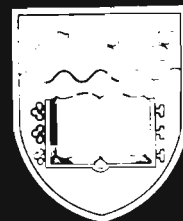


UNIVERSITY OF WOLLONGONG CAMPUS NEWS



Number 28

September 25, 1991

Impressive research on show



Co-ordinator of Postgraduate Students' Open Day, Associate Professor Jim Whelan, with Tai Theam Ting a postgraduate student from the Department of Civil and Mining Engineering

THE Graduate Faculty held the University's annual Postgraduate Students' Open Day last month.

An impressive range of research programs were on display which highlighted some of the University's research strengths. The aim of the day is three fold:

- It gives postgraduate students the opportunity to practise explaining their research to lay people and researchers from other disciplines - a talent that is becoming increasingly important when making submissions for funding,

- It allows researchers to identify programs in other departments that may relate to their own interests and thus contributes to a cross fertilisation of ideas, and

- It gives members of the general public the opportunity to see what is involved in university research.

The Deputy Vice-Chancellor Professor Gerard Sutton said when opening the display that the University's status in the next five years would be determined primarily by its profile in research and postgraduate studies.

THE University of Wollongong has an excellent record in providing a safe and secure environment.

Maintaining this environment for students, staff and visitors is a major objective which everybody associated with the University would endorse and support.

In recent years the University has been committed to a program of progressive improvement to security on campus.

The security budget is more than \$750,000 per year. In the past four years we have nearly doubled the size of our security team to permit 24-hour/seven-day coverage; launched a major lighting and pathway improvement

Campus security is a co-operative effort

program; and secured the co-operation of local bus operators in improving services.

Each hall of residence has its own bus service to and from the campus.

Under way at present is the installation of an emergency telephone service. Telephones will be placed in strategic external locations on campus with access to security, OOO Emergency and the local taxi service.

The location of these telephones will be circulated widely around the campus.

The University firmly believes that for a community exceeding 11,000 people the safety record on campus compares very favourably with that of other universities and with communities of similar size.

This view is shared by the Wollon-

Continued page four

Brief News

THE Training and Professional Division of the Illawarra Technology Corporation is well underway towards establishing its management courses for middle managers in the Commonwealth, State and Territory governments.

A contract was signed in May this year with the Public Service Commission to design and develop these courses.

Last week Professor Michael Hough, the academic co-ordinator for the courses, conducted a two-day workshop for representatives from most states and the ACT who will act as co-ordinators and trainers.

A pilot program will be conducted during September to November in preparation for the start of the courses early next year.

THE Department of Management is holding a careers day on Tuesday, October 22.

The purpose of the day is to create an awareness of marketing among the undergraduate business and commerce students and particularly those students who have not yet decided what subject area to major in.

Outside speakers have been invited to ensure that the day is careers orientated.

Students need to know what it is like out there in the business world. What does Australian business people expect from the marketing experts?

Speakers will give their personal views on the marketing profession and future career opportunities and provide practical "hands on" knowledge that students cannot obtain in a university course. Staff members are welcome to attend. Contact Janet Hall, ext 4145.

THE Department of Nursing of the University of Wollongong, and the Illawarra Area Health Service are hosting a Nursing Symposium on Psychosocial Issues in Community Health Nursing at the University of Wollongong on Thursday October 10.

Correction - Council Elections

The election of members of the University Council from the following categories will be held over the next few months:

- * Student (one member)
- * Academic Staff (one member)
- * Convocation (two members)

The category of Non-Academic Staff member was incorrectly included in the notice in the Campus News of September 18. This position does not become vacant until November 1992

The Schedule for the elections is as follows:

Members	Close of Nominations
Student	October 11
Academic Staff	November 6
Convocation	October 23



Head of the Department of Business Systems, Dr Graham Winley (left) watches as Insiah Bourke and Michael Cordon receive their Apple Awards from Gary Kelly of the Information Technology Services

BUSINESS Systems graduates, Michael Cordon (1989) and Insiah Bourke (1990), were presented with the Apple Award recently by Mr Gary Kelly from Information Technology Services.

The award, consisting of an engraved medallion and a \$100 cheque, is made annually to the most outstanding graduate from the Associate Diploma in Computer Applications.

Both recipients acknowledged the value of the award and the recognition given to it by employers in the computing industry.

