

CAMPUS NEWS



Jeremy Leacock, Adam Sexton (USA), Judith Leacock with children Alexandra and Benjamin, and Chin Lu Mo (Taiwan).

International students enriching the University in many ways

A report for the Federal Government by the McKinsey group has identified further potential for education to be an export industry and for educational institutions to be located in regional centres instead of capital cities.

The report focuses on education in the area of greatest opportunity for regional development and, as quoted on page one of the Sydney Morning Herald (18 July), gives the example of the University of Wollongong which 'has doubled its earnings from foreign students over the last three years to \$13 million. The University now employs 1200. Locally only BHP employs more.'

During the week of 11 July the University welcomed new international students into the Spring intake.

As an extension of International Orientation week, the International Friendships Program saw 'friends' and students from all over the world meet for the first time in a Welcome Program sponsored by the IMB.

Designed to promote cultural exchange between members of the community and individual overseas students, the International Friendships program (IFP) links participants with an international student and encourages them to meet their student two or three times during the session; perhaps to share a meal, go on a simple outing, or invite the student home.

The aim is simply to provide the student with a friendly local contact as they settle in to their new sur-

roundings and to broaden their experiences while studying abroad.

Past participants, their families and friends have found the exchange of culture exciting and enriching.

Judith Taylor and her husband John were at the welcome program to join their new students.

This year is the fourth time they have participated in the IFP. They look forward to the cultural exchange between all involved and they also have a student from Hong Kong currently living with them.

Mrs Taylor said: 'The interaction is very important and the students are like brothers and sisters for my son.'

'Wollongong has a distinct international flavour and it is great to be able

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International students enrich University

From page one

to be a friend and help students relate to Australian culture through a family.'

One of the Taylors' new host students, Anita Schimizzi, from Indiana, USA, is studying Psychology in Wollongong for one semester.

She hopes to get an insight into Australian culture and some hands-on experience during her exchange. The Taylors' other student is Peter Anderson from Sweden.

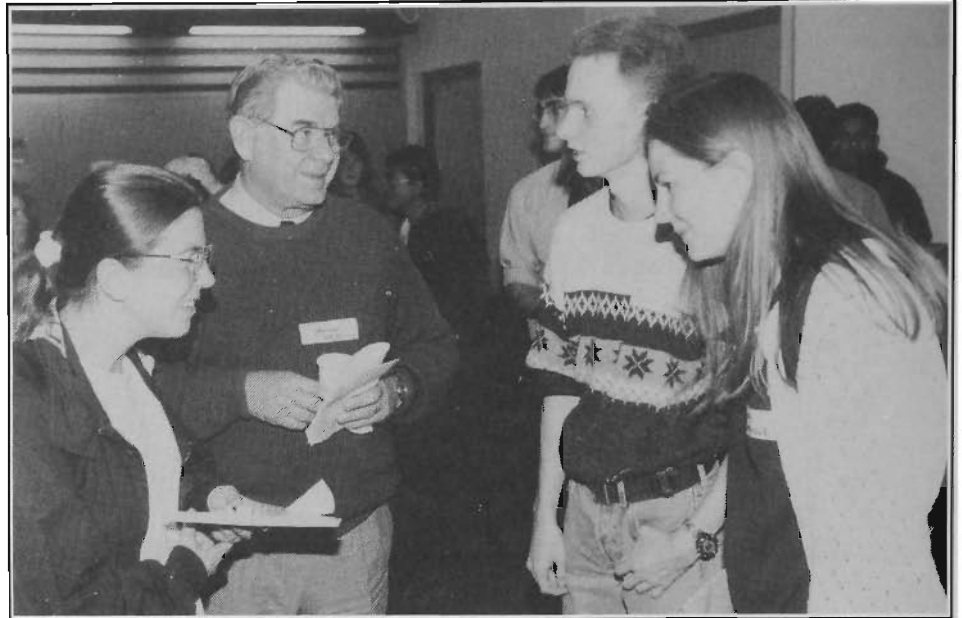
In their first year of IFP, the Leacocks from Berkeley hope to be a friendly Australian family contact for their students, Adam Sexton and Chin Lu Mo.

They were pleased their young children, Benjamin and Alexandra, had the opportunity to interact with overseas students.

Adam, from Colorado USA, said he looks forward to meeting new people and the family contact he will have with the Leacocks. He is living at International House and studying English.

