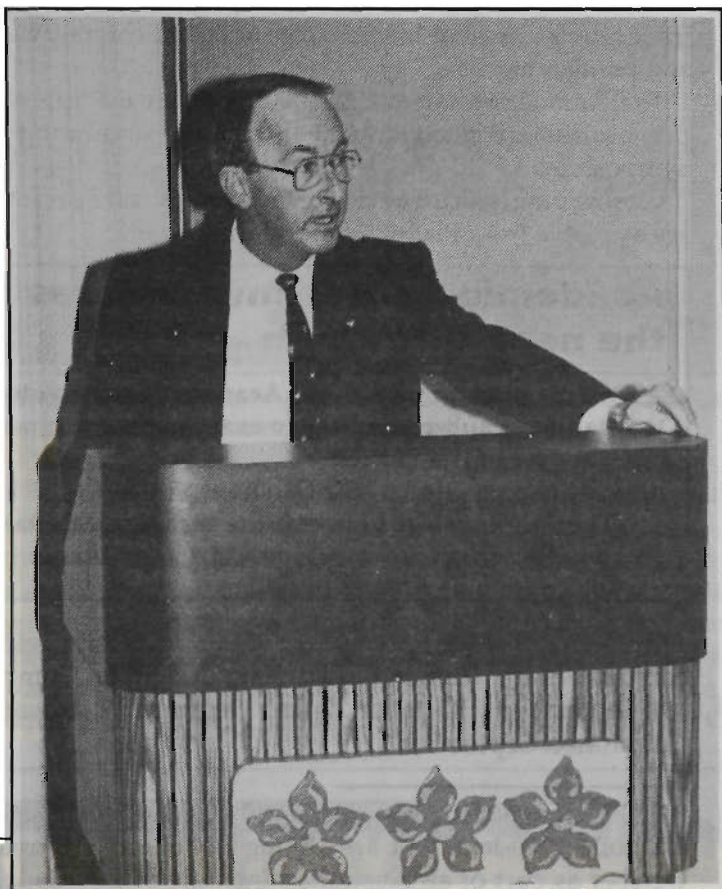


## Sixth Telecom-funded group



THE Federal Minister for Science and Technology, the Hon. Ross Free, has announced that Telecom Australia will provide \$1.01 million to the Centre for Information Technology Research (CITR) to establish a Telecommunications Software Research Centre (TSRC).

This was announced at a function at the Illawarra Technology Centre at the University of Wollongong on July 25.

This centre, headed by Professor Fergus O'Brien, Head of the Department of Computer Science, is the sixth Telecom-funded centre to be established at the University of Wollongong.

It will complement the work of the Switched Networks Research Centre, another Telecom-University centre established last year, and four autonomous Telecom groups also on campus – the Customised Software Solutions Centre, the Suppliers Interface Support Centre, the Trunk Network Engineering Development Group and the National Data Base Administration Group.

This most recent centre will have important implications in the fields of telecommunication information networking architecture which aims to initiate a sound worldwide base for the technological advances needed to bring telecommunications and computing together into

*Continued page four*



TOP: Federal Science and Technology Minister, Ross Free at the announcement of the funding of the new research centre. ABOVE: General Manager of Telecom's Research Laboratories, Harry Wragge (left) and the director of the new centre, Professor Fergus O'Brien

## Brief News

TWO members of staff at the Centre for Multicultural Studies, Professor Stephen Castles and Dr Robyn Iredale, are serving on the National Population Council.

The NPC is an advisory body to the Minister for Immigration, Local Government and Ethnic Affairs, the Hon Gerry Hand. It is reviewing Australia's population, including immigration and the need for a population policy.

A small committee, the Population Issues Committee which includes Professor Castles and Dr Iredale, is collecting submissions and holding workshops.

Dr Iredale assisted with the workshop on Population Issues and Women, held on August 2. Contact the Centre for Multicultural Studies for further information.

THE new Faculty Officer in the Faculty of Informatics is David MacDonald. He replaces Paul McGuire.

SOCIOLOGY lecturer, Dr Mike Donaldson, has released a new book, *Time of our lives*, which looks at the working class.

He argues that it is only by examining the whole lives of the working class as they live and love, struggle together and against one another within the capitalist system they reproduce that we can begin to understand the possibilities and constraints of contemporary capitalism. The book is published by Allen and Unwin.