For further information contact Dr Felix Yuen, Illawarra Community Health Nursing Symposium, C/- Nursing Department, tel. 21-3576, or Mark Coleman, Health Development Unit, tel. 97-1622.

ARE you an undergraduate student? Have you satisfied the computer component of the University's Computer Literacy Policy? If not, this may be your last chance to do so for 1991.

ITS (Ground Floor, Building 15) will offer its final series of Computer Beginners' Courses for 1991, during the Spring Session Break i.e. September 30 to October 11.

Please complete a booking form now (available from ITS) or ring Kevin (042) 213816 or Carole (042) 213850 for further information. University staff are most welcome to attend these courses.

MOST people have heard of radical experiments in job design at Volvo.

Some have heard of the recent establishment of the Uddevalla assembly factory in Sweden, where they have, in the words of Britain's Financial Times, gone 'Back to the Future'.

In this factory groups of workers assemble whole cars in a form of organisation that goes back to traditional craft days.

The definitive study of all the major Volvo experiments in this area has been written by the Swedish expert Christian Berggren, who will be presenting a paper to the Science and Technology Analysis Research Program seminar at 12.30 on Thursday November 26 in room 19.2003.

The subject of this talk will be 'Lean Production: The End of History?', in which Dr Berggren will take on the recent enthusiasts of the 'Japanese' form of manufacturing and discuss the extent to which all countries (including Sweden and Australia) are necessarily forced to adopt this one global method of production.

For further information on Dr Berggren's paper and visit, ad any requests to speak to him informally, please contact Dr Richard Badham of STS (phone number 3634).

American engineering body gives awards to Wollongong

THE University of Wollongong is the first institution in Australia to receive prestigious awards from the Minerals, Metals and Materials Society (TMS) of the United States of America.

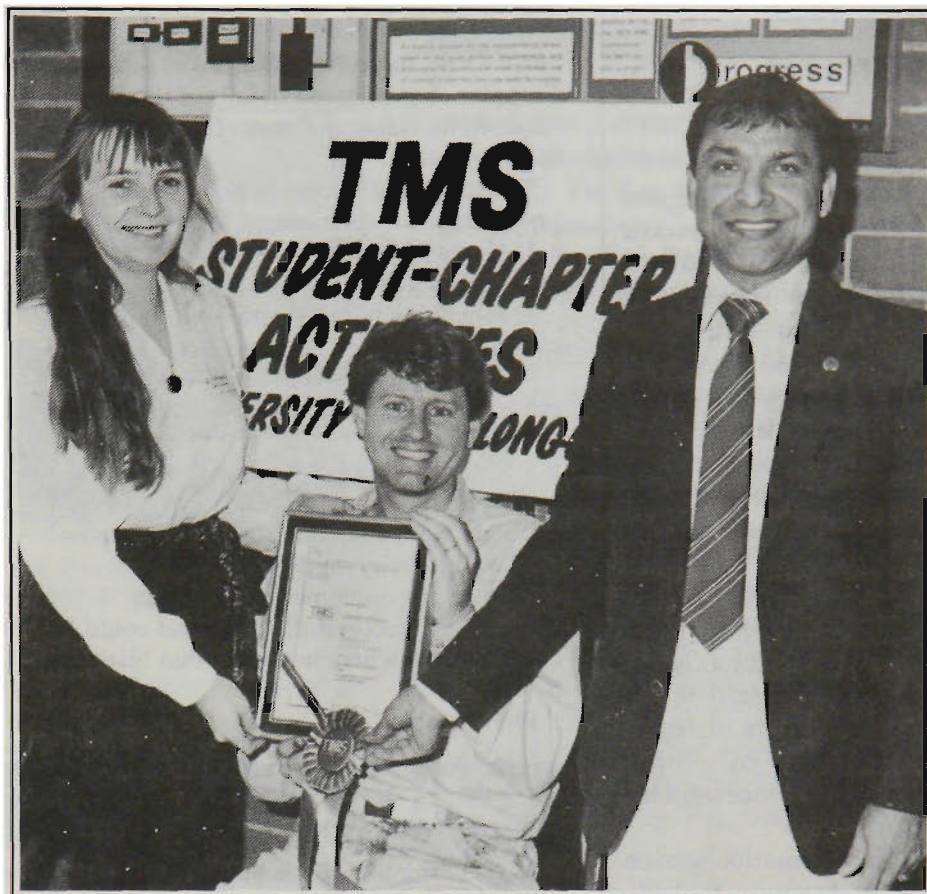
TMS is the largest, non-profit professional materials body in the USA.

