Number 17, 1993

UNIVERSITY OF WOLLONGONG

Wednesday, 9 June

CAMPUS NEWS

Public lecture on breaking the German Enigma Code

A public lecture about the breaking of the German Enigma Code during World War II will be held at the University of Wollongong on Tuesday 6 July.

Visiting academic Professor Robert Churchhouse CBE from the University of Cardiff will present the talk.

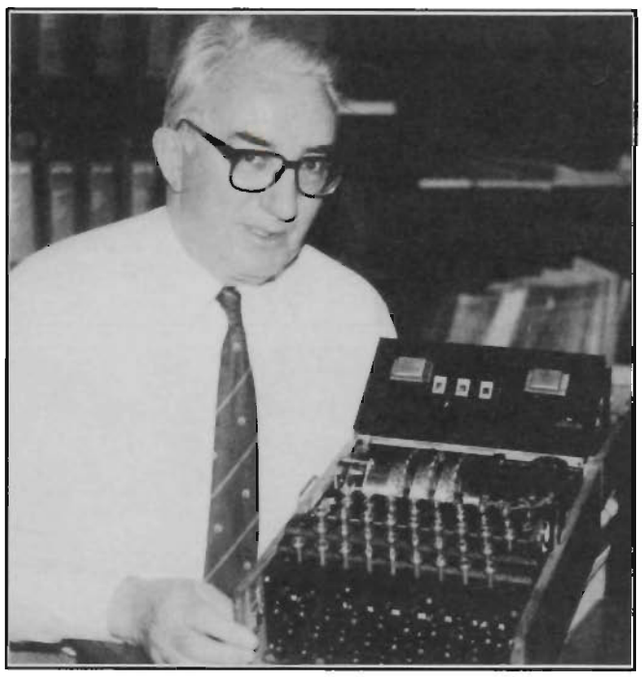
The lecture will be held in conjunction with the annual conference of the Australian Mathematical Society

The Enigma is the best-known of all the wartime cipher machines. More than 30,000 were in use by the German Armed Forces by 1945.

The number of possible different Enigmas is so enormous (about 10^{80} in its original version) that even with today's most powerful computers solving the machine by brute force from scratch would seem to be impossible, yet because of a weak operating procedure the original Enigma was solved by hand by three young Polish mathematicians in a few months in 1932.

This original break was brilliantly extended and exploited by the British throughout the war.

In this lecture the history of the Enigma and the Polish method of solution will be briefly described and details of the consequences of the solution upon some of the major battles such as Cape Matapan, El Alamein, the U-Boats and Normandy will be given. Professor Churchhouse was born and educated in Manchester, taking a First Class Honours in Mathematics at Manchester University.



Professor Churchhouse with the German Enigma Cipher machine. The top of the machine is open and the three cipher wheels can be seen inside. In front of the wheels is the keyboard and in front of that the plugboard which allowed the German operators to interchange pairs of letters, the plugging being varied on a daily basis. The three cipher wheels are removable and could be chosen from a set of up to eight, again on a daily basis

At Manchester he was taught by, among others, Alan Turing who had played a key role in the solution of the German Enigma cipher machine at Bletchley during the war.

From Manchester he went on to Trinity Hall, Cambridge and a PhD in Mathematics. From 1952-63 he was in the Royal Naval Scientific Service and spent two years at the British Embassy in Washington DC.

From 1963-71 he was Head of the Programming Group at the Atlas Computing Laboratory of the Science Research Council and since 1971 has been Professor of Computing Mathematics at University of Wales, College of Cardiff.

He was a member of the Flowers Committee on Computers for Research in 1965 and a member of the Computer Board for Universities and Research Councils from 1975 to 1982, being Chairman of the Board from 1979-82.

He was President of the Institute of Mathematics and its applications from 1986 to 1988 and is a Fellow of both the British Computer Society and the Royal Astronomical Society.

In June 1982 he was appointed CBE and in February 1988 was awarded a Papal Knighthood of the Order of St Gregory.

His main research interests are in cryptography, computer security and the application of computers to mathematical research.