THE Centre for Staff Development is offering an *Office writing for administrative staff* workshop on August 13 from 9.30am-1.30pm.

All administrative and general staff who are involved with writing letters and reports are invited to nominate for this workshop. The presenter will be lecturer from the Learning Assistance Centre, Kim Draisma.

For a complete course outline and a nomination form, contact Jan James, Centre for Staff Development, Bldg 19, Rm G041, ext 3946.

Numbers will be restricted, so early nomination is advised.

THE Minister for Arts, Sport, the Environment, Tourism and Territories, Ms Ros Kelly, has announced the appointment of Professor David Green to the position of Chief Science Adviser in the Department.

Mr Green has been professor of Geology at the University of Tasmania since 1977 and is also a Fellow of the Royal Society of London and the Australian Academy of Science.

The Chief Science Adviser will provide advice to the

Minister on a broad range of policy matters, including developing national strategies to deal with greenhouse gases, biodiversity and endangered species.

Dr Green will also be involved in assessing scientific priorities for the proposed Commonwealth Environment Protection Agency.

PROPOSALS are invited for the second annual Fulbright Symposium to be held in 1992. The board of the Fulbright Foundation wants proposals limited to current priority areas in the Australian /Fulbright Program: international trade, environmental law and/or management and visual and performing arts.

The Foundation offers a \$10,000 grant for the approved proposal as a contribution to the cost of organising the Symposium.

Closing date is October 15. Further details and a proforma are available from Planning and Marketing, ext. 3110.

### Academic Senate investigates the need for reform

AT the meeting on July 24, the Academic Senate voted to establish a sub-committee to examine:

- The role of the Senate;
- The composition of the Senate;
- The relationship between the Academic Senate and the Planning and Development Committee.

AGENDA deadlines for meetings of the University's ethics committees are: Human Experimentation Ethics Committee: September 1, October 27 and December 7. Biosafety Committee: September 1.

BILLETS are needed for more than 40 Japanese senior school and college students who are coming to Wollongong in early October as part of an Australian Institute of International Understanding (AIU) exchange.

"Families are asked to provide a bed, not necessarily a room, three meals a day and to show a new friend our way of life," Mrs Friend said.

For more information on the exchange contact Mrs Friend, tel. 28 1331 after 5pm weekdays.

*Campus News* is published weekly on Tuesday during Autumn and Spring sessions

Editor and Media Contact:

Gillian Curtis

Telephone (042) 21 3110

Editorial Production:

Kevin McDonald

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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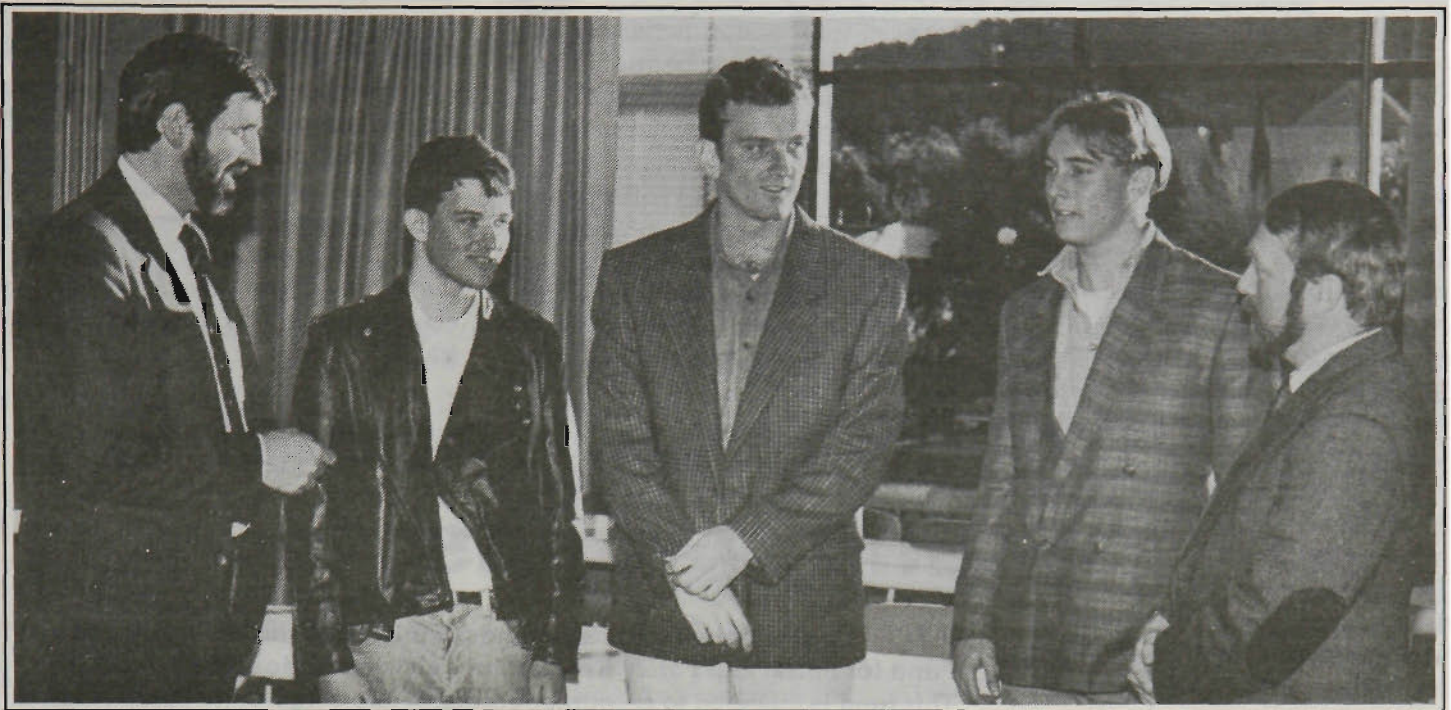
Apple is offering discounts on their 2MB/HD40 Macintosh Classic and LC computers. This discount is available until August 16.

