongong Surf Leisure Resort, Fairy Meadow.

Bookings and enquiries, tel. (042) 213354 or fax (042) 213101.

Department of Accountancy

May 24: Hema Wijewardena: *Factor proportions in industry in developing countries: Evidence from Sri Lanka*.

Seminars are held in the Faculty of Commerce Building 40, Room 224, from 11am-12.30pm.

Enquiries to Associate Professor Hai Yap Teoh, tel. 21 3625.

Department of Biology

Autumn Seminar Series

May 21: Dr Nigel Taylor, Department of Human Movement, Uni. of Wollongong. *Respiratory mechanics during immersion*.

May 28: Dr Stephen Doggett, Westmead Hospital, Medical Entomology Unit. *Field and laboratory investigations of Lime Disease in Australia*.

June 4: Dr Caroline Gross, Biological Sciences, Flinders University, *Floral mimicry: a review of terminology and a case study*.

Seminars are held in 35.G19 - 12.30-1.30pm on Tuesdays.

Department of Civil and Mining Engineering

May 16: Mr Yan Li, PhD candidate, Department of Civil and Mining Engineering, *Computer modelling of the river bank erosion processes*. 12.30pm for 12.45pm, Photogrammetry Room (room 138), Building four,

Seminars

Supervisors: Dr Sivakumar and Associate Professor Chowdhury.

all postgraduate students of the department are expected to attend.

For additional information contact Dr E Y Baafi, ext. 3031.

Department of Computer Science

May 17: Associate Professor Greg Doherty, Department of Computer Science, University of Wollongong, *Arithmetic Coding for Text Compression*. Room 15.204. 1.30-2.30pm.

Department of Economics

May 15: J Bateson, Treasury, NSW Government, *Current Issues in Public Sector Economics*.

May 23: E West, Department of Economics, University of WA and University of Ontario, *Adam Smith and Modern Economics*.

June 3: C Eaton, Department of Economics, University of Tasmania and Simon Fraser University. *Flexible Manufacturing and Market Structure*.

All enquiries to the Convenor, Associate Professor Tran Van Hoa, Office 40.207, Fax (042) 21 3477, Tel. (042) 21 3659.

Department of History and Politics

May 15: Stephen Brown, *The Red Cavalry in the Russian Civil War 1918-20*.

May 22: John McQuilton, *North-eastern Victoria 1914-18: a regional study of the impact of World War I*.

June 5: Andrew Wells, *Marxism and Labour history*.

All seminars are held at 5.30pm in Room 19.2043. For further information contact Melanie Beresford, ext. 3669.

Department of Human Movement Science

Staff and Professional Seminar Programme Session 1, 1991

May 14: Professor W. Lovegrove. Graduate Faculty; *Implications for Human Movement*.

May 21: Mr Greg Colbourne. *Development in Corporate Fitness: an HCF Perspective*.

June 4: Professor C. Ewan. *The Faculty of Health and Behavioural Sciences*.

*Human Movement Science staff seminars.

All Seminars in Geology 35.G45 at 12.30pm, Tuesdays. Enquiries to Dr M. Brown ext 3495.

Department of Management

Research program in management strategy and organisational change

May 16: Michael Zanko, *Managing and reporting organisational absence*.

May 23: Helen Hasan, *Studying the users of computer-aided learning systems*.

All seminars are held in the Faculty of Commerce Building 40, Room 338 from 12.30-2pm. Enquiries Dr Trevor Williams, ext. 3754.

Department of Materials Engineering

May 21: Dr R Priestner, University of Manchester, *Hot rolling of steels*.

June 4: M Sampson, Bisalloy Steels, *Wear-resistant steels and their applications*.

All seminars to be held from 4.30-5.30pm in Room 1.134. Enquiries to Associate Professor D Dunne, (042) 21 3014.

Department of Modern Languages

May 30: French Scientific Attaché, M. Laurent d'Ozouville, *French science, technology and engineering*.

June 6: French Press Attaché to Australia, M. Kostia Sakow, *The French media*. Note change of date.

The seminar originally scheduled for June 6 by French Political Attaché, M. Rémy Perraud, *French foreign policy, 1958-1991*, has been postponed until further notice.

Lectures will be given at 10am, Room 19.2114.

For further details, contact Dr Susan Yates, ext. 3636.

Department of Philosophy

Colloquia

May 17: Catriona Mackenzie, Macquarie University, *Reason and Sensibility: the ideal of women's self-governance in the writings of Mary Wollstonecraft*.

Colloquia are held in room 1034, Level 1, Building 19 at 2pm.

Department of Public Health and Nutrition

May 28: Paul O'Halloran, Senior Lecturer, Department of Public Health and

Continued back page

Australian Research Council Small Grants 1992

Applications for small grants are being called for. The limits for humanities, mathematics, theoretical physics and social sciences is \$5000 to \$15,000 and \$5000 to \$25,000 for engineering and natural sciences. Applications forms are the same as those for the large grants. The University closing date is June 17.