Their other student, Chin Lu Mo from Taiwan said the IFP is the best way to join in and learn about Australia. He will be staying here for up to three years and is studying for his PhD in Environmental Science while living at Campus East.

Anybody can be a 'friend' to an international student, regardless of



Anita Schimizzi (USA), IFP host John Taylor, Peter Anderson (Sweden) and Shady Cosgrove (USA)

background or domestic situation.

Students and staff of the University as well as people in the general community are invited to join the program with the only requirement of having a genuine interest in establishing contact with an international student.

In 1994, the IFP is offered to all new international students entering the University of Wollongong through the Exchange and Study Abroad programs.

Most of these students are from the United States, as well as France, Ger-

many and Sweden.

The University of Wollongong International Office co-ordinates the IFP and is responsible for matching students and 'friends'.

They have combined resources with the Illawarra Committee for International Students which ran a separate but similar program.

From 1995, the program will be run by Diana Wong, International Students Adviser, International Office.

If you are interested in joining the IFP please, call Stephen Lowe (042) 214311 or Diana Wong (042) 213173.

New campus developments underway

The Administrative Committee of the University Council has approved a tender for the construction of the Sciences 2 building.

The successful tenderer is M.C. Harrold and Associates, a local company which constructed the adjacent 'New Science' Building (Bld 41).

Construction began on Tuesday 19 July, with completion about mid year 1996. The total project cost will be approximately \$13.6 million.

The building (8000sq m GFA, 4846sq m UFA) will be linked to and located immediately north of Bld 41 and will provide laboratory, teaching and office space for Biomedical Science, Nursing, Psychology, Public Health and Nutrition, the Faculty Office of Health and Behavioural Sciences, and the Department of Geography.

This building will be approximately 20 per cent larger than the Keira View Building.

The early part of the construction program will see the excavation and removal of a large quantity of fill.

Much of this fill will be placed in an area north of the hockey field. This area has been clearly defined and will not in any way effect the nearby rainforest area.

As part of the contract, the area to be filled will be piped, regraded and landscaped.

Great care has been taken to properly plan this part of the work and consultants were engaged to carry out a feasibility study, prepare design documentation and obtain the necessary approvals from the various authorities including Wollongong City Council Landscape Section and the Water Resources Commission.

The initial proposal was also supported by the University's Aesthetics and Landscape Advisory Committee.

The campus community is reminded that during construction the builder is responsible for and has authority over the site and therefore entry to the site without the authorisation of the builder is prohibited.

Meanwhile, site preparation has begun for the construction of a two-level northern extension to the eastern end of Building 8.

The 650sq m extension will provide teaching and research space initially for the Department of Biomedical Science.

Construction will be carried out 'in-house' on a sub-contract basis and completion is scheduled for December this year.



Russell Gluck from the University of Wollongong's Aboriginal Education Centre, and Chief Superintendent Ian Lynn discuss some of the artworks at the opening of the exhibition

NAIDOC Week art exhibition 1994

To commemorate National Aboriginal Islander Day, the University of Wollongong Aboriginal Centre and the Goulburn Correctional Centre opened their art

exhibition, 'Family Connections', in the Long Gallery.

The theme links Aborigines to their culture and spirituality through the interrelationships between humans, nature and the landscape.

Chemistry student wins prize at national conference

PhD student in the Department of Chemistry, Ms Anna Siu (pictured right), was awarded the prize for the best student poster at the recent National Conference on Inorganic Chemistry held in Perth.

The conference, held every 18 months, attracted more than 200 participants including many distinguished overseas visitors.

The general standard of the posters was very high, being described by judges as 'the most impressive at any of the recent national conferences'.

Anna's poster, entitled 'The Development of a Chiral Iron Polymer-supported Stationary Phase for Asymmetric Synthesis', described the results of her APRA (Industry)- supported research under the supervision of Professor Leon Kane-Maguire and Associate Professor Stephen Pyne in the Department of Chemistry and Dr Richard Lambrecht from the Biomedicine and Health Program at ANSTO.

The ultimate goal of Ms Siu's research is the development of more efficient methods for the production of radio-labelled pharmaceuticals.

Professor Kane-Maguire also delivered a lecture at the conference on novel applications of electrospray mass spectrometry to elucidating the interaction of organometallic reagents with peptides and proteins.

The mass spectrometry group at the University of Wollongong, led by Dr Margaret Sheil, is at the international forefront of studies on the use of electrospray mass spectrometry to characterise large biopolymers.