	Staff/student	Department
Mac Classic 2MB/HD40	\$2040	\$1871
Regular price	\$2314	\$2105
Mac LC 2MB/HD40	\$3154	\$2678
with 12" color monitor		
Regular price	\$3601	\$3058

**Prices includes keyboard and mouse**

For further information contact Campus Personal Computing, tel. 21 3775.

# ITC scholarship presentation



Scholarship presentation – (from left) ITC Managing Director Jim Langridge, Paul Smith, Andrew Haynes, Kelvin Lupis and International Office Director, Eric Meadows

IN NOVEMBER, 1990 the Illawarra Technology Corporation approved 10 scholarships of \$1000 to be awarded to students participating in the Student Exchange Program during 1991.

Six of the scholarships were awarded to students who began their exchange in January, 1991 and the

remaining four to students who will begin this month.

The scholarships are awarded on the basis of academic merit.

The following students received the first awards: Andrew Haynes (Bachelor of Commerce – University of North Carolina at Chapel Hill); Kel-

vin Lupis (Bachelor of Arts – University of North Carolina at Chapel Hill); Paul Smith (Bachelor of Arts – University of North Carolina at Chapel Hill) and Matthew Bradley [Bachelor of Education (Physical and Health) – University of California (Davis)].

**OPEN DAY**  
**Sunday**  
**August 25**

## Science for survival

DISCOVER how Commonwealth Scientific and Industrial Research Organisation (CSIRO) scientists in Australia are working to solve some of today's most pressing environmental problems.

An exhibition of their work opened

at the University's Science Centre last week.

The exhibition, called *Science for Survival*, was first displayed last year as part of *Environment 90* at Darling Harbour. It was developed by the Powerhouse Museum for CSIRO.

It examines the causes of the Greenhouse Effect and how Australian technological know-how is being used to measure and minimise associated climatic changes.

Current research into fire management, water treatment, soil conservation and air pollution is also featured.

*Science for Survival* will be on display until September 8 every Saturday and Sunday from 1-5pm and Thursday evenings 7-9pm.

The Science Centre is at the University's Campus East, Cowper St, Fairy Meadow.

## Human Movement strength tests

A POSTGRADUATE study within the Department of Human Movement Science will be investigating the relationship between muscle strength, physical activity and bone density.

Strength measurements will be taken from the muscles of the lower leg.

The department requires 20 sedentary male subjects on or over the age of 60 years to participate as the control group for this study.

Sedentary is defined as meaning a minimum of 10 years or more without participation in regular physical activity.

Testing procedures will take approximately 20 minutes.

