THE UNIVERSITY OF WOLLONGONG
CAMPUS NEWS

Distributed each Tuesday

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Editor: George Wilson, Tel. (042) 270926

8 November 1988

Ambitious video production project for students

During the first two weeks of November, over 30 students from the School of Creative Arts and the English Department are involved in an ambitious video production project. Five original short teleplays written by Creative Writing students will be shot on broadcast-quality video in a multi-camera studio set-up in the Drama Hut. It is hoped to interest local and national television outlets in the finished product.

Directors, cast and production crew have been selected from students in The Screen Studies, Theatre Studies, Acting, Directing, Design and Technical Production courses, and the talent and experience shown by the young personnel involved is said to be remarkable.

The project will be run according to the practices of professional studio operations, with David Young (Lecturer in Screen Writing and an experienced producer) as Executive Producer, with Ric Caladine of the Centre for Teaching Development as Technical Director. Both are assisted by student 2 IC's, Robin Bushmann (Line Producer) and David Harper (Floor Manager).

David Young has developed the 'creative' side of the project while Ric Caladine has provided not only his technical expertise but also has assembled a temporary studio in the hut, using equipment drawn from various sources. This has been quite a logistical feat and highlights the need for a permanent film/video studio set-up on campus.

Indeed, each year a modified version of a multi-camera TV studio is set up for the couple of days when equipment and space can be freed so that second-year Media students can have some experience of this aspect of television production.

The present project is a development from the practical components of the Screen Studies courses which have been operating since 1980. In these, students are required to make short films or videos to complement their academic studies of film and television. The main aim is to enable them better to understand these media by engaging in the production process — as directors, actors, writers, camera operators, technical producers, editors, and so on.

The projects also provide new opportunities for creativity and personal expression in what are the dominant and characteristic communicative media of this age.

Scene on the floor in the studio at which the teleplays are being shot. In the foreground with the clapboard, in rehearsal, is floor manager David Harper

Students in each Second Year intake are required to undertake a film-making workshop which provides training in the various aspects of screen production. By now the two-weekend introductory workshops (usually held at the Albion Park property of Dr John Panter of the CTD) have become a tradition — and, with the academic studies in the course themselves, have led to a groundswell of interest in this field. This year, for example, the University Union sponsored the first Student Video Festival. It is hoped that it will be an annual event.

The November video project will extend students' practical experience of the medium and help them better to respond critically to its products. But apart from the intrinsic educational value of the exercise, it will be a demonstration of the University's capabilities in this field.

Maurie Scott

General Notices

Ultimate load tests

Seen here during the test procedures conducted in the Department of Civil and Mining Engineering is PhD student Mr Masood Falamaki, at Wollongong on an Iranian government scholarship

A series of five half-scale models of reinforced-concrete, flat-plate structures — of the type used in buildings — has been tested in the Department of Civil and Mining Engineering. The last test was completed on September 20.

Used commonly on multi-storey buildings, a flat-plate structure consists of slabs and columns only, i.e., no beams or girders are used. Because of its simplicity, the flat-plate system, from an architectural and construction point of view, is an excellent structural form. This type of structure is popular in most countries, including Australia.

But the understanding of certain aspects of the behaviour of this type of construction is unfortunately still, today, incomplete, a factor which gives rise to a lack of precision in analysis and design. The reason for this is that there is insufficient experimental data. In Australia, before the Wollongong project, only two successful models were tested — those in the University of NSW.

The current work is a PhD thesis project conducted by Mr Masood Falamaki under the supervision of Associate Professor Yew-Chaye Loo. Mr Falamaki received an Iranian government scholarship, which included also a $4000 grant towards experimental expenses.

Large-scale model tests of this type are a very labour intensive and expensive business. The technical staff of the Department of Civil and Mining Engineering have contributed greatly to the preparation and testing of these models, each weighing about 5000 kg. In addition, the local industry, Wollongong TAFE, and the School of Civil and Mining Engineering of Sydney University have in one form or another contributed towards the costs of this experimental program. Those who have supported the project include Acrow Pty Ltd, Anitech NSW, ARC Engineering Pty Ltd, ASC, Austral Standard Cables Pty Ltd, Baines Concrete Pumping, Cable Makers (ACT) Pty Ltd, Cleanaway, School of Civil and Mining Engineering, Sydney University, Go Hire, KGR Fabrications, Kenweld Constructions Pty Ltd, Newtek Electronics, Nippy Crete Concrete, Vernier Engineering Pty Ltd, Wollongong TAFE, in particular the Departments of Carpentry, Fitting and Machining, Hydraulics, and Welding, and the Steel Store.