It has student chapters at academic institutions in Europe, North America, Asia and the Pacific.

Other institutions to receive such awards are Ohio State University, University of Florida and Stanford University, all in USA.

Two awards, 'the Chapter of Excellence' and 'the Best Chapter 1990' were given in recognition of the scientific and technical activities of the TMS Student Chapter at this university.

The University of Wollongong



Officials of the University of Wollongong chapter of the Minerals, Metals and Materials Society (from left) Elizabeth Hoggan (secretary), Paul Kelly (president) and Dr Tara Chandra

Chapter was established in 1989 under the guidance of Dr Tara Chandra, the Faculty of Engineering adviser to the Chapter.

Dr Chandra received the award on

behalf of the University at the Annual Dinner of TMS in New Orleans earlier this year. The award consists of a mounted plaque, a blue ribbon and a cheque for \$US400.

'Rite of passage' for theatre opening

THE official opening of the New Theatre at the Western end of campus will be celebrated on October 11 with a concert performed by students and staff from the School of Creative Arts and the Conservatorium, and invited professional artists.

The theme of the opening concert is twofold - a celebration of the event itself, and a celebration of the School of Creative Arts.

The New Theatre is not only usable as a lecture theatre, but also houses the necessary facilities to function as a professional lyric theatre.

This gives the School of Creative Arts an alternative venue for its productions, and provides a space for the University to host visiting artists and theatre companies, both local and from beyond the Illawarra.

Thus part of the focus of the evening will be on the theatre itself, drawing attention to the possibilities it gives the University.

For the School of Creative Arts, the Opening Concert will be a celebration of developing creativity. It will focus on the link it provides between the academic and the world of professional arts. This will be performed as a "Rite of Pas-

sage", describing the growth from student to professional.

Coordinator for the School's involvement, John Senczuk, says the philosophy behind the concert is the metamorphoses "from potential to expertise. For every professional we've invited to participate, there will be a student who has the potential to achieve that expertise."

Consequently, for each item of the concert, students and invited artists will perform together.

Among the professional artists who will be performing are Graeme Murphy and Janet Vernon from the Sydney Dance Company and singer Geraldine Turner.

Invited guests include well-known critics and representatives of Australian art societies, to publicise both the Theatre and the School, and to bring Creative Arts into its context in the art world.

The programme will be compered by Liz Jeneid, Head of the Visual Arts Strand, and Keith Hempton from the Conservatorium.

The New Theatre will be formally opened before the concert at 5pm by the Governor-General the Honourable Bill Hayden AC.

Staff award forum

A FORUM on the progress of General Staff Award Restructuring will be held in Pentagon Theatre 4 at 12.30pm on Thursday, September 26.

The Forum will give staff an opportunity to learn about developments in award negotiations, what has happened and what is planned for the future.

The Forum will be an information session, however, there will be a chance for interested staff to address questions to representatives of both Personnel Services and the P.S.A.

This information session will endeavour to keep staff informed of current developments pertaining to their employment.

If you want to know more about the Forum, please contact Ann Kiceluk, Acting Personnel Officer, on 3798.

Research fund submission details

PRO Vice-Chancellor, Professor Lauchlan Chipman, has released details of the format required for National Priority (Reserve) Fund Submissions

The following format is to be used in the preparation of submissions:

- 1) Name of Institution(s) involved
- 2) Project Title
- 3) Whether it is Part A and/or Part B application.
- 4) Identification of relationship with one or more of the 1992 priority areas.
- 5) Objective(s)
- 6) Rationale: purpose; correlation between proposal and the University's profile and strategic plan; and commitment to proposal by the University and/or Universities
- 7) Intended outcomes and benefits
- 8) How, if successful, the project could be emulated elsewhere in the Unified National System.
- 9) Timetable

10) Proposed monitoring/ evaluation: costs to be included and identified in Budget

11) Contact Officer and Contact Number
a) within Academic Unit
b) within Planning and Marketing (Mr Canio Fierravanti, tel: 042 - 21 3373)

12) Detailed Budget
a) costs to include: Labour, Equipment, Materials, Travel, Overheads

b) Breakdown of DEET, University of Wollongong, and - if applicable - other institutional or industrial contribution.