If you are interested in participating in the study or would like more information, leave your name and contact number with the secretary of the Department of Human Movement Science, ext. 3881.

## Friends

ALDERMAN Frank Arkell hosted a reception in the city in his capacity as Lord Mayor and Chairman of the Community Involvement Committee for members of the University staff recently.

Both Ald Arkell and Professor Lauchlan Chipman spoke of the interaction between the University and the City of Wollongong and their interrelated roles.

In addition, Vice-Chancellor, Professor Ken McKinnon, spoke of recent discussions on campus and in the media regarding resource allocations and the decision-making processes in tertiary institutions.

The Friends of the University comprises a large group of individuals and organisations in the community who have expressed their commitment to the enhancement and promotion of our University, and as such their goodwill and contribution are valued most highly.

This was evident by the spontaneous presentation of a Certificate of Appreciation from the Italian Social Welfare Wollongong to the Friends for supporting their association.

As part of the Friends' Visiting Religious Scholar program, on Thursday July 25, Dr Ali Amir from India gave a talk on 'Islam has a Universal Appeal'.

The occasion was well attended, in particular by members of the Islamic community.

Dr Amir spoke of the teachings in the Koran of love, brotherhood, tolerance of other religions, and the unacceptability of all forms of discrimination.

We should like to thank Dr Sultan Ali of the Community Involvement Committee for organising this event.

- MICKEY FOULDS

## ICOS general meeting

THE annual general meeting of the Illawarra Committee for Overseas Students will be held in the Union Board Room on Tuesday August 20 at 7pm.

Written nominations for executive office are due on or before Monday August 12.

If you would like to attend or nominate an office bearer contact Wendy Jabri at the ICOS office in the Union Building next to the Careers and Appointments Service, on Tuesday, Wednesday or Friday from 9am to 2pm. Tel. 213158 or ext. 3158.

## Sixth Telecom-funded group

From page one

an overall information networking architecture which would be applicable to the mid 1990s and beyond. As well TSRC will concentrate on information modelling and service management.

"The University of Wollongong's commitment to research and development [in telecommunications] through the Centre for Information Technology Research augers well for the future aspirations of the centre to become a recog-

nised telecommunications research and development node in the Asia Pacific Region," Mr Free said.

Mr Free later wished CITR every success in its application for a government-funded co-operative research centre in association with Telecom, OTC, NorTel and the Digital Equipment Corporation.

"CITR should rapidly become one of the most concentrated centres of telecommunications research in Australia," he said.

## Telecom special R and D funds

TELECOM provides two sources of funds of interest to the University, namely:

### Fund for Social and Policy Research in Telecommunications

This fund is intended to encourage academic and community based research in telecommunications. It covers both institutional and individual research. Further information may be obtained from the Executive Officer (Evelyn Richardson) of Telecom's Corporate Strategy Directorate, Eighth Floor, 172 William Street, Melbourne 3000, tel. (03) 606 8420 or fax: (03) 600 0023.

### Product Development Fund

This fund has been operating for about four years investing near \$5 million. Funds in the form of risk capital ranging from tens to hundreds of thousands of dollars per project are available. The grants are intended to fund the development of prototypes to the pre-production phase and may involve software, hardware or process. The end product must have strong links to Telecom's telecommunication interests and have the potential for success in the market place as demonstrated by the applicant. Telecom seeks return of its investment from the products sales. Enquiries: Robin Court, of Telecom Research Laboratories, tel. (03) 541 6294, fax: (03) 543 4127.

Telecom is the major sponsor of the Technology in Education and Training Event to be held in Melbourne from September 17-19, 1991.

For further information contact Collin Archer, tel. (02) 552 1166, fax: (02) 660 3813.

## Accountancy's doctoral consortium

THE Department of Accountancy held its third annual doctoral consortium on August 2.

The proceedings began with the official opening by the Deputy Vice-Chancellor, Professor Sutton.

The morning was devoted to presentations of papers by three international scholars of the methodological issues they faced in undertaking specific research projects.

The approaches adopted included a critical analysis of the development of information systems, the traditional finance oriented empirical based research, and the development of an Habermasian accounting analysis.

In the afternoon the presenter was joined by two other internationally distinguished scholars in an open forum discussion of the research problems faced by those enrolled in doctoral programs in the department as well as potential researchers.