It is anticipated that the outcome of the research will bring new knowledge to the analysis and design of reinforced concrete flat-plate building structures.

Staff Development Courses

Retiring Soon — Worried about recent changes to public-sector superannuation funds and how they will affect your retirement income?

The Staff Training Unit is arranging a seminar to be held on December 2 in the Staff Training Room.

A consultant from Coopers and Lybrand will be outlining the major changes and how they will affect you.

Investment options to minimise the impact of the changes will also be discussed.

If you are interested in attending please send in your blue nomination form by November 22.

Where: Staff Training Room.
When: December 2.
Target group: All staff retiring in the near future.
Return date: November 22.

Japan Trip 1989

As part of its Japanese Language course program, Uniadvice is planning a trip to Japan in 1989. The trip begins on Saturday September 23 and ends on Saturday October 7. Main centres to be visited include Osaka, Kyoto, Hiroshima, Miyajima, Takayama, Mt Hakone, and Tokyo.

Cost of the trip (between 20 and 25 people) will be approximately $2,800 — including air fares, train and bus travel, accommodation, breakfast and dinner, transfer fees, and a Japanese interpreter.

For details contact Anna Rousch, Wollongong Uniadvice Ltd, The University of Wollongong, PO Box 1144, Wollongong, 2500.

Retirement Dinner — Professor Brian Smith

After 18 years on the campus, Professor Brian H. Smith, Dean of the Faculty of Engineering and Foundation Professor of Electrical Engineering, is retiring at the end of the year (31 December 1988). A dinner in his honour has been organised for those friends and colleagues who would like to have an opportunity to say farewell.

The dinner is to be held on Friday December 9 in the Union Building at 7 pm for 7.30 pm. The cost of the dinner is $24.50 per person and tickets may be purchased from:

- Maria Roberts/Alison Whiddett (Room 4.109/112, Ext 3491)
- Maree Fryer/Julie Chin (Room 35.G41/G43, Ext 3413/3065)
- Birgitt Baader (Room 21/124, Ext 3733)
- Marie Lewis (Student Admin, Ext 3924)

and will be available until November 28. Contributions for a present may also be given to any of the above.

Towards a More Secure Future

The School of Health Sciences and Geriatrics will hold a 'phone-in' on November 10 to find out ways in which the aged can find secure futures. Especially wanted are comments on finance, taxation and subsidies.

Numbers to call are 27 0766, 22 7471, 22 7338, 27 0227.

Staff Development Courses

Deadline for submissions of applications for Development Leave for General Staff has been extended to Tuesday November 15.

Development leave may be taken either in Australia or overseas and is intended to enable a staff member to complete a program of study or visits of mutual benefit to both the staff member and the University.

Contributions to travel and other costs may be available.

The conditions of leave and the guidelines for filling in applications may be obtained by contacting the Staff Development Coordinator, Shirley Jorgensen, ext 3946.

BCA Student Exhibition

This month, students of the School of Creative Arts will be holding their final graduating exhibition in The University of Wollongong Long Gallery. Entitled 'Ausfahrt', the German word for 'exit', it will include ceramics, drawings, paintings, original prints, textiles and sculpture, representing the work of some 30 students who have just completed a three-year period of full-time study — covering two art disciplines. Student exhibitions are characterised by innovation and energy.