Billets needed for poetry festival

Billets are needed for up to 100 poets who will be attending the Poetry Festival from 12-14 June at the Wollongong City Gallery.

This festival will be a major event in Wollongong, bringing together perhaps 400 or more poets from all over Australia.

Many of them will be quite happy to curl up on the loungeroom floor, but if you have a bed to spare, so much the better.

If you can support this event, contact Ron Pretty at the School of Creative Arts, or phone (042) 21 3867.

Campus community security update

In the last few weeks unattended motor vehicles have been the targets of theft on the Main Campus and at Weerona.

These incidents have occurred day and night.

Security and Police advise that people should not leave valuables in vehicles and items should not be left lying where they can be viewed from the outside of the vehicle.

Security or the Police will receive information about these thefts.

Several items of University property valued at $3100 have been stolen from the Main Campus recently.

These items include a television, VHS recorder/player, Apple Mac hard disk, keyboard and other items including software. Don't hesitate to call Security and report all thefts.

The 'man' question

Professor of Social Science, Director of Women's Studies Program, York University, Toronto, Canada, Professor Meg Luxton, is visiting the campus and will give a special seminar.

The title of the seminar is 'Dreams and dilemmas: feminism and the man question.

Professor Luxton has written extensively on women's work.

She is co-author of Through the Kitchen Window: The Politics of Home and Family.

She has undertaken research into family and social networks in communities in Canada and Africa, division of labour in the home and motherhood.

The seminar is on Thursday, 10 June at 3pm in Building 19, Room 2085.

Enquiries to Ellie Vasta, phone 21 3744.

General staff vacancies

General staff vacancies are available on Campus Net News (CNN), under the item titled 'Staff Vacancy'.

When you initially open CNN, the 'Staff Vacancy' item may not be displayed.

However, if you open 'show UOW master list' under the 'Windows' menu, the item will be displayed.

If you are interested in regularly reading the vacancies please subscribe to this item. This is done by highlighting the folder and opening up 'subscribe' under the 'News' menu.

This will ensure the vacancies item is displayed every time you open up CNN. However, don't forget to save the changes when you quit CNN.

The Current Vacancies folder on the Administration File Server will no longer hold the General Staff Internal Vacancies, as access privileges have been reduced.

The General Staff Internal Vacancies will still be circulated to all Departments and a copy is always available in Personnel Services reception.

Equality of Employment Opportunity is University policy.

Sculpture missing

Have you seen this charming sculpture anywhere? If so please ring (042) 213926 – anonymously if you like – because it has been 'removed' from the concrete column supporting it on the lawn near the Gymnasium. Called 'Trixie' it is the creation of Creative Arts student Penny Harris and the winner of the 1990 Howard Womer Sculpture prize. Made of bronze, it would have taken at least two people to break it off and carry it away.

Lauchlan Chipman moves on

After 17 years as a key figure in the development of the University of Wollongong, Professor Lauchlan Chipman has decided to apply his talents and the particular brand of 'Wollongong training' to the challenges at Monash University.

Professor Chipman has been appointed Pro Vice-Chancellor heading the Gippsland Campus operations of Monash University and will also be involved in the University's distance education in Australia and overseas.

After obtaining a distinguished academic record at Melbourne and Oxford Universities, and appointments in the Philosophy Department at Melbourne University and the Faculty of Law at the University of Sydney, Professor Chipman was appointed Foundation Professor of Philosophy at the University of Wollongong in 1975.

He was appointed Pro Vice-Chancellor in 1989 in which position he has had responsibility for the Conservatorium of Music, Human Experimentation Ethics Committee, Friends of the University, TAFE Articulation Joint Management Committee, Undergraduate Studies Committee, Library Committee, Summer Session, Internal Consultative Committee on Law, Aboriginal Education Management Committee, Equity and Access Consultative Group, Investigations Committee and the Computer Policy Committee.

Professor Lauchlan Chipman taking 'Wollongong' to Monash University.

He has chaired several University reviews of departments and units and served as a member of numerous committees.