## Legal organisations support clinical placement program

A UNIQUE feature of the Bachelor of Laws degree at the University of Wollongong is that students are required to complete a work placement program.

This is designed to expand students' understanding that the law is a living system, not just a set of rules in books.

During their course they are exposed to a minimum of two different and carefully selected work placements.

Much insight can be gained by linking the formal learning at university with participation in the practice and operation of the law.

The Faculty of Law has interviewed possible placement supervisors in various legal firms, organisations and agencies in Wollongong, Sydney, Canberra and Perth and has initiated discussions with organisations in Regional NSW, Adelaide, Queensland, Melbourne, Germany and the UK.

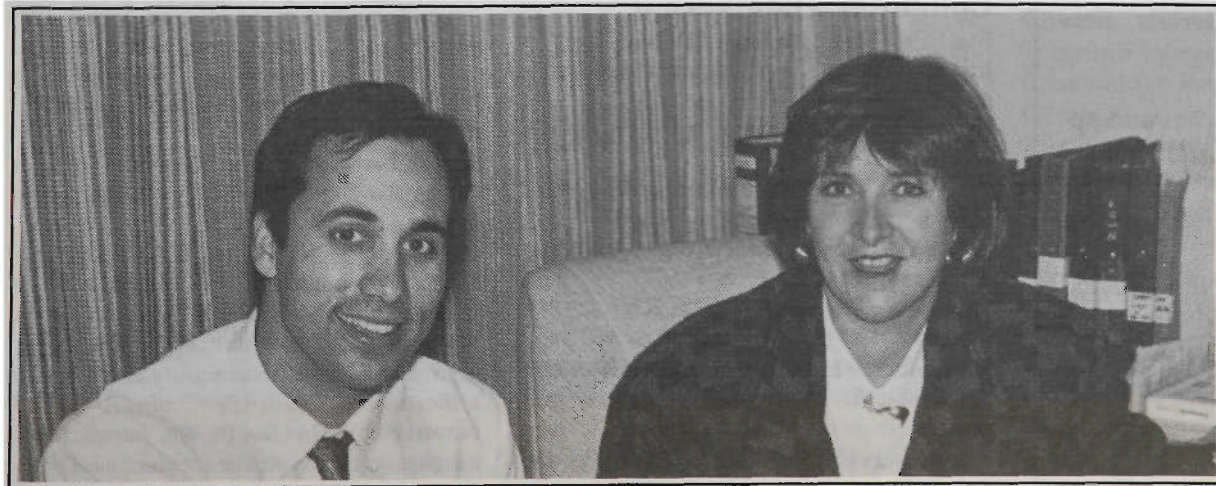
Local Wollongong firms have responded enthusiastically.

The practice areas comprise in part Legal Aid, Australian Government Solicitor, Department of Social Security, High Court of Australia, Office of Parliamentary Counsel, Director of Public Prosecutions, Members of the Bar and city and suburban practices.

Considerable time has been taken in liaising with these organisations to ensure that the program does not merely become work experience but is locked in firmly with the framework of the academic subjects with which it is linked.



Law student Nicole Goss (second from right) discussed her clinical placement program with Peter Kell, Franca Parolin and John Lough of Kell, Heard, McEwan and Lough. Nicole holds a \$38,000 scholarship from this firm to assist her with her studies.



ABOVE: Adorina D'Arcy undertook a work placement period with Wollongong solicitors WM Macquarie and Associates. She is pictured with Bill Macquarie.

LEFT: Student Arvind Mathur was placed with Gaye McDowell at the Solicitor for Public Prosecutions office

## Anglican discussion sessions

THE Anglican Chaplaincy on campus will hold two discussion sessions in spring semester at 4 Moore Street, Gwynneville at 8pm.

The topic for the first, on August 14, is Sex and Worship or Why there is no marriage in heaven.

On September 11 the topic is: Cananbulistic Religion or Why sacraments are essential to salvation.

## Union elections

THE University of Wollongong Union is holding its annual Board of Management elections.

The elections, to fill vacancies for five elected members, will be held on August 14 and 15.

Polling arrangements are: August 14, Union Hall, 11am-6.30pm and August 15, Union Hall, 10am-5pm.

## ANZAAS Congress

THE 1991 Australian and New Zealand Association for the Advancement of Science Congress will be held in Adelaide from October 1-3.