Costing should be in 1991 prices. In calculating the University's overheads (power, space etc.) add in a third of total cost (labour, equipment, materials and travel).

To meet DEET Guidelines on presentation, the maximum length for a proposal should be restricted to two pages (excluding the Budget and letters of support from any collaborating bodies).

Enquiries: Canio Fierravanti (ext3373).

eEO news

THE EEO Disability sub-committee would like to draw attention to some of the problems experienced by disabled students and staff on campus.

The indiscriminate riding of bicycles and skateboards by some people poses a danger to the most able-bodied among us. How much more of a threat is posed to people who are less nimble?

A recommendation has been made by the Disability sub-committee that bikes should in future be walked within the campus, due to the dangerous manner in which they are being used.

Concern has also been expressed at the lack of consideration shown to the disabled, particularly when accessing buildings which do not have automatic doors.

Reports have been received of people in wheelchairs being hit by doors due to inconsiderate behaviour by people who enter before them.

The Disability sub-Committee would like to ask staff and students of the University to be more aware of safety issues by considering the needs of the disabled and to be willing to provide them with assistance when necessary.

FAYE FRANKLIN, Acting Equal Opportunity Co-ordinator

Campus security needs co-operation

From front page

gong Police. We will continue to work vigorously to maintain, and indeed improve, the level of safety on campus.

However this issue is too important and too wide-ranging to be the sole responsibility of the University's administration; it requires the active commitment of all of us.

Inevitably, as in any community, there will from time to time be incidents we all regard as undesirable, both on and off the campus.

It is in these circumstances that the University's administration needs the commitment and support of the whole University community, both students and staff.

In a practical way, all campus users can help maintain personal security in the following ways:

- Report any suspicious incidents immediately to either Security, Wollongong Police, or the Counselling Service.
- Be sensible, especially at night. Walk with a friend, offer to accompany a friend, use the University Security Escort Service which is available to escort campus people to the carparks at nights.
- Use main pathways where ever possible and the well lit walkways.

■ Use bus services, especially the ones connecting the residences. Timetables are available from the residences.

The Security Service is located at the northern end of the Administration Building.

Security staff are equipped with radio and telephone equipment so that they can be reached quickly.

Telephone numbers	Base	Mobile
Internal	3936	6045
External	213 936	018 421 283
		(Accessible on STD phones)

Counselling Service Internal ext.3445,3446 or 3447.
External 213445/6/7

City Emergency Services (Police) Telephone 000

The University has a major commitment to providing students and staff with a secure environment in which to live and work. Please help us to maintain a safe and friendly campus for us all to enjoy.

Computer system planned for port management and planning



Commerical Manager, MSB Ports Authority, Warwick Reader, (left) with Manager of the National Teaching Company Scheme, David Mitchell and Dr Ross Robinson, Centre for Transport and Policy Analysis

THE Illawarra Technology Corporation's Centre for Transport Policy Analysis and the Illawarra Ports Authority have been awarded Commonwealth Government funding under the National Teaching Company Scheme.

The director of the centre, Dr Ross Robinson, said the award had been made to develop PORTINFO - a port management planning system.

The aim of the project is the development of an effective desktop management and planning tool comprising powerful graphics, statistical and modelling components.

The computer package will be capable of reproducing maps, diagrams,

photographs and technical drawings of the port, its berths, navigation channels and buildings and will enable the monitoring of port operations.

Dr Robinson said the ability to constantly update port information will enable port managers to assess port performance and identify port and operational problems as they arise. The computer package, developed at a cost of \$100,000 over two years, will be funded by the National Teaching Company Scheme for an amount of \$50,000.

The balance will be funded by the Illawarra Ports Authority and the Centre for Transport Policy Analysis.

Centre for Staff Development Workshops

October 16: Jan James, CSD. *An Introduction to Time Management*. This course is designed to increase skills and improve attitudes to time management. 9am-1pm. Staff Training Room, Administration Building

October 22 and 23: EEO Co-ordinator, Dr Peg MacLeod, *Conflict Resolution*. This two-day workshop offers staff the opportunity to explore the nature and causes of conflict and develop creative ways of dealing with it. 9am-4pm. Staff Training Room, Administration Building.