Professor Chipman has also made contributions to organisations in the community including the Board of Governors, Winifred West Schools, the Centre for Independent Studies in Sydney, Crime Prevention Council of Australia, Illawarra Academy of Sport, Australian Cooperative Education Society, Illawarra Health Board and the National Community Advisory committee for SBS.

Professor Chipman and his wife, Robyn Slater, will move to Victoria during second semester this year.

Special concert

A special concert will be given by double bass player Stephen Reeves and pianist Roland Peelman on Sunday 13 June in the Music Auditorium at 4pm.

Mr Reeves is the principal bass in the Melbourne Symphony Orchestra and Mr Peelman is the artistic director of the Hunter Orchestra and the Song Company.

The concert will include the Sonata in A, 'Arpeggione' by Schubert and works by Bottesini, Granados, Schultz and Hindemith.

This will be the last concert given by Mr Reeves and Mr Peelman before recording the program for a new compact disc on the Tall Poppies label.

Admission: $5 adults; $2 concession; students free. Tickets available at the door.

Chubb addresses AITEA conference on quality issues

The University of Wollongong hosted the 1993 annual conference of the NSW branch of the Australasian Institute of Tertiary Education Administrators (AITEA) at the Novotel Northbeach on 28-29 May.

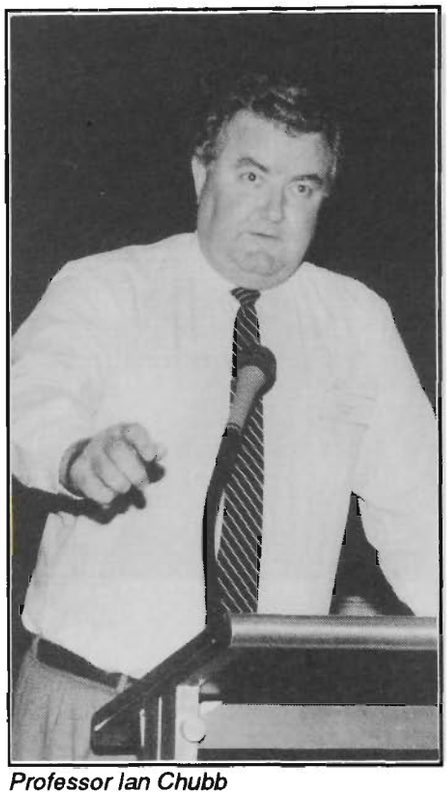
The conference brought together more than 80 administrators working in universities in NSW.

The main speaker was Professor Ian Chubb, Chair of the Higher Education Council of the National Board of Employment, Education and Training.

Professor Chubb, the Deputy Vice-Chancellor at Monash University, was formerly Deputy Vice-Chancellor at the University of Wollongong.

He addressed the conference on the implementation of the recommendations of his report 'Higher education: achieving quality', which was released late last year.

Since being re-elected earlier this year, the Government is proceeding to implement the recommendations and is establishing a committee to oversee the expenditure in the next three years of $76 million earmarked for distribution on the basis of quality measures within Australia's 35 universities.



Professor Ian Chubb

Other speakers at the conference included:

• NSW Director of Equal Opportunity in Public Employment, Carol Davies, on achievements in nearly a decade of equal employment opportunity in NSW universities;

• Executive Director of the Australian Higher Education Industrial Association, Dr Keith Sloane, on enterprise bargaining; and

• Senior Lecturer at the University of Wollongong, Dr Brian Martin, on staff/student relationships.

Future AITEA activities include three professional development programs:

• Orientation program, 19-22 September, Macquarie University – designed for newly-employed people in tertiary institutions (ie less than two years experience) up to middle management level;

• Middle management program, also 19-22 September, Macquarie University – developed for people occupying senior or middle-level management positions;

• Current legal/commercial issues in tertiary institutions, 18 June, University Centre – designed to provide information about a number of legal and financial issues which are facing tertiary institutions (for finance, personnel, research and legal officers in institutions).

Contact Peter Wood for further information, ext. 3943.

Stephen Castles' papers on migration, racism

The Centre for Multicultural Studies has announced two new occasional papers by Stephen Castles.