Some facts about BCA students:

- past and present students organise and run The Art Arena Gallery in Crown Street and have arranged to exchange exhibitions with artists living in Hamilton, Canada, later this year and early next,
- past and present students are holding, or have held, exhibitions this year in Sydney. They include Judy Weeks, Merrilee Swan, Paul Ryan, Mandy Evans and Greg Eager,
- Gabriella Frutos, a past BCA student, is making a Mosaic for the Crown Street Mall which, when completed,will be donated by The University of Wollongong to the City of Wollongong as a Bicentennial gift,
- the University's Permanent Collection is one of the fastest-growing of university collections in Australia. In it, many BCA students are represented. The collection is spread throughout the University, and also housed in large clusters in Administration, Education, Engineering and the Library,
- earlier this year BCA students developed a large mural for a commercial exhibition — shown in Melbourne and Sydney,
- two contemporary BCA students — Renata Stallard and Sandy Inglis — have been commissioned to design the University Union Bistro/Bar/and Club Lounge.

Friends Final Fling for 1988

Sunday December 18
University Oval No. 1
10 am to 4 pm

*Town v Gown Cricket Match with celebrity guest players Bob Holland and Murray Bennett

*Friends of the University Christmas Party and farewell to Executive Officer, Giles Pickford

Bring a picnic and enjoy the last Sunday before Christmas

If you want a seat in the marquee then RSVP to Muriel Murada on 27 0082

Above are the first students enrolled at The Wollongong English Language Centre. They are Miss S. Siriphainwan and Mr Kriskhorn Pasutanawin

Australis Demonstration

Twenty-two academics, students and library staff attended an online demonstration of the Australis System on Thursday September 29 in the Library. Liz Lovie from the Department of Primary Industries and Energy ran a number of searches in data bases ranging from rural research to industrial relations to science policy. The data bases used were those requested by the participants, who supplied the search topics.

The majority of the data bases are produced by the CSIRO, but the others cover a variety of different subjects: leisure, heritage, Australian engineering, industrial relations, family.

There was a good response from the participants, who benefited by learning more about the system and its capabilities and getting printouts from free searches.

World experts in Materials Technology gather at Recrystallisation '90

The International Conference on Recrystallisation in Metallic Materials will be held at The University of Wollongong in January 1990. World-renowned scientists in their fields including keynote speakers from the USA, Canada, West Germany, Japan, Denmark, the USSR and the United Kingdom will be in Wollongong for the occasion. Dr Tara Chandra, of the Department of Metallurgy and Materials Engineering, has been nominated as chairman of Recrystallisation '90, has so far received enormous support from scientific professional bodies from Japan, France, USSR, USA, Canada, China, India and South Korea. Co-sponsors are the American Institute of Mining, Materials and Petroleum Engineers — the largest professional body in the world — and The University of Wollongong.

School of Creative Arts – Diary of Events

November

Thursday 10

The Art of Lunch. Music Auditorium. Local Product – Number 3. 12.35 pm to 1.25 pm.

Wednesday 16

Public recital by Final Year Music students Penny Raine (flute), Bergrid Ferreira (piano) and John Alvear (guitar). Music Auditorium, 7.30 pm.

Research Students Open Day

An Open Day for research students is to be held at the University on Wednesday November 9.

Postgraduate research students will present their research projects and results in the form of either poster/display formats or short oral presentations.

Poster displays will be located in the Union Hall between the hours of 10 am and 5 pm. Students will be in attendance at their displays from 12.15 pm to 1.15 pm and between 2 pm and 4 pm to explain their research to visitors.

Oral presentations will be held from 10 am to 12.15 pm, and from 1.45 pm to 5 pm in the Kemira Room and the Northern Lounge in the Union.

The Day will be opened by the Vice-Chancellor at 1.15 pm in the Union Hall. The University's *Research Report* for the 1987/88 year will also be released at this time.

Everyone is welcome to attend.

Conservatorium of Music Open Day

The University of Wollongong Conservatorium of Music will hold an Open Day on Sunday November 13 from 11 am to 4.30 pm. The affair will take place at Gleniffer Brae — Wollongong's lovely manor house in its parkland/garden setting at the foot of Mt Keira.

Activities will include:

- Conservatorium Show Band and Swinging Strings, rehearsals with Wollongong's international jazz violinist, Don Harper.
- Jazz workshop — as an extension of the interest in jazz which has developed in the University over the past few years. Such a workshop will be of interest to future HSC students studying (or wishing to study) in the idiom.
- The unique Pre-music Literacy program for 3-1/2 to 6-year-olds. Demonstrations of activities.
- Staff working in 'open-door' studio situations.
- Studio recitals — keyboard, strings and voice.
- Master class/workshop demonstrations.
- Staff and student performances.
- BHP Steel Symphony Training Orchestra.
- Chamber music — performances by junior students.