Energy Research and Development Corporation

Research Grants 1991 (non-coal)
ERDC is calling for first stage applications for funding in three programs; 1) Energy Utilisation and Conservation 2) Fuel Sources and Delivery (emphasis on petroleum) 3) New and Renewable Energy Sources (emphasis on electricity and thermal). Shortlisted applicants will be invited to send in complete applications. ERDC will not fund the en-

Advertisements

Due to the increased demand for this section, in future it will be available only to staff and present students. Anyone wishing to advertise must complete a form in Planning and Marketing, Administration Building. This advertisement will be run once. For a repeat it will be necessary to complete another form

FOR SALE

The Big Secret

Be One of the University Smart Ones

This is your chance to purchase a piece of University of Wollongong history. The Pro-Vice Chancellor has. So did the entire staff of Academic Services. Some of us even bought two 'cause we're twice as smart.

So what's The Big Secret?

Big Secret is the band of the future, hear them, love them. For \$5 you can have the first album of lead singer Dianne Reh (of the Graduate Office in Academic Services). On becoming the next huge success like INXS, you can say you had the first album and you knew her (however vaguely) at the University of Wollongong.

For your copy please call ext. 3799 or drop in at Academic Services (2nd Floor, Administration Building) and bring your \$5. Posters will be available later.

TO LET

House available from July 1991 to mid-January 1992. 3br plus study. Fully furnished. Walking distance to bus, rail and beach in Corrimal. Creek at bottom of leafy backyard - can row to beach. Use of car can be negotiated. Phone Ellie, ext. 3744 or (042) 84 0746.

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.

tire costs of the research and are looking for contributions from potential end users. The emphasis is very much on joint ventures and dollar-for-dollar contribution. The University closing date is May 24.

Commonwealth Scholarship and Fellowship Plan

New Zealand

Applications for scholarships to attend university as a postgraduate student in New Zealand are being called for. Applicants must be Australian residents and have achieved, at a minimum, second class honours. The University closing date is May 31.

Previously Advertised Closing Date

The British Council Travel Grants	Any Time
Australian Arts Council	Any Time
Clive and Vera Ramaciotti Travel Grants	Unknown
Crisp Medal (Political Studies Association)	May 15
Home Economics Scholarship	May 17
NHMRC Equipment Grants	May 17
American Heart Association	May 17
Australian Mining Industry Council Student Award	May 17

National Heart Foundation Research Grants	May 17
Multiple Sclerosis Society Grants and Fellowships	May 17
Mining Industry Council Student Medal	May 17
NSW Literary Awards 1991 (Poetry and Novel)	May 24
Ministry for the Arts - Cultural Grants Program	May 31
WHO Fellowships	May 31
Aust. Tobacco Research Grants and Scholarships	June 14
Australian Academy of Humanities (Travelling fellowships)	June 14
Australian Academy of Humanities (Publication Subsidies)	Any Time
NSW Cancer Council Research Grants	June 14
Asian Studies Council Languages Research Scholarships	June 14
Apex/Autism Research Grants	June 14
Oceanographic Research Vessel 1993	June 14
Academy of Science Fellowships	June 21
NSW Literary Awards 1991 (Play and Scripts)	June 21
National Campaign Against Drug Abuse Scholarships	June 28
Cooperative Research Centres Academy of Science	July 3
Conference Funds	July 19
Asian Fellowship Scheme	July 19
Sir George Murray Prize	August 9
Multiple Sclerosis Society P/Grad Scholarship	August 16
Nuffield Foundation Fellowships 1992	August 30
AFUW Queensland Inc Scholarships	September 20
Bilateral Science and Technology Collaboration Program	September 20
Drug and Alcohol Research Centre (Syd Lovibond Prize)	September 20

University of Wollongong



SALE BY TENDER

Mikasa Vibrating Plate. Suitable for general paving and compaction work
The University offers no guarantee on this item. For further information contact Mr Martin Bramston, Landscape Supervisor on (042) 21 3594.

Tenders close 11.30am on May 17.

Tenders should be placed in a sealed envelope addressed to:

The Vice-Principal (Administration), University of Wollongong
PO Box 1144, Wollongong NSW 2500

and marked "Tender No 91/20"

■ **The Art of Lunch** - Thursdays from 12.35-1.25pm, in the Music Auditorium of School of Creative Arts.

■ **The Illawarra Committee for Overseas Students (ICOS)** has announced its calendar of events for this year. The events are: May 18: Old Sydney Town \$8 and \$5. May 25-26: Dubbo Western Plains Zoo two-day trip, adults and children older than six \$35. July 27: Snowy Mountains (one day) \$15 and \$10. Tickets and details are available from the ICOS office in the Union Building next to the Careers and Appointments Service, Monday to Friday 9am-2pm. Tel (042) 21 3158 or ext. 3158.