The topic is Renewal and Reproduction. Hear:

- What the experts have to say about new developments in science, technology and manufacturing.
- What the future holds in terms of new ideas, new materials, new products and new ways of doing things.
- About new approaches and approaches that work from related scientific disciplines.

Phone, fax or write for a copy of the program.

The Australian and New Zealand Association for the Advancement of Science, GPO Box 498, Adelaide 5001. Tel. (08) 228 4777 Fax (08) 232 4590.

## Department of Accountancy

August 16: Michael Metcalfe, University of South Australia, *Metaphors and management accounting*, Building 40, Room 224, 11am-12.30pm. Inquiries: Associate Professor Hai Yap Teoh, tel. 21 3625.

## Department of Biology

August 7: Associate Professor John Campbell (Department of Anatomy and Cell Biology, UCLA), *Evolutionary mechanisms*.

August 13: Dr David Ayre, *Conservation genetics of marine organisms: localised adaptation of clonal genotypes*.

August 20: Dr Jim Campbell, *Hormonal regulation of migration in crickets*.

August 27: Dr Roger Coles - to be announced.

September 3: Departmental meeting

September 10: Ms Fiona Mandelc (Graduate School Environment, Macquarie University) *The bottle-nose dolphin populations in Jervis Bay*

September 17: Dr M.J. Thompson (Department of Zoology, University of Sydney) *Physiology of reptilian eggs: comparison of contemporary and extinct species*

September 24: Dr Bill Sewell, Department of Immunology, St Vincent's Hospital - to be announced

October 15: Dr Andy Davis - to be announced

October 22: Professor Helen Garnett - to be announced

October 29: Dr Valerie Morris (School Biological Sciences, University of Sydney) *Early development of the endemic sea urchin *Holopneustes purpureus**.

November 5: Departmental meeting

November 12: Associate Professor Tony Hulbert, *Oils ain't oils- why cats eat meat*

November 19: Associate Professor Ted Steele, *Somatic hypermutation in antibody V-genes*

November 26: Dr Glenda Sullivan-Tailyour - to be announced

December 3: Associate Professor Rob Whelan - to be announced

Location: Lecture Theatre 35.G19 at 12.30pm - 1.30pm.

## Department of Electrical and Computer Engineering

Staff/Postgraduate Research Seminars

July 29: David Rowe, *The multi-band excitation speech coder*

August 5: John Kostogiannis, *The speech processing testbed*

August 12: Hao Hi, *Generation of depth maps using absorption in a coloured liquid*

August 19: James Andrew, *Sub-band coding of imagery*

August 26: David Irvine, *Resonant DC link inverter*

September 2: Mark Lasha, *Sub-surface radar*

September 9: Bronwyn Evans, *Robot controllers*

September 16: Juha Touminen, *Parallel*

## Seminars

*manipulators in robotics*

September 23: Professor B. Bose, *Recent developments in power electronics and motor drives*

October 14: Dr B.S.P. Perera, *Finite element analysis of EM devices*

October 21: Dr F. Naghdy, *Ripeness measurement of soft fruits*

All seminars are held in room 35/G45 at 12.35pm. For further information please contact Philip Ogunbona on 3403.

## Department of Management

Postgraduate Research Seminars

August 9: Dr A B Sim, *Interrelationships of strategy and control system attributes*.

12.30-1.10pm, Building 40, Room 130. Enquiries: Dr M Jabri, ext. 3647.

## Department of Mechanical Engineering

August 9: Dr Keith Enever, BHP steel-coated products division, *Pressure surges in pipe systems*.

Building eight, Seminar Room, 4.30pm.

## Department of Philosophy

Colloquia

August 16: David Lewis, Princeton, *Evil for freedom's sake*, Room 1034, Level 1, Building 19, 3pm.

August 23: John Quilter, Australian Catholic University, *Title of paper to be advised*, Room 1034, Level 1, Building 19, 2pm.

October 4: Justin Oakley, Centre for Bioethics, Monash University, *Title of paper to be advised*, Room 1034, Level 1, Building 19.

## Department of Psychology

August 20: David Roland, Canberra Institute of Arts, *Can psychologists help musical performers manage performance anxiety?* 12.30-1.30pm Building 19. Room 1056.