KIDS COMPUTING
JANUARY 1989

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PO Box 1144, Wollongong. 2500

Phone: (042) 26 8884

Don Harper with part of the Big Band. The band will be performing at the Big Band and Strings concert at the Town Hall on Friday November 11 and at the Conservatorium Open Day on Sunday November 13

- Interviews with staff. *Special Note:* Applications for inclusion in the Pre-music Literacy Program close on November 21.
- Special interviews with the Principal — *How may I determine if my child has a disposition towards music? Which instrument?*
- Visit the office for advice and information — *Advice with HSC music studies?*

Microwave Conference

Microwaves are being used increasingly in industry and many exciting potential uses are evolving. Apart from industrial drying of such difficult products as ceramics microwaves can be used to melt steel, speed up chemical reactions and even, one day perhaps, to drive space vehicles.

The first International Conference in Australia on the subject of Microwave Power will be held at The University of Wollongong from 15 to 17 February 1989. Hosts will be the Microwave Applications Research Centre (MARC), set up in recent times at the University under the Directorship of Professor Howard K. Worner. Internationally recognised for his work and inventions in the field of Pyrometallurgy, Professor Worner is leading the MARC team in the investigation of practical industrial applications of Microwave power.

Speakers from USA, Canada, Great Britain and Europe will join Australian contributors at the three-day conference which will include the following topics:

Theory and practice of Microwave equipment

Present industrial applications in the area of minerals and materials

Future industrial applications envisaged

Two well-known areas of microwave applications which will not be covered at this conference are food and communications.

Inquiries to The Conference Co-ordinator, Wollongong Uniadvice Ltd, The University of Wollongong, PO Box 1144, Wollongong 2500; telephone (042) 27 0956.

Australia Just a Stop-over

Two of the international programs that Professor Stephen Hill of Sociology and TASC is involved in pose something of a dilemma in November.

The UNESCO Program on Technology and Development in the Pacific Islands, which Professor Hill was instrumental in establishing over the past three years, is holding its first training workshop in Tonga for Pacific

Island development planners. As consultant and speaker, Professor Hill has to spend the second week of November working on the island of Tonga Lavu with participants who have been selected from islands across the whole southern Pacific region.

However, he must also be in Bangkok, Thailand, on the day after he leaves Tonga and Fiji. This second meeting is the Consultative Expert Meeting on ESCAP's 'Technology Atlas' program, and involves the Atlas's advisory committee plus official representatives of the Asian governments. Since the project started three years ago, Professor Hill has been a member of the advisory committee, a small group of experts from West Germany, the United States and Asia which has met several times over this period, in Bangkok and Tokyo. The Australian Department of Foreign Affairs is sponsoring the trip as Professor Hill will also be acting as official delegate of Australia.

Professor Hill commented, 'The only problem is it's not easy to travel quickly between Tonga and Bangkok. I'll have to drop in to Sydney for a few hours on the way, but won't have enough time to come home.'

Unirobics Update

Stuvac Classes

Date and time: Tuesday, November 8, 12.40 pm, 5.40 pm; Wednesday November 9, 5.40 pm

Venue: Sports Hall.

Low-Impact Classes

Date and time: Thursday November 10, 12.40 pm, 5.40 pm

Venue: Multi-purpose area.

Exam Classes

Date and time: Tuesday November 15, 12.40 pm, 5.40 pm; Wednesday November 16, 5.40 pm only; Thursday November 17, 12.40 pm, 5.40 pm; Tuesday November 22, 12.40 pm, 5.40 pm, Wednesday November 23, 5.40 pm only; Thursday November 24, 12.40 pm, 5.40 pm.

Venue: Multi-purpose area.

Post Exam Classes

Date and time: Tuesday November 29, 12.40 pm, 5.40 pm; Wednesday November 30, 5.40 pm only; Thursday December 1, 12.30 pm, 5.40 pm.