Together these papers provide comparative information and an analytical framework invaluable for understanding the growing significance of migration and ethnic relations in international politics.

The papers are:

• **Migrant incorporation in highly developed countries: an international comparison**

This paper discusses different approaches to incorporating migrants into society, and then examines the experience of some of the main receiving countries since 1945.

The traditional countries of immigration have accepted migrants as permanent settlers and made most into citizens.

However, there are major differences between the multicultural policies of Australia and Canada, and the laissez-faire model of the USA.

European labour-importing countries originally saw migrants as temporary sojourners. But settlement and community formation has taken place, and states have reacted in very different ways.

The paper presents a comparative analysis of the policies and their consequences, discussing topics such as labour market position, the situation of migrant women, residential segregation, social policy, racism and citizenship

• **Racism: A Global Analysis**

This paper provides an overview of the incidence and forms of racism, showing that the problem exists throughout the world and is getting worse in many countries.

In some cases, governments tolerate or even participate in racist practices. The author discusses social-scientific explanations of racism.

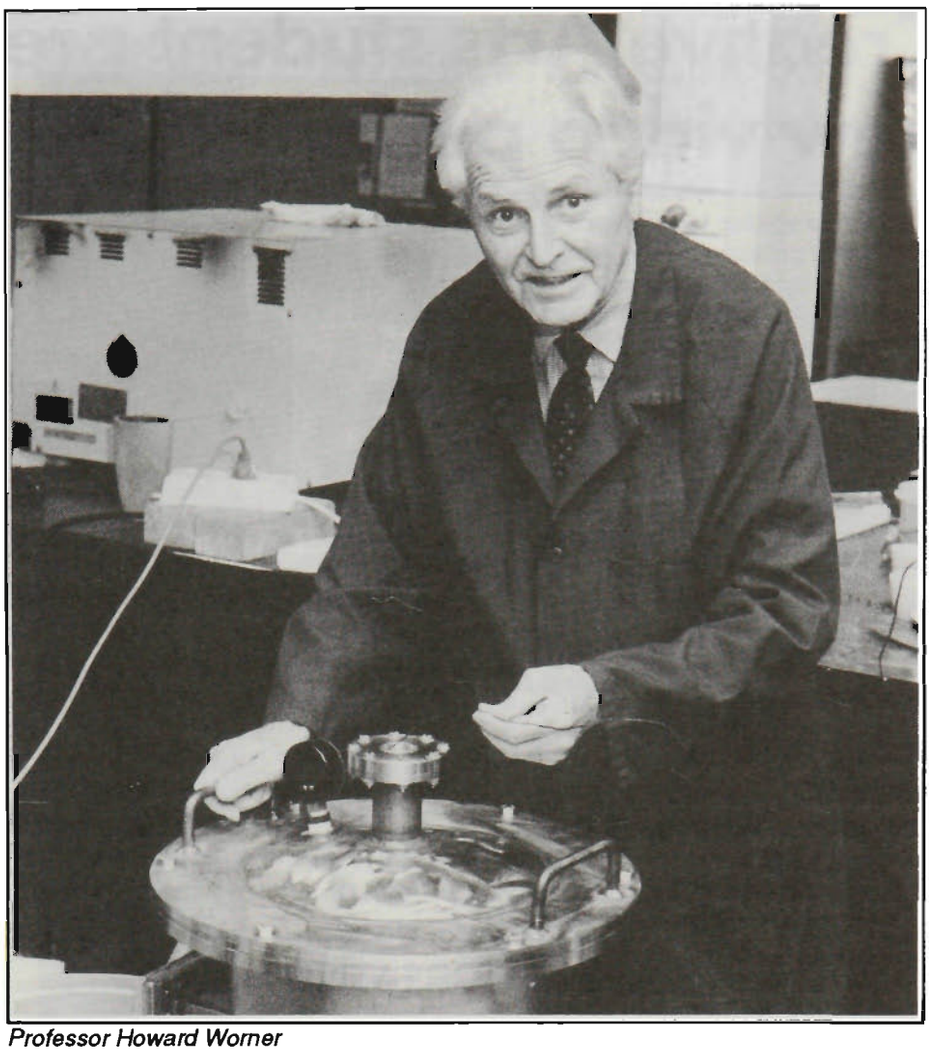
He argues that racism is linked to current processes of global change in political institutions, employment, social structures, culture and national identity.