It was also decided at the meeting that the 1998 National Inorganic Chemistry Conference would be hosted by the University of Wollongong.



This theme also links to celebrating 'The Year of the Family'.

The exhibition features works by several members of the Goulburn Cooperative, Aboriginal community artists, TAFE and creative arts students, and an installation by Sydney artist, Brenda Palmer.

The focus of the collaborative project was education as a catalyst for art, in response to expressions of need by Aboriginal inmates in Goulburn jail for educational and personal development.

After months of discussion, the inmates were very clear about what they wanted.

Through art they developed computer, compositional, literacy and drafting skills.

The future of the project looks promising from all parties involved.

The University would like to maintain connections and provide tools for the correctional centre residents.

Chief Superintendent and Regional Commander of the South West Region Department of Corrective Services, Ian Flynn, opened the exhibition which will be displayed in the Long Gallery, Faculty of Creative Arts until 24 July.

Update on Continuous Improvement Project in Administration

As described in an article in *Campus News* in April, the University has been awarded a National Priority Reserve Fund Grant to establish a 'Continuous Improvement Plan' in the Central Administration.

The project aims to improve the level of service to clients, whether students, Academic Units or the community, by preventing errors and eliminating waste and by understanding the needs of each respective client.

To this end, all staff in General Administration and several participants from Information Technology Services, the Library and the University Union have recently been trained in the principles of continuous improvement.

A recent one-day training program concentrated on the origins of the quality movement worldwide, discussed the procedures involved and practised some of the specific skills required to make quality improvements.

As a result of the training program

more than 50 staff members from a cross section of units volunteered to serve on 'Service Improvement Groups' (SIGs).

Five topics were chosen from a large list and are dedicated to process improvements in several work areas.

The reviews to be conducted at this time are:

- the student enrolment process;
- the recruitment of staff;
- the purchasing system;
- the forms used in Administration;
- the flexi-clock system.

An introductory gathering for all SIG volunteers was held on 6 July in the Union Function Centre to enable participants to meet fellow team members and begin work on their projects.

In some cases it was noted that individuals had worked in Administration for several years without ever having been introduced to each other.

Each team also has a 'sponsor', usually a branch manager.

The role of the SIG sponsor is that of a facilitator and enabler, not a team

leader. The sponsor is to be used by the members of a group as a source of organisational knowledge and support, rather than expertise about the topic itself.

The groups are expected to meet for one to two hours every fortnight.

It is anticipated that topics should take between two and six months to complete, after a detailed problem solving methodology developed by the CIP project.

Achievements of the SIGs will be reported later in the year in *Campus News*.

Service on these SIGs will grant staff the opportunity to put into immediate practice some of the skills they have acquired as a result of the training.

It will also enable them to begin what we hope will become a permanent staff involvement in the practice of 'continuous improvement' in all our work areas.

It is only by this staff participation, beginning now and growing in the future, that we can hope to attain the objectives of the Continuous Improvement Project.

Forthcoming training includes 'Client Service Skills' for all Administration staff, to be conducted in August by Vivien Twyford Communications.

The one-day sessions will explain the importance of good customer service skills, demonstrate how to listen and communicate effectively and meet the needs of both internal and external customers.

The sessions will reflect the recently completed University Client Service Policy and complement the continuous improvement training already undertaken.

Several Administration managers are also to be trained in the tools and techniques of benchmarking.

Benchmarking involves the systematic copying of selected work processes from a willing and recognised partner, the objective being considerable change and improvement.

Any persons wishing to contribute information, inspiration or data to a specific SIG group should contact the CIP project team: Tony Clapham, ext. 4626, or Amanda Howard, ext. 4625.

The Friends of the University of Wollongong Association presents

Dr John D'Arcy May,

**1994 Ethel Hayton Fellow in Religious, Spiritual and
Contemplative Studies,**

*Lecture series 'The Ethics of Multiculturalism: Conflict and Peace
in an Inter-religious Ethos'*

Introduction 18 July: The Terms of the Task

Part 1 Multiculturalism's Potential for Conflict:

25 July: Violent and Non-Violent Religion

1 August: Violent and Non-Violent Pluralism

8 August: The Antidote of Dialogue

Part 2 Multiculturalism's Potential for Peace:

15 August: An Inter-religious Ethic

22 August: An Inter-religious Ethic of Economic Justice

29 August: An Inter-religious Ethic of Ecological Integrity

**Conclusion 5 September: Beyond Pluralism: Religious
Interaction and Global Transformation**

7.30-8.30pm in Lecture Theatre five of the Communications Centre (building
20)

Seminar program

26 July Sectarianism: Northern Ireland

2 August Communalism: India and Sri Lanka

9 August Fundamentalism: A Pan-Religious Phenomenon

16 August Pluralism: Australia in the Asia-Pacific Region

23 August Engaged Buddhism: Thailand in Transition

30 August Postmodernism: The Decline of the West?

Tuesdays 4.30-6.30pm. Tutorial Room lvl 3, Bld 11.203

If you wish to attend please contact David Muscio on (042) 21 3073.



Commodore Sam Bateman, Centre for Maritime Policy (second from left) and the Vice-Chancellor (fourth from left) with representatives from Indonesian Police, Supreme Court, Attorney General's Department and the Navy.

The Government of Indonesia has awarded the Centre for Maritime Policy in the Illawarra Technology Corporation a contract to conduct a 10-week course in Marine Law for Government lawyers.

A group drawn from the Indonesian Attorney-General's Department, Marine Police, Navy, Legal Aid and the Supreme Court arrived in Wollongong on 4 July to begin the course.

They were welcomed by the Vice-Chancellor, Professor Ken McKinnon.

The course is designed specifically to reflect the current and future mari-

Indonesian lawyers on campus for Maritime Law course

time interests of Indonesia and the increasing interaction between the two countries.

It covers several aspects of Australian and international law and policy including the law of the sea, shipping, and protection of the marine environment.

In addition to lectures, students will visit several courts and government

agencies involved in maritime issues, and tour ports and naval facilities.

The Centre for Maritime Policy in the ITC has provided the curriculum expertise and is coordinating the course delivery.

Lecturers have been drawn from the Faculty of Law at the University, the Australian Institute of Maritime Law and other specialist areas.

Eisteddfod goes high-tech – thanks to Computer Science lecturer

In its centenary year, The City of Wollongong Eisteddfod has grown to proportions never imagined back in its beginnings.

Performers from all over the state as well as Victoria and the ACT have performed in 106 sessions of music, dance and drama, including 4238 soloists, 195 duos and trios, 270 groups and troupes as well as choirs, making it the largest Wollongong Eisteddfod ever.

At a cost of around \$100,000 with prizes to the value of \$30,000, the organisation of such an event can prove to be a challenge, which is where University of Wollongong lecturer in Computer Science, Dr Gary Stafford was called to the rescue.

After spending 15 years at the University of Waterloo, Canada, beginning with astronomy and physics, Dr Stafford eventually moved to maths and computer science and the University of Wollongong.

With his help, the Eisteddfod committee now benefits

from a software package designed by Dr Stafford specifically to suit the computer the Eisteddfod committee bought some time ago.

He constantly updates the computer system meaning the committee can access and use the information much quicker than before when everything was done manually.

The computer system has lightened the workload significantly. It prints out tickets and has fine-tuned the application system.

Although not directly involved in the organisation of the Eisteddfod, he enjoys assisting them in every way possible and is a musician himself as he plays the piano and saxophone.

Dr Stafford and his family have been in Wollongong for about 10 years and he enjoys the small and friendly university campus, especially the view from his office, a big change from Waterloo where his Department was housed in a six-storey building.

Research productivity is independent of department size

The following article was written by some staff of the Biological Sciences and Chemistry departments and appeared in a recent issue of *Campus Review Weekly*.

Philip Adey and Professor Frank Larkins have fuelled the controversy surrounding the wisdom of concentrating research funding in large departments, stating that 'the benefits for Australian science of concentrating resources are real and not a pervasive myth'.

Adey and Larkins' arguments are based on what they claim to be a 'representative analysis' of research productivity per capita, for the Biology, Chemistry and Physics Departments of 10 selected Australian universities including the University of Wollongong ('*Campus Review*' article p 7: 23-29 June 1994).

We write for two reasons: firstly to correct the publication numbers for the University of Wollongong and secondly (and more importantly) we have re-examined the same data set and find that different conclusions may be drawn.

Adey and Larkins argued that a previous analysis by Ian Lowe showing no significant correlation between size and productivity in science departments was flawed because it used data only from 1990.

They have expanded the data set to that for 1990, 1991 and 1992 and from this new data set they believe they have established a 'broad general relationship between research productivity (numbers of publications per staff member) and size of Department'.