## Education Policy Program

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 design education: Implication of educational policy*.

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

### Faculty of Education

August 19: Victoria Foster, author, *'Different but Equal? Dilemmas in the Reform of Girl's Education'*. 12.15-1.30 pm [Seminar begins at 12.30pm]. 21:101.

Coffee and tea provided. Enquires to Associate Professor Noeline Kyle, ext. 3374.

### MOLAB

Seminar series No. 2

August 7: Dr Barry Harper and Associate Professor John Hedberg, *Educational implications of multi media*. 12.30-2.30pm. Pentagon 4.

### Royal Australian Chemical Institute (RACI): Wollongong Branch

August 6: Paul Schober, Peptide Technology Ltd, *Enzymatic Peptide Synthesis: An Overview*. 5.30pm Conference Room 2/3 Illawarra Technology Centre.

### School of Creative Arts

Research Colloquia

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.

## 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

'79 Sigma s/wagon. Good condition. Automatic. 5-speed. Radio/cassette. Reg Oct. \$2950. Tel. 67 2540 (ah).

#### FOR SALE

Ladies Mitchell bike. \$50. Elaine, ext. 3491.

#### FOR SALE

1984 Camira SLX. Very good condition. Tel D Fuller 26 5410 (ah) or ext. 3851.

### The Menzies Foundation Scholarship in the Allied Health Science

This scholarship is offered to post-graduate students at an Australian university for two years full-time study. The purpose of the scholarship is to stimulate research by persons working in the health field in disciplines other than medicine. The University closing date is 6 September. The External closing date is 20 September.

### Mining and Quarrying Industries Fund Occupational Health and Safety Research Grants

Applications are called for: Education in the field of occupational health and safety in the mining and quarrying industries; to assist person or organisations working to prevent, alleviate or treat the kinds of disabilities suffered by workers in these industries; or any other activity that could directly or indirectly improve occupational health and safety in these industries, or assist the rehabilitation of disabled workers. The University closing date is 30 August. The External closing date is 13 September.

### Dept of Employment, Education and Training

Visiting Fellowships 1992/93

Submissions are called for nominations of eminent scholars to visit Australia in 1992/93. Awards are for one to three months and may not be deferred nor extended. The External closing date is 7 September.

### Dairy Research and Development Corporation

Preliminary Research Submissions 1992/93

Submissions for new projects commencing in 1992/93 are called for in the preliminary stage only. The External closing date is 30 September.

### The Duke of Edinburgh 7th Study Conference

Nominations for Invitations

Nominations are called for the above conference to be held at Oxford University in July 1992 on the theme of International Issues, Individual Initiatives. All travel and accommodation costs will be met by the conference organisation. The External closing date is 30 September.

### Bureau of Industry Economics and Small Business Research Unit

Small Business Research Award 1991/92

This award of \$10,000 is to support the execution of an original small business research project relevant to the development of Australian small business policy.

## 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 Graduate Office.

The resulting paper will appear in the Small Business Review. The External closing date is 23 August.

### Australian-American Educational Foundation

1992 Fulbright Awards

Awards are now available for study, research and lecturing in the USA. The various categories are: Postgraduate Student, Postdoctoral Fellow (up to 12 months), Professional (for 4 months, topic for 1992 is Business Management and Industrial Relations), Senior (short term visit, such as conference, seminar, master classes). The External closing date for all awards is 30 September.

### Australian Postgraduate Research Awards

Postgraduate Scholarships 1992

Applications are called for scholarships for full-time students undertaking a research only degree, eg Masters Honours by research or Doctor of Philosophy. Applicants must be Australian citizens, with an Honours II, i or the equivalent. Part-time applications will be considered only with exceptionally good reasons.

### Previously Advertised Closing Date

The British Council Travel Grants	Any Time
Australian Academy of Humanities (Publication Subsidies)	Any Time
Clive and Vera Ramaciotti Travel Grants	Any Time
Criminology Research Grants	Any Time
Aust. Institute of Agricultural Science Travel Grants	August 9
Sir George Murray Prize	August 9
Harkness Fellowships (USA Travel and Study)	August 16
Multiple Sclerosis Society P/Grad Scholarship	August 16
Nuffield Foundation Fellowships 1992	August 30
AFUW Queensland Inc Scholarships	September 20

## What's On

■ The University of Wollongong Conservatorium of Music is holding a **Celebrity Concert** on August 9 at 8pm in the University Music Auditorium. The concert features Conservatorium staff members Phillida Green (piano), Nan Price (piano), Andrew Malec (oboe), Hugh Webb (trumpet) and Keith Hempton (bass). Inquiries 28 1122 or 21 3533.