Globalisation has led to insecurity and disorientation of many groups. These often find expression in racist discrimination and violence.

The paper concludes with a discussion of basic principles for anti-racism strategies.

To order these papers contact the Centre for Multicultural Studies, phone (042) 21 3780.

Registrations open for Howard Worner symposium



Professor Howard Worner

Director of the Microwave Applications Research Centre, Professor Howard Worner, will be 80 years of age on 2 August.

To honour this occasion, the University and ITC are collaborating to organise a one-day symposium on Saturday 31 July in the Hope Theatre.

Principal speakers will be President of the Australian Academy of Technological Sciences and Engineering, Emeritus Professor Sir Rupert Myers KBE, and President of the Australian Academy of Science, Emeritus Professor David Craig AO FRS.

Professor Keith Brimacombe OC FRSC, from the University of British Columbia will represent many of Professor Worner's overseas friends and colleagues.

Among the other distinguished speakers will be Professor Hugh Bradlow, from the University of Wollongong and NorTel Technology Centre who will examine 'Travelling the world from your desktop: How computers and communications are shrinking the globe'.

The collective subjects of the nine speakers range far and wide, and reflect the breadth of Professor Worner's interests.

The Managing Director of ITC, Mr Jim Langridge, will chair one of the sessions, as will the Vice-Chancellor, the Deputy Vice-Chancellor and Professor Worner's brother, Professor Will Worner, from the Australian Defence Force Academy in Canberra.

A celebration dinner, to be held that evening, will be presided over by the Chancellor, and addressed by Group Executive of CRA, Mr John Innes FTS.

Attendance at the symposium and the dinner is open to all who wish to acknowledge Professor Worner's significant contributions in many fields of endeavour.

Inquiries to Jackie Zelinsky, phone (042) 26 8884.

Wollongong to hold Islamic banking conference

An international conference on Islamic banking is being organised by University of Wollongong International Business Research Group (IBRG) on 9-10 November.

The conference will deal with theoretical and applied research relevant to Islamic banking in the following areas:

- Evolution of Islamic banking
- Principles of Islamic banking
- Experience and practice of current Islamic banking
- Comparative analysis of Islamic and non-Islamic banking
- Islamic banking in non-Islamic countries
- Islamic banking in an international environment
- Other issues related to Islamic banking.

The venue is The University Centre, 210 Clarence Street, Sydney.

The deadline for receiving abstracts is 16 July. Abstracts are not to exceed 500 words and should be sent to: Dr Mokhtar Metwally, Department of Economics, University of Wollongong, Northfields Avenue, Wollongong NSW 2522. Fax: 61 42 213725

The University's International Business Research Group (IBRG) was established in 1993 to consolidate and enhance research activities in the general field of international business, with emphasis on its implications for Australia.

The research of the IBRG is interdisciplinary and covers theoretical and applied aspects in accounting, business systems, economics and management.

Members of the IBRG actively participate in seminars, conferences and workshops, either locally or overseas, to report their significant findings and to enhance the academic profile of the University.

The implementation of the IBRG's activities contributes towards the University's objectives of pursuing international distinction in research and providing an internationally-orientated intellectual environment.

Creative Arts student presents a new video performance piece

Video Artist, Min-Ho You works with actor, Sarah Jane Moore on preliminary work for the "Inter-Video" work to be performed in July.

SCHOOL OF CREATIVE ARTS

INTER-VIDEO

(VIDEO PERFORMANCE)

A Production for the DCA Degree by

MIN-HO YOU

Inter-Video is an experimental genre dealing with the relationship of video art and performance art. It aims to show how far we can create inter-action between the performance and the audience through the video medium. Sharing the traditional power of control, the performer, Sarah Jane Moore, aims to work out unexpected and spontaneous relationship with the audience.
(Text collaboration - Peter Dallow)

Dates: 14 July 8pm
15 July 8pm

Venue: The Performance Space,
University of Wollongong

Admission: Free

This Project is sponsored by SAMSUNG Australia
Assistance from Educational Media Unit University of Wollongong

Min-Ho You came from Korea two years ago to study for his Master of Creative Arts degree. His area of work is video art.