They did not support this claim with any formal analysis and there are two serious flaws in Adey and Larkins' presentation.

First, there are errors in the data presented. It is not clear how extensive or how important those errors may be, however, careful examination of the University of Wollongong Research reports for the 1990-92 triennium revealed that the productivity of each of our relatively small Departments of Biology, Chemistry and Physics was underestimated.

Some 27, 38 and nine publications were omitted for Biology, Chemistry and Physics respectively.

These sorts of inconsistencies may affect the data for other universities as omissions appear largely to have resulted from difficulties in obtaining accurate year-by-

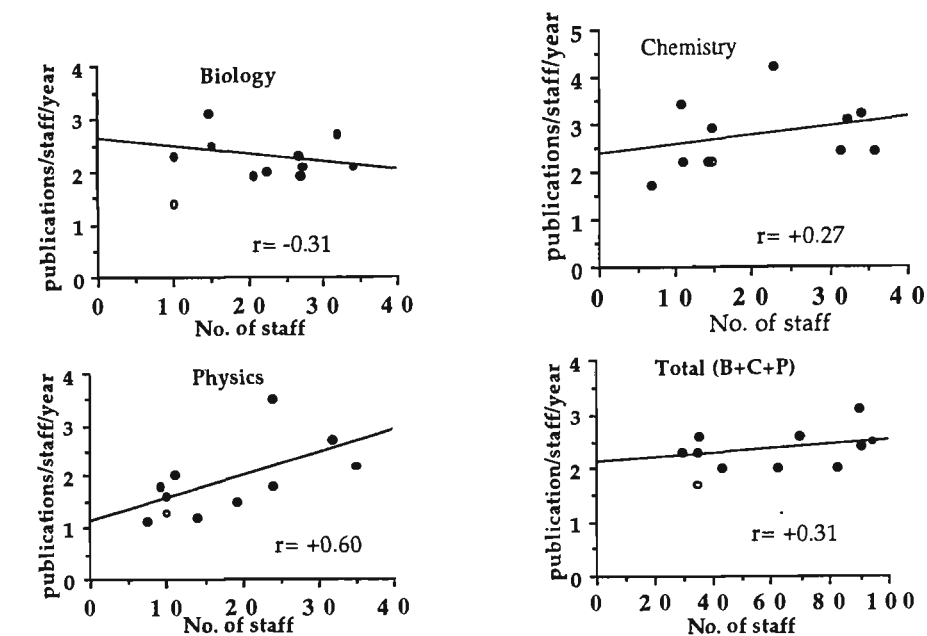


Fig. 1: Plots of Size of Department vs Publications/ full-time academic (teaching and research) in the 1990-92 triennium for the departments of (a) Biology, (b) Chemistry, (c) Physics and (d) combined values in 10 Australian Universities. All data are taken from Adey and Lowe's article except data for University of Wollongong (corrected as indicated in this article). The open symbol represent the uncorrected values for Wollongong.

year estimates from the University of Wollongong reports (i.e. relevant publications were contained in four not three reports, 1992 publications are presented for research groupings and not for Departments, and some publications were simply left out in the preparation of these reports).

However, inclusion of all Wollongong publications means that the Department of Biological Sciences appears to be the fifth, Chemistry equal fourth and Physics the sixth most productive Departments of their type respectively (cf equal 10th, seventh and eighth).

More importantly we found that these corrected data (and the tabulated data of Adey and Larkins) do not support the hypothesis that larger Departments of Biology or Chemistry are more productive than smaller ones (although a significant positive correlation exists for Physics. Fig 1).

While there is substantial variation among departments for that three-year period, only 9 per cent, 7 per cent and 36 per cent of the variation in publications productivity is explained by the number of staff in each department.

When all three departments are summed there is no significant correlation between number of science staff and per member publication productivity with only 9 per cent of the variation in productivity of science faculty being ex-

plained by staff size.

Our analysis strongly supports the earlier conclusions of Ian Lowe that 'there is no significant tendency for large departments to be more productive or to have more impact than small departments' (see *The Australian* 29 June, 1994 for Lowe's more comprehensive analysis).

Thus, from this data set, small science departments are similarly productive to large science departments.

This performance by the small departments is more commendable when we consider that they have higher student loads.