■ The Department of Creative Arts is holding two **free public exhibitions** this month. The first, from August 2-18, is called Wild West Show. This exhibition features work by West Wollongong TAFE art staff. The official preview will be on August 1 from 7-8.30pm. The second exhibition, featuring work by Gowri Nayak and Gillian Broinowski, will run from August 22 to September 8. This exhibition will be opened by the High Commissioner of India, A.M. Khaleeli, on August 21 at the preview from 7-8.30pm.

■ The next **staff forum** to discuss matters important to the development of the University will be held on Wednesday August 14 at 12.30pm. This forum will discuss equal opportunity and affirmative action issues relating to female staff.

■ The School of Creative Arts has announced its program for **The Art of Lunch** for session two. The program includes: August 8: Children's author and biographer Nadia Wheatley will read from her work. August 15: A presentation by jeweller Anne Brennan, artist-in-residence. August 22: Performer-in-residence, American pianist Roman Rudnytsky gives a recital of music by Brahms, Villa-Lobos, Albeniz and Liszt. August 29: John Cage's Variations IV presented by third-year music students. September 5: Bass singer Keith Hempton, now lecturer-in-charge of the Conservatorium, sings Mozart, with associate artist David Vance. September 12: Adah (Shuk Ling Yu) will demonstrate Chinese opera make-up, costume, dance, acrobatics and song. September 19: A recital by prominent violinist Hartmut Lindemann. September 26: Visiting pianist Eugene Gienger plays music by Beethoven, Schultz and Brahms. October 17: The Beijing String Quartet plays works by Yi Sun, Mozart and Schultz. October 24: a presentation of the

Interdisciplinary project Artscape. October 31: Third-year acting students preview their professional auditions.

■ **Open Day - Sunday August 25.**

■ **Postgraduate Open Day 1991** will be held on September 6. The purpose of the day is that members of the University community can learn about the range and quality of research being conducted on campus. Emphasis will be on either poster/display or short oral presentations. It is expected that only 10 oral presentations will be held. For any information contact Denise Stevens in Academic Services.

■ A **concert** of outstanding musicians of the School of Creative Arts' music strand will be held on September 7 at 7.30pm in the Music Auditorium. Works include Beethoven, Mozart, Bach, Grieg, Faure, Bizet and Verdi. Admission is \$7 for adults and \$4 for pensioners or students. Children are free. Bookings: tel. 28 8964

■ The **Australian and New Zealand History of Education Conference** will be held at the University of Wollongong, from October 3-6. All papers will be presented in Kemira Rooms and Union Board Room. The ANZHES Conference invites papers on the theme of biography and autobiography in the history of education. For more information contact Associate Professor N.J. Kyle, ANZHES Conference 1991, PO Box 1144, Wollongong, NSW, Australia 2500.

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

■ A **course** to give science professionals confidence in dealing with the media is being held from September 10 until October 19. Communicating Science Through the Media is being held at the University of Technology in Sydney. The cost is \$825. Inquiries (02) 281 8563.

## Women's engineering lifestyle workshop

AN ENGINEERING lifestyle workshop, aimed to promote women in engineering, was held at the University last Friday.

This is the second year the workshop has been held. It is designed for women enrolled in engineering and Year 12 students intending to enrol in engineering next year.

The workshop was hosted by the Women in Engineering Network (WIEN); The Faculty of Engineering; the Institution of Engineers, Australia; and the University of Wollongong

Counselling Service.

The workshop focused on the aims of WIEN which include providing role models for students, encouraging the continued enrolment of women students in engineering, and promoting engineering as a potential career for women.

Guest speakers at the Workshop included Ms Tricia Shanahan, 1991 President, WIEN; Ms Lynn Caron-Townsey, Electrical and Communications Engineer, OTC; and Ms Lillian Ng, Final Year engineering student at UTS.

## Stop Press

### Colorado College New Music Ensemble

August 14, Music Auditorium 7.30pm \$10 and \$5 concession.

10 pianists and one piano!