Having completed the MCA he has begun working for his Doctor of Creative Arts degree.

He has developed a new performance piece for actor Sarah Jane Moore, a graduate of the School of Creative Arts.

Although the text is open to development during performance, the framework text has been a collaboration with Sydney-based writer Peter Dallow, who is also enrolled in the DCA degree.

The project has attracted major sponsorship from Samsung Australia, who are providing specialist equipment for the performance, including 25 television monitors.

The University's Media Unit is assisting with equipment and some technical aspects of the performance and Theatre students from the School of Creative Arts will design the sound and lighting with the director.

This experimental work, called 'Inter-Video' by Min-Ho, examines the relationships set up between performer and audience and in particular it looks at the mediating role played by the medium of camera and small screen.

The installation should provide interesting uncertainties as it dissolves some of the traditional distancing we are allowed as passive viewers of the medium.

The complex installation of cameras and monitors will allow a close inter-action between performer and audience. Who is the watcher? Who is watched? These are questions which will be posed as the performance develops.

The performances will be in the University Performance Space on 14 and 15 July at 8pm. There is no admission charge.

Poetry Festival to be held this weekend

The Third Regional Poetry Festival will be held at the Wollongong City Gallery, corner of Kembla and Burelli Streets, from 12-14 June.

The festival has attracted the interest of many hundreds of people and will host many of the leading poets of the nation.

Writers coming to read include Dorothy Porter, Jill Jones, Geoff Page, Antigone Kefala and others; workshop by noted writers – Joanne Burns, Heather Cam, Anne Edgeworth, Hazel Smith and Richard Tipping.

The first series of Scarp/Five Islands Press New Poets Series Books will be launched during the course of the weekend.

These six writers were chosen from nearly a hundred entries from poets in all parts of Australia.

The scarp Visual Poetry Competition attracted nationwide attention.

The best thirty entries from that competition will be exhibited during the weekend, and the winner of the competition will be announced.

Groups of regional poets will come to read their work; as well, there will be many open sections scheduled for any poets who want to read.

There will be theatre, music and dance performances by artists such as Merlinda Bobis, Sandy O'Sullivan and Steve Robinson.

There will be a bookshop, a dinner and a panel discussion on Sunday night. There will be wordsports and many other interesting features.

INTERNATIONAL HOUSE

VACANCIES FOR HOUSE TUTORS

International House is a residential college of the University of Wollongong accommodating 219 students. The House is located at the corner of Porter Street and Hindmarsh Avenue, North Wollongong (near North Wollongong railway station).

For second term 1993 (from June/July to Saturday 4 December, 1993) the House will have vacancies for:

3 HOUSE TUTORS

House tutors are required to live on the premises. They interact with residents in structured and casual ways which assist in the development of individual residents and the smooth running of the House as an academic and social community. Duties include being responsible in the first instance for the administration of the House after hours and on weekends on a roster basis, taking responsibility for specific academic and social programs with residents (approximately 4 hours per week), offering academic assistance whenever possible and mixing freely with residents.

Tutors are provided with a single study bedroom (some with ensuites) and meals whenever normal dining service is in operation. In return for their services, tutors receive a contribution from the House equal to $102-112 per week (Tutors pay $28-$38 per week; ordinary students accommodation is $140 per week). Tutors are expected to pay standard student fees, eg: application, enrolment and Residents' Association fees.

Applicants must be students of the University of Wollongong enrolled for the academic year 1993. Postgraduate students are preferred, though in unusual circumstances the House reserves the right to appoint senior undergraduates.

Interested applicants should contact Gary Graham on 299711 in the first instance, to obtain an application form and duty statement.

Applications should reach:

Mrs Cynthia Halloran
Head, International House
The University of Wollongong
WOLLONGONG NSW 2522

by Friday 11 June, 1993

It is expected that interviews will be held in the week commencing 14 June, 1993.