Venue: Sports Hall.

Date and time: Tuesday December 6, 12.40 pm, 5.40 pm; Wednesday December 7, 5.40 pm only; Thursday December 8, 12.40 pm, 5.40 pm

Venue: Multi-purpose area.

Further information from Sports Association, ext 3361/3362.

12th Australian Computer Science Conference

Organised by the Department of Computing Science in The University of Wollongong, the 12th Australian Computer Science Conference will be held from Wednesday 8 February 1989 to Friday February 9.

Some 30 papers will be presented in addition to keynote addresses by invited speakers. The conference will be held at The University of Wollongong.

Further information and registration forms are available from the Conference Co-ordinator, Wollongong Uniadvice Ltd, The University of Wollongong, PO Box 1144, Wollongong, NSW 2500. For telephone inquiries call Alex Zelinsky (042) 27 0859, or Anna Rousch (042) 27 0956.

Grant to Help Biologists Search for Rare Males

Jennie Chaplin, a teaching fellow in the Department of Biology, and Dr David Ayre, her PhD supervisor, have recently received a $20,847 grant from the Murray-Darling Freshwater Research Centre to study the ecological genetics of freshwater ostracods. Ostracods are small crustacea (about the size of a flea) that are extremely common in freshwater bodies and probably play an important role in the ecology of inland streams, lakes and ponds throughout Australia. However, virtually nothing is known about them. Jennie Chaplin is studying the mode of reproduction and dispersal of a particularly widespread species of ostracod and her work is the first study of ostracod ecology and genetics done in Australia.

One interesting finding to date is that, although Jennie has collected ostracods from 40 to 50 separate populations on the east cost of Australia, she has not obtained a single male from any of these populations. It seems that all these populations are reproducing asexually, with females producing genetically identical daughters. This process is the same as 'cloning'. The only male ostracods collected to date have come from a temporary freshwater swamp in West Australia.

The research grant will allow Jennie to extend her studies into the Murray-Darling system, the largest drainage basin of inland Australia. The use of both ecological and genetic data about the ostracods will allow an assessment of the biological 'connectedness' of lakes and ponds in the local area and the Murray-Darling region and provide an improved basis for the management of our freshwater resources.

As well as this applied aspect, the research has important theoretical implications. The results , together with other work from the Biology Department by Dr Ayre on corals and sea anemones (funded by MST and ARC), and work on banksias by Dr Ayre and Dr Rob Whelan (funded by ARC), are defining the evolutionary roles of sexual and asexual reproduction in a diverse range of organisms. Meanwhile, Jennie Chaplin continues her search for males on the east coast of Australia.

Sixth Internnational Meeting of University Administrators

The Sixth International Meeting of University Administrators will be held at the University of Maryland College Park, USA, from 23—28 July 1989. Over 800 inquiries from 75 different countries have been received.

Interested University Administrators are encouraged to register early to insure participation. The contact person is John A. Bielec, Chairman, US Organising Committee, Sixth International Meeting, Assistant Vice President for Administration, University of Maryland, 1132 Main Administration, College Park, Maryland 20742.

FIT Appoints New Registrar

Mr Michael Halls is the new Registrar of the Footscray Institute of Technology, one of the fastest-growing Australian higher-education institutions, currently with more than 5,500 students.

Mr Halls has been with the Institute for five years and has recently held the posts of Deputy Registrar and Acting Registrar. At 33 Mr Halls is probably one of the youngest Registrars in the country.

Mr Halls has had a lengthy and successful background in administration, when, even as a student, he assumed an administrative role with the Student Representative Council at Wollongong University.

Books and Reading

Books received

Wolfers, E.P. (ed), *Beyond the Border: Indonesia and Papua New Guinea, South-east Asia and the South Pacific*, The University of Papua New Guinea Press and The Institute of Pacific Studies, Suva, Fiji 1988 (an anthology with contributions from Nao Badu, Robert Igara, Babani Maraga, Rabbie L. Namaliu, Alan Oaisa, Sabam Siagian, Juwono Sudarsono, Sumaryo Suryokusumo, Jusuf Wanandi.