Using the 1992 DEET statistics for Science Faculties (Selected Higher Education Statistics 1992 Tables 51 and 62) we calculate that the average student load (EFTSU) per staff (FTE) for Adey and Larkins' 'big five' was 14.8 while for their 'smaller five' it was 25.9.

Although this statistic too may hide variations in teaching load, it illustrates that the small universities are performing extremely well.

Indeed, correlation analysis suggests that 18 per cent of the variation in the productivity of staff of these science departments can be explained by the teaching load per staff member, with a smaller teaching load resulting in greater productivity.

Not a totally surprising result.

Without history, you're history!

It is impossible to understand the history of industrial relations or the labour movement without considering the history of the Labor Council of NSW, the oldest and most important labour council in Australia.

Only the churches and the Westminster Parliamentary system have a longer history among the major representative bodies of this country.

Associate Professor of Industrial Relations Raymond Markey traces the turbulent 120-year history of this influential council in the union movement and NSW society in general through his official history of the Labor Council, 'In Case of Oppression - The Life and Times of the Labor Council of NSW'.

Joined by President of the Labor Council of NSW, Frank Mossfield; Shadow Minister for Industrial Relations and Leader of the Opposition in the Legislative Council of NSW, Jeff Shaw; Lord Mayor of Wollongong, David Campbell; members of the Industrial Relations Society of NSW, Illawarra branch; Pluto Press; local trade unions and business people; staff of the University and friends, Professor Markey recently launched his new book at Wollongong City Library.

He is the author of several books including 'The Making of the Labor Party in NSW'.

'In Case of Oppression' shows how the Labor Council dealt with non-Labor governments at the beginning of the century,



Frank Mossfield, Ray Markey, Lord Mayor David Campbell and Jeff Shaw at the book launch.

traces the relationships between the Labor Party and the Labor Council, and looks closely at the characters who have dominated the union movement.

Professor Markey noted the importance of labour history in defining the labour movement and providing it with an identity, and as a counterbalance to the emphasis of traditional history upon the victors in society.

He stated that: 'Without history one can have no future; and without a future, you're history, or, you cannot know where you are going, unless you know where you have come from'.

The book retails for \$39.95 through Pluto Press and is available through most Australian book stores, including the Union bookshop, as well as from Professor Markey.

Students from Alma College, Michigan, get a taste of Wollongong

An inaugural short term Study Abroad program for students from Alma College in Central Michigan, USA was conducted recently by the Illawarra

Technology Corporation in conjunction with the Study Abroad staff in the International Office.

The program comprised 15 students

in either their junior or senior year of a Bachelor of Business degree.

The students were accompanied by the head of the Department of Business Administration at Alma College, Professor George Gazmararian. The topic for the program was 'The Role of Australia in the Pacific Rim Region'.

There was a program of lectures, given by members of the University of Wollongong staff including researchers in the Asia-Pacific Research group. Participants attended a daily class on specialised topics including political, economic, cultural and social issues.

The program also included site visits to BHP, Port Kembla coal terminal and Port Kembla grain terminal.

At weekends, students visited places of interest including museums, galleries and historic houses in Sydney and Canberra. The students were housed in the University residences and so experienced something of the residential life of Wollongong students.



Alma College students with Professor Gazmararian (third from left) and the program Academic Co-ordinator, Mr John Steinke, former Dean, Faculty of Commerce (left) at the University of Wollongong

General

29 July: Department of Business Systems seminar. Dr Stephen Little, Department of Business Systems, University of Wollongong. **Emerging forms of organisation in a networked world.** 12.30pm, 67.101 Keira View Building.

6 August: Illawarra Committee for Overseas Students (ICOS) Snowy Mountains one-day trip \$25 (coach only).

15-19 August: SRC Blue Stocking Week.

28 August: University Open Day.

30 August-3 September: Union Week.

4 September: Graham Park, Shoalhaven, Open Day.

Dr John D'Arcy May, 1994 Ethel Hayton Fellow in Religious, Spiritual and Contemplative Studies, presents a seminar program to accompany his lecture series. The program, called **'The Ethics of Multiculturalism: Conflict and Peace in an Inter-religious Ethos'**, will run on Tuesdays from 4.30-6.30pm in Tutorial Room, level 3, Bld 11.203. The dates are: 26 July, Sectarianism: Northern Ireland; 2 August, Communalism: India and Sri Lanka; 9 August, Fundamentalism: A Pan-Religious Phenomenon; 16 August, Pluralism: Australia in the Asia-Pacific Region; 23 August, Engaged Buddhism: Thailand in Transition; 30 August, Post-modernism: The Decline of the West? Enquiries: David Muscio, phone (042) 21 3073.