November 13 and 20 and December 4: EEO Co-ordinator, Dr Peg MacLeod, *Personal Effectiveness Training*. This workshop will emphasise the development of self-awareness, self-confidence, decision-making and communication skills. 9.30am-1pm. Staff Training Room, Administration Building.

October 2 or 8: *Business Travel - Fares under Deregulation (Australia and overseas)*. After the success of last year's Business Travel seminar, another has been scheduled - this time with a slightly different emphasis and at a different venue. The seminar will cover cost-saving strategies, an explanation of fares and services available through National Australia Travel (the University's appointed travel agency) plus a guided tour of the hotel including their seminar and convention facilities. Light refreshments will be provided by the Parkroyal.

October 17 and 24: Maxine Lacey, Counselling Centre, *Successful Office Management*: A course for Administrative Assistants (formerly secretaries). This course is designed to increase the confidence of Administrative Assistants in their workplace interactions with clients, peers and supervisors. It will be achieved through an understanding of the communication process and the refinement of interpersonal and problem-solving skills. 9.30am-1pm. Staff Training Room, Administration Building.

Full descriptions of the workshops can be obtained on request. Nomination forms should be forwarded to Jan James, Staff Development Officer, Bldg. 19. G041.

Seminars

Centre for Advanced Manufacturing and Industrial Automation

October 23: Dr Ken Russell, *Statistical Techniques for Manufacturing*.

November 8 and 15: Dr Peter Gibson and Paul Bryant, *Accreditation (Quality Standards)*.

November 14: Dr Yixin Yao, *Condition Monitoring in Manufacturing*.

November 27 and 28: Professor G. Arndt, Ross Kennedy, Rex Honey, *Total Productive Maintenance*.

December 2: Dr Des Tedford, *Industrial Ergonomics Today*.

December 3: Dr J.D. Tedford, *Project Planning and Control*.

December 4, 5 and 6: Professor G. Arndt, Dr P. Gibson, *Advanced Quality Techniques*.

December 10: Dr S. Ghahreman, Dr C. Gulati, *Introduction to Statistical Process Control*.

All of the seminars will take place at the Wollongong Surf Leisure Resort Conference Centre, Pioneer Road, Fairy Meadow starting at 9am.

Department of Accountancy

September 27: Sultan Mohiuddin, Department of Accountancy, University of Wollongong, *Ownership difference and hospital performance: A theoretical perspective*.

October 4: Vivienne and Kathy Cooper, Department of Accountancy, University of Wollongong, *Software development in accounting education*. 11am-12.30pm in Commerce Microcomputer Laboratory 3, 2nd Floor, Building 40.

October 18: Bruce Reswick, Associate Professor of Finance, Indiana University School of Business, *The globalisation of world financial markets*.

Seminars are held in the Faculty of Commerce Building 40, Room 224 on Fridays from 2-3.30pm unless otherwise stated.

Inquiries to Associate Professor Hai Yap Teoh, Seminar Convenor, tel. 21 3625.

Department of Biology

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 purpureescens**.

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*

Continued page six

From page five

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 Business Systems

October 18: Hugh Springford, Client Computer Systems Development, Coopers and Lybrand, *Some key factors and decisions in the operation of a commercial software development group: a personal perspective.* 12.30pm Kemira Room 4.

Department of Civil and Mining Engineering

Research Seminar
September 26: M. Mortazavi, *Load Capacity of Curved Members*
October 10: R. Dehdasthi, *Behaviour of Space Trusses*
October 17: S. Rao, *Longwall Dust Control*
October 24: Associate Professor Y.C. Loo, *Structural Engineering and Construction Research Program, Punching Shear Strength of Reinforced Concrete Flat Plates with Spandrel Beams*
October 31: D.W. Xu, *Geotechnical System Reliability*
All seminars will be held in photogrammetry room, building 4, room 138 at 12.30pm.
Enquiries: Mrs Judy Thompson, ext 3040.

Department of Economics

October 23: Lino Briguglio, Department of Economics, University of Malta, *Issues in labour economics.*
October 30: Frank Huynh, Department of Econometrics, La Trobe University. *Commodity Concentration and Exports Earnings Instability: A Stochastic Approach.*
November 6: Richard Bryan, Department of Economics, University of Sydney, *Coal Mine Closures.*
All seminars 11.30am-pm. Room 40.224 (unless otherwise stated).
Enquiries: Associate Professor Tran Van Hoa. Office: 40.207, Fax: (042) 21 3725, Ph: (042) 21 3659.