■ **Conqueror Cole**, the last work of late Wollongong writer Bill Neskovski, is playing at the Bridge Theatre until May 19. The play is produced by Sydney's famous Belvoir Street Theatre. The story is about a steel worker called Cole Angelovski who has problems. Bookings and inquiries to Theatre South on (042) 29 6144 or 29 6758.

■ The next meeting of the **Women's Issues Group** will be held at 7.30pm on May 28 in the Boardroom of the Union Building, University of Wollongong, Northfield Avenue. Enquiries to Moira Bowman, tel. (042) 843741.

■ Director Stephen Thomas has made surrealism as the

What's On

key to his interpretation of Shakespeare's **A Mid Summer-Night's Dream**. To be performed on June 5, 6, 7 and 8 at the University of Wollongong Performance Space, the play is presented by the School of Creative Arts. Thomas, a post-graduate student, will break free from the traditional earthy dream sequence and create a contemporary working of this well-loved Shakespearean play. Enquiries to Leonie Molloy (042) 21 3580. Bookings (042) 21 3996 or 21 3987.

■ **The Illawarra Performing Arts Centre Guild Theatre** is preparing for a season of 'Annie'. Directed by Robert Peet, Annie has Peter Shepherd as musical director and Linda Shaw Wilson as choreographer. The season opens Friday July 26 then July 27 (two shows), 28 (two shows), 30, 31, August 1, 2 and 3 (two shows).

■ **Open Day** - Sunday August 25.

■ **Graduation Ceremonies** - October 10-11.

From page six

Nutrition, Family Interventions/Relapse Prevention in Schizophrenia.

June 11: Professor Phillip Barter, Chair of Preventive Cardiology, Graduate School of Health and Medical Sciences, *Regulation of Cholesterol Transport.*

All seminars from 12.30-1.30pm in 5.G03

RSVP or further information Linda Tapsell. ext 3152

Department of Science and Technology Studies

May 15: Prof Sheila Slaughter, Centre for the Study of Higher Education, University of Arizona and Senior Fulbright Scholar, *Intellectual Property in Australia and the US*, 12.30pm, Room 19/2003. For further information, contact Ian Hampson, ext 3691

Education Policy Programme

May 24: Professor Ken Gannicott, *The World Bank and Educational Policy in Indonesia.*

July 19: Ms Jan Hall, *Educational policies and strategies for the gifted and talented child.*

August 16: Associate Professor Malcolm Harris, *Integration of management and motivation theory.*

August 30: Professor Russell Linke, *Performance Indicators in higher education.*

September 6: Associate Professor John Hedberg, *Information Technology and education organisation.*

September 27: Dr John Patterson and Mr

Gregg Rowland, *Teachers and involvement in policy.*

October 18: Professor Carla Fasano, *Knowledge, ignorance and epistemic utility: Issues in the construction of indicator-system.*

November 1: Ms Nita Temmerman, *Perception of the music community about the role of the Australia Council Performing Arts Board.*

November 14: Mr Ian Brown, *Introduction of designed education: Implication of educational policy.*

All seminars will be held in building 21, room 101 at 12.30pm.

Gender and Education Unit and Equity in Education

May 15: Ms Jan Wright, lecturer PhD student, *Interplay of discourses in PE.*

May 29: Ms Jan Hall, lecturer MEd Honours student, *The gifted and talented recognised but ignored.*

June 5: R.C King and N.J. Kyle, *Evaluation and investigation of link programs: a preliminary report.*

All seminars are held at 12.30pm in 22.107. For more information contact Associate Professor Noeline Kyle, ext. 3374.

School of Creative Arts

Research Colloquia

May 16: Michael Scott-Mitchell, *Scenery in the Theatre of Ideas*. This investigates the nature of the theatrical illusion made possible by the isolation of line, shape and the fluidity of space behind the proscenium arch.

July 25: Banduk Marika, *Identity and Country*. Banduk Marika gives a view of

art in 1991 from her position as an artist from Nhulunbuy, north-east Arnhem Land, in the Northern Territory.

August 22: Anne Brennan, *Identity and Artefact*. Anne Brennan, a jewellery maker, also writes extensively on craft, personal experience and material culture. October 31: *Studies in Contemporary Arts Practice and Performance in Australia*. Presented by members of the University research program: Diana Conroy, Ian McGrath, Sue Rowley, John Senczuk, Andrew Schultz, Peter Shepherd and David Vance.

All colloquia are held in Building 24, G01 - Music Auditorium from 4.30-6.30pm. Enquiries to (042) 21 3302.

Postgraduate Seminars for 1991 will be held on May 16, July 25, August 22, October 31. All seminars are in the Music Auditorium from 4.30-6.30pm.

Stop Press

Sydney Wind Quintet is coming

Sunday June 9, 2.30pm-5pm at Theatre South's Bridge St Theatre

The next Richmond Grove Wollongong recital will feature The Sydney Wind Quintet in a concert which will include music by Haydn, Danzi, Arnold, and Nielsen.

Fine wine, gourmet food and excellent music for \$30. Bookings Margaret Sharrad 28 1843 or Bridge St Theatre 29 6144