Human Research Ethics Committee. Agenda Deadline Dates: 10 August, 12 October, 9 November, 7 Decem-

What's On

ber. Meeting dates: 23 August, 25 October, 22 November, 20 December.

Key Centre for Mines courses: 27 September: **Disposal and Utilisation of Mine Waste**; 7-11 November: **Modelling, Planning and Evaluation of Resources on a Personal Computer**; 14-18 November: **Environmental Geology**. Inquiries: Professor Naj Aziz, phone 21 3449, or Sue Wade, phone 21 3057.

Cell and Molecular evening seminar series run by the Department of Biological Sciences. 22 August: Prof Tony Basten (Director, Centenary Institute, Sydney University) The Beckman seminar on Self-Tolerance and Autoimmunity. 19 September: Dr Jim Chin (Elizabeth Macarthur Ag. Inst. Camden, NSW Dept. Agriculture) The Gibco seminar on Mucosal Immunology. 10 October: Dr Brad Walsh (Centre for Immunology, St Vincent's Hosp., Sydney) The BioRad seminar on Macrophage Activation & 2D-Electrophoresis. 17 October: Prof Barry Rolfe (Research Centre for Biological Sciences, ANU) The AMRAD/Pharmacia seminar on Plant Biotechnology. 24 October: Prof Peter Reeves (Dept. of Microbiology, University of Sydney) The Bresatec seminar on Prokaryote Evolution. Held at 7.30pm in Building 35, Room 105. Enquiries: Phone (042) 213 013, Fax (042) 214 135.

City of Wollongong Symphony Orchestra Concerts

13 August: Past Eisteddfod Winners, Petra Davis (violin), Heather Lee, (soprano). Conductor: JWD. University Singers. Conyngham 'Matilda' (for BC's 50th b'day); Bruch Violin Concerto No1, Arias from 'Don Pasquale', 'Capulets and Montagues', 'Don Giovanni', Dvorak Slavonic Dances.

26 November: 'Judy Glen's Spaghetti Opera'. Conductor: JWD, Judy Glen, soprano-comedienne. A comedy of arias interspersed with short pieces from the 'classical favourites' repertoire.

All concerts at IMB Theatre, IPAC, on Saturdays at 8pm. Adults \$20, concession \$17, family of four \$64, student rush \$10.

The Art of Lunch

A series of one-hour performances in the Music Auditorium (University Building 24.G01) on Thursdays at 12.30 during session. Admission: Free

Long Gallery

29 July-21 August: TAFE/ Artist Books Exhibition.

25 August-18 September: Turkish Exhibition, student/community.

22 September-12 October: Postgraduate Show, Leonard Smith, Catherine Kay.

16 October-6 November: Bronzes, Ken Stone, Lynn Brunet.

14 November-7 December: BCA Graduating Exhibition.

For further information contact Elizabeth Jeneid at the Faculty of Creative Arts, phone (042) 21 3048.

Stop Press

Study in the US Information Sessions

Communications Centre (Building 20)

Lecture Theatre 5

12.30 - 1.30pm

27th-29th July

and 2nd August

Proteins at interfaces workshop

Many of the problems faced in areas as diverse as protein separation/detection, biocompatible materials and even membrane fouling are related to processes that involve proteins at interfaces.

A detailed understanding of how proteins interact with each other, with water and with solid surfaces is essential if significant progress in the above applications areas is to be achieved.

This informal workshop, on Monday 8 August, will address some specific issues in this regard.

It will be led by Professor Milton Hearn, a recognised international figure in studies related to biochemical interactions and the application of this knowledge in separations technology.

The workshop program is:

1.30-2pm: Professor M. Hearn, Factors influencing protein interactions with surfaces.

2.15-2.30pm: Dr A. Hodgson, Protein - colloid interactions.

2.45-3pm: Professor G. Wallace, Electrochemical control of protein surface interactions.

3.15-3.30pm: Afternoon tea.

3.30-3.45pm: Professor R. Truscott, Alpha crystallin as a molecular chaperone.

4-4.15pm: Dr J. Carver, Protein-protein interactions in the lens.

If you wish to attend this workshop, register with Louisa Fisher (042) 213 127 before August 1 (venue to be advised).