Department of Electrical and Computer Engineering

September 27: Dr Mike Jane, Director of UK transputer initiative, *Engineering*

applications of transputers. 12.35-1.25pm 35.G19.

Staff/Postgraduate Research Seminars
October 14: Dr B.S.P. Perera, *Finite element analysis of EM devices*

October 21: Dr F. Naghdy, *Ripeness measurement of soft fruits*
Seminars are held in room 35/G45 at 12.35pm. For further information please contact Philip Ogunbona on 3403.

Department of Human Movement Science

Research Seminar Program
September 25: Dr Mark Anshel, *Examination of the Processes Underlying Warm-Up Decrement.*
October 16: Associate Professor Peter Bolton, *Blood, Sweat and Silicon.*
October 23: Professor Tony Parker, *Adaption of Skeletal Tissues.*
October 30: Mrs Julie Steele, *Relationship Between Movement Patterns Performed in Match Play, and in Training, by Skilled Netball Players.*
All seminars to be held in the seminar room, building 39.2 (ITC), at 12.30pm on Wednesdays. Enquiries to Dr Mark Brown (ext. 3495).

Department of History and Politics

September 25: David Christian, Macquarie University, *Making sense of Perestroika - an interpretation of the Soviet experience.*
October 16: Melanie Beresford, *Southeast Asian trade unionism and Australian perceptions.*
October 23: Komla Tsey, *Creating a working class in a subsistence society: the case of railway construction workers in the Gold Coast (Ghana), 1898-1930.*
October 30: Eric Andrews, Newcastle, C.W. Bean and Bullecourt: *film-making and historical research.*
All seminars take place at 5.30pm, Wednesdays in Room 19.2043.
Enquires: Melanie Beresford, ext. 3669.

Department of Management Postgraduate Research Seminars

October 18: Kwaku Atuahene-Gima and Paul Patterson, *Managerial Perceptions of Technology Licensing as an Alternative to Internal R & D.*
October 24: Professor David Greatorex, *Styles of Management.*
October 31: Dr Gail Graham, *International Students: Opportlems or Probunities?*
All seminars will be held in building 40, room 130 at 12.30pm. For addi-

tional information contact Dr Muayyad Jabri (ext. 3647).

Department of Mechanical Engineering

Postgraduate Student Seminars
October 18: Professor G. Arndt, Professor of Manufacturing Engineering and Director, CAMIA, *New techniques in manufacturing management and their adoption in Australia,* 4.30pm.

Department of Philosophy

Colloquia
October 18: (Tentatively) Justin Oakley, Centre for Bioethics, Monash University, *Altruistic Surrogacy and Informed Consent.* 2pm, Room 1034, Level 1, Building 19.

Department of Physics

September 26: Dr W.J. Zealey, Department of Physics, University of Wollongong, *Imaging in the Physics Department*
October 8: Professor H.H. Denman, Department of Physics, Wayne State University, USA, *Symmetries, Integral Invariants and Lagrangians for Dissipative,*

Continued page eight

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.

TO LET

Fully furnished and equipped 4br house in English Lake District, oak beams, central heating, ample study space, 2 bathrooms, spacious kitchen, separate laundry. £350 per calendar month. Available early January 1992 for six-month or one-year let. Tel: UK 0229 716808.

ESSAY WRITING TUTORING

Professional help at reasonable rates. Tel. 84 4312 evenings.

FOR SALE

Carpet, two rooms (approx. 12 feet square) of blue nylon carpet and foam underlay. Very good condition. \$75 each. Tel. 28 3807 (ah)

University Research/Program Grants 1992

All application forms, initial and renewal, are now available from the Graduate Office for University Small Grants (under \$500), University Program/Group Research and University Project Grants. Applicants are strongly advised to read the document "Research Programs and Projects - Guidelines for Review in 1991; Strategy for 1992 and Beyond. The University closing date is October 31.

National Heart Foundation

Postgraduate Science Research Scholarships - Applications are available for postgraduate students undertaking PhD studies in science at an Australian university. The research work should be concerned with cardiovascular function or disease or related problems. Applicants are expected to hold at least an upper division second class honours degree. The University closing date is October 18.