LONG GALLERY

Enquiries 21 3996. Building 25. Opening hours Mon-Fri 9am-4pm. Sun 1.30-4pm. Visit the Gallery Shop.

Until 20 June: 'Them and Us'. **Environmental exhibition**, "Aquarelle" watercolours by Jelle van den Berg and visual poetry exhibition.

GENERAL

Until 20 June: **Twelfth Night**, directed by John Senczuk for Theatre South at the Bridge Theatre. Bookings 29 6144.

11 June: **Department of Management seminar**. Mr Les Kirchmajer (University of Wollongong): Venture creation and entrepreneurship training: an overview of the enterprise workshop program. 12.30-2pm in Building 40, Room 130. Inquiries to: Dr Muayyad Jabri, phone (042) 21 3647 or ext. 3647.

21 June: 5.30pm **'Hidden Crimes'** a video on animal experimentation will be shown at the meeting of the Collective for Violence Free Science. Produced by the Students United Protesting Research on Sentient Subjects (SUPRESS) in the USA. Inquiries: Gary Scott, phone (042) 29 4281.

5-16 July: **Interactive multimedia intensive workshop** presented by the Interactive Multimedia Group and Education Policy Program, Faculty of Education. Cost $2500. Registration and information from Margaret Cameron. Fax (042) 21 3892. Phone (042) 21 3971.

26-30 July: The Aboriginal Education Centre is marking the International Year of Indigenous People with a **seminar on Early Childhood Education and Development**. Phone (042) 21 3776.

What's On

Sunday 29 August: **University Open Day.**

9-10 November: **International Conference on Islamic Banking**, organsed by the University's International Business Research Group and sponsored by Al Baraka Investment And Development Co., Jeddah, Saudi Arabia. Venue: The University Centre, Sydney. Enquiries: Dr Nelson Perera, phone 2134028

Illawarra Committee for Overseas Students events for this year are: 31 July and 7 August, Snowy Mountains; 18 September, Blue Mountains; 26 and 27 September, Canberra; 16 October, Sydney Aquarium and harbour cruise; 4 December, Australia's Wonderland. Tickets and details are available from ICOS office, 3rd Floor, Union Retail Centre on Tuesday, Wednesday and Friday from 9.30am to 2pm or phone 21 3158.

10 Oct: **Annual University Service** at 7pm at St John's Anglican Church, Eastern St, Gwynneville

Considering further study or just some recreational reading? Visit the **University Graduates bookshop and gallery book sale** at Campus East, Fairy Meadow. The stock of used books covers: Science & Engineering, Social Sciences, Arts & Music, Education, Fiction & Non-Fiction, Young Readers' Stories & Classics. Open every fourth Saturday and Sunday of the month from 1-5pm, the bookshop is located at Cowper Street, Fairy Meadow (opposite the Science Centre). Your donations of any material are invited. These may be left any weekend afternoon at the Science Centre (Please mark "Booksale"), or The Library or Students Enquiry Desk during the week.

Animal Experimentation Ethics Committee meeting dates, with agenda deadlines in brackets, are: 9 August (30 July); 22 November (12 November).

Human Experimentation Ethics Committee meeting dates with agenda deadlines in brackets are: 13 July (29 June); 24 August (10 August); 5 October (21 September); 16 November (2 November); 21 December (7 December).

Undergraduate Studies Committee meeting dates, with agenda deadlines in brackets, are: on the following dates: 29 June (15 June); 14 September (31 August); 9 November (26 October). Submission to Trevor James, ext. 4457, by 5pm of deadline date.

The University Centre in Sydney has a display on **Communications and Social Science** from the University of Wollongong. The next display scheduled to open on 14 June is Education and Health. Ideas for displays are always welcome. If academic staff would like to suggest ideas and contribute material they should contact David Fuller, Planning and Marketing

Stop Press

***Campus News* is published weekly on Wednesdays. Send material, preferably by Microsoft Mail or on disk, to Gillian Curtis (042) 21 3110 by noon on Monday of the week before that of publication**