Urban Water Research Association of Australia

Research Funding 1992/93 - Submissions are called for research proposals for funding in 1992 relating to the provision of water supply, sewerage, drainage and industrial liquid waste services. Applications should be in conjunction with a metropolitan, regional or State water authority. The University closing date is October 18.

Aust. Telecommunications and Electronics Research Board

1992/93 Research project Grant

Applications are called for research grants in the following areas: Telecommunications Transmission and Terminal Systems; Communication Theory and Applications; Switching and Signalling Systems; Software for Communications Systems; Integrated Communications and Networks and Distributed Information Systems. University closing date is November 22.

Canadian Studies Program

Natural Sciences and Engineering Research Council of Canada

International Fellowships

Applications are called for PhD graduates in the natural sciences or engineering to spend up to two years engaged in research at a Canadian university. Applicants must hold or be about to receive a doctoral degree in science or engineering from a foreign university (eg Australian) and the PhD should not have been conferred more than 5 years ago. The External closing date is December 1.

Australian Vice-Chancellors Committee

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.

Australian Bicentennial Scholarships and Fellowships Scheme

Laporte Centenary Scholarship

Applications are called for the above scholarships and fellowships. The Bicentennial scholarships are based in the United Kingdom in 1992/93. Applicants must be enrolled as a postgraduate student in Australia and should hold a high level honours degree. Applicants for the Bicentennial Fellowships should have a good postgraduate degree and be seeking to further their education or professional experience but not enrolling in a further degree. The awards are held for up to four months.

The Laporte Scholarship is for postgraduate students in science based discipline (prefer Chemistry as sponsor is Laporte Industries). Applicants would spend up to six months in the United Kingdom at any university or other tertiary institution to undertake a research project capable of being carried out at the host institution. The University closing date is October 18.

Kobe Steel Scholarship 1992

Postgraduate Study at Oxford University

Applications are called for the 1992 Kobe Steel Scholarship for two years of postgraduate study at Oxford University. The purpose of the scholarship is to strengthen ties between the United Kingdom, Japan and Australia. Recipients of other scholarships may not apply for the Kobe Steel scholarship. The External closing date is October 31.

Meat Research Corporation

Postgraduate Awards 1992

A number of awards are available for students to undertake postgraduate study in 1992. The awards aim to facilitate research and training in areas of value to Australian beef, sheepmeat, goatmeat and buffalo industries. Awards include MRC Studentships for p/grad diploma or Masters courses for a maximum of two years; MRC Junior Research Fellowships for doctoral studies for a maximum of three years; and MRC Study awards for "sabbatical" type training for established professionals for a maximum of one year.

Applicants must be permanent residents. The External closing date is October 15.

Australian Coal Preparation Society NSW Coal Preparation Scholarship 1992

Applicants for the above scholarship must be enrolled as an honours student (eg Bachelor of Science Honours, not postgraduate honours) for 1992. The applicant needs to be planning to undertake a coal preparation related project and include some subjects in the fields of processing and energy. External closing date is November 30.

Publications Received at the Graduate Office

Meat Research Corporation Project Guide 1990/91

The Spencer Foundation Newsletter September 1991, A publication reporting on research activities in Education

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
Japanese Science and Technology Awards	Any Time
Swiss Government Scholarships 1992/93	September 27
Bilateral Science and Technology Collaboration Program	September 27
Renison Goldfields Scholarships 1992	September 30
Asthma Foundation of VIC Research Grants	September 30
Telecom Postgraduate Fellowships	September 30
Sugar R and D Project Grants 1992	September 30
Rural Industries R and D Proposals 1992/93	October 4
Australian Postgraduate Course Awards	October 4
C/Wealth Scholarship Plan 1992	October 11
Criminology Research Projects	October 11
Lionel Murphy Postgraduate Scholarships	October 11
ATERB P/Grad Scholarships 1992	October 18
University Postgraduate Research Awards	October 31
Australian Postgraduate Research Awards	October 31
University Research/Program Grants 1992	October 31
Frank Knox (Harvard) Memorial Fellowships	November 1
International Conference Support Scheme (DITAC)	November 1

What's On

■ The School of Creative Arts Art of Lunch program includes: 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.

■ The Friends of the University Graduates Group is holding its next monthly book sale on September 28 and 29 at their Campus East, Fairy Meadow shop (opposite the Science Centre) from 1-5pm each day. Mixed texts, fiction, sheet music and books for children will be available. The Friends also invite donations of unwanted material which may be left at the Science Centre any weekend afternoon. Enquiries: tel. 29 1951 or 21 3110.

■ The 25th annual meeting of the Australian University Graduate Council will be hosted by the University of Wollongong from October 11-13. The council is a national body representing graduate organisations from universities all over Australia. Delegates will include graduates and alumni administrators and topics to be addressed

range from current issues in higher education to specific areas within alumni relations. The meeting is being organised by the Alumni Office and the Graduates Group of the Friends. Further details are available from Juliet Richardson, Alumni Officer, ext.3249.

■ 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 the 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.

■ The next meeting of the Illawarra branch of the Australian Federation of University Women will meet on October 2 in the Union Board Room at 6.30 pm. Guest speaker will be Carole Parker who is a

musician and conductor of Wollongong Conservatorium choirs. AFUW's annual dinner will be held on November 6 in the Union Bistro. Guest speaker will be Wendy Machin, MLA, Member for Manning. Enquiries: Carol Williams, ext.4081 or Kim Draisma, ext.3896.

■ Graduation Ceremonies - October 10-11. Opening of Building 40. October 11.

■ Agenda deadlines for meetings of the University's ethics committees are: Human Experimentation Ethics Committee: October 27 and December 7.

■ Upcoming events for the Illawarra Committee for Overseas Students are: November 30: Australia Wonderland \$15 and \$10. Selling date: October 16. Please bring your student ID card and correct money when you purchase your ticket. Tickets are non-refundable. Persons participating in ICOS activities are responsible for themselves in case of injury or accident. Tickets and details are available from the ICOS office in the Union Building next to the Careers and Appointments Service, Tuesday, Wednesday and Friday 9.30am-2pm. Tel. 21 3158 or ext. 3158.

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Non-linear Systems.

October 17: Dr R Haynes and Dr J. Harnett, CSIRO ATNF, *Three New International Research Proposals and Southern Hemisphere Galaxies*
Seminars held in Building 18.118 (Physics Lecture Theatre) 12.30-1.30pm.

Department of Public Health and Nutrition

October 15: Dr David Jeffs, *A systems approach to asthma management*
October 22: Professor Dennis Calvert, *Consensus building for a national policy in the treatment of hyperlipidaemia.*
Location: Building 19 Room 2061; 12.30-1.30pm.
RSVP and enquiries: Linda Tapsell, ext.3052.

Education Policy Program

September 27: Dr John Patterson and 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: Nita Temmerman, *Perception of the music community about the role of the Australia Council Performing Arts Board.*

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

November 15: Associate Professor John Hedberg, *Information technology and education organisation.*
All seminars will be held in building 21, room 101 at 12.30pm.

Equity in Education

Seminar and Conference Activities
October 3-6: Australian and New Zealand History of Education Conference 91. *Themes: Autobiography and biography in the history of education.*

Convenor: Associate Professor Noeline J. Kyle, Full Registration details shortly. Enquiries: Noeline Kyle, ext. 3374.

Distinguished Visitors Program

October 17: Kathy Duffy, manager, Organisation Development and Workplace Reform Implementation Nissan Australia. *Strategies for Change: Moving Women into a Restructured and Changing Workplace.*
12.30-1.30pm. Pentagon 20:5.
Enquiries: Associate Professor Noeline J Kyle, ext. 3374.

Faculty of Law

October 21: Justice D. F. O'Connor, President of the Administrative Appeals Tribunal. 12.30-1.30pm in Building 40, Room 131.

School of Creative Arts

Research Colloquia

October 31: *Studies in Contemporary Arts Practice and Performance in Australia.* Presented by members of the University research program: Diana Conroy, Ian McGrath, Sue Rowley, John Senczuk, Andrew Schultz, Peter Shepherd and David Vance.

All colloquia are held in Building 24, G01 - Music Auditorium from 4.30-6.30pm.

Enquiries: (042) 21 3302.

A postgraduate seminars will be held on October 31.

All seminars are in the Music Auditorium from 4.30-6.30pm.

Stop Press

Seized!

An exhibition of prohibited animals confiscated by the Australian Customs Service including elephant footstools and a grizzly bear at the Science Centre for two months