Kyle, Noeline, J. *We Should've Listened to Grandma: Women and Family History*, Allen and Unwin, Sydney, 1988.

... and a review

McKerrow, P. (1988): *Performance Measurement of Computer Systems*, Addison-Wesley, Sydney, 260pp., $34.95 (hardcover).

The content of this book is consistent with its title in that it does deal almost exclusively with measurement. In this respect, it falls into an area of computer performance evaluation that is relatively unpopulated with textbooks. The book makes only very brief reference to modelling, in its last chapter, where the author points out that books on performance modelling 'rarely give a detailed description of how to obtain the data for the models discussed'. The niche that this book occupies is therefore one that is complementary to those more readily available books on modelling and analysis.

However, this new book is different also from other books on measurement, of which perhaps the best known is that by Ferrari *et al.* (1983). The Ferrari book is aimed at 'practitioners' who wish to learn how to evaluate and tune computer systems. McKerrow's book really does not deal with tuning at all, and seems to be aimed mainly at those interested in designing and installing measurement tools. The reader is assumed to have a reasonably detailed understanding of computer architecture.

The author comments that 'because we can model programs as mathematical objects, we can not only measure their performance, but we can describe these measures mathematically'. From this proposition, the author proceeds to a 'formulation of performance measurement' that 'codifies performance measurement into a unified body of knowledge'. The author's own theories are followed by descriptions of other 'formulations and theories', from Halstead's software science to Spirn's work on program behaviour, which are compared to the author's 'formulation'. These topics are perhaps too diverse and too briefly covered, but the ideas presented, though debatable, are interesting.

The book does read like a review article at times; there are over 300 entries in the bibliography, most of which seem to have been referenced in the text. While the bibliography is worth having, some of the references are too old to be worth discussion in the text. In these days of VLSI, the page or two devoted to hardware monitors of 1960's vintage seems unnecessary.

The main strength of the book likes in its descriptions of measurement tools: hardware, software, and, in particular, hybrid tools for measurement of hardware, software, and program performance. Many pages are devoted to logic state analysers, with which the author seems to have had considerable experience. The emphasis on topics based on personal experience is evident also in the examples. Whereas Ferrari *et al.* give several tutorial-level case studies, McKerrow gives two that are detailed descriptions of work of his own, using an approach based on the author's formulation presented earlier. The formulation is also followed through in chapters dealing with System Design for Measurement, and Measurement of Multiprocessor Systems.

In summary, the book is different from others in the area of computer performance, and contains enough material of interest for the book to be worth adding to the bookshelf of someone whose work is in the field of performance, especially if their interest lies in design of tools for performance measurement.

Reference: Ferrari, D., Serrazi, G. and Zeigner, A. (1983): *Measurement and Tuning of Computer Systems*, Prentice-Hall, Englewood Cliffs, NJ.

John Penny
University of Canterbury

The Australian Computer Journal, Vol. 20, No. 3, August 1988.

Dr Phillip McKerrow is in the Department of Computing Science at The University of Wollongong.

Big Band and Strings

The Conservatorium of Music in conjunction with Westfield Shoppingtown, Figtree, will present the Big Band and Strings, Kerrie Biddell Sings, plus Four Giants of Jazz, at Wollongong Town Hall, on Friday November 11. The concert will begin at 8 pm.

The program will feature a broad selection of 'very listenable' music, from Bach to Basie. Compositions, many penned by Don Harper himself, will be performed by Don and the Show Band, Don and The Swinging Strings and a combination of Big Band and Strings.

Admission charges are adults $12, concession $8, students, children and pensioners $6.

Final Concert of '88

The City of Wollongong Symphony Orchestra gives its fourth and final 1988 subscription concert at the IMB Theatre on Saturday evening November 19. Music director, John Wayne Dixon, will conduct, and the soloist, appearing under the 'Back to Wollongong' Bicentennial theme, will be the 21-year-old, local-born violinist, Alexandra Stender, who will perform the Mendelssohn Violin Concerto.

Bookings are open at the Illawarra Performing Arts Centre, with tickets available in limited numbers, priced at $11, concession $8, and family (2 adults plus 2 concession) $25.

The Sydney String Quartet

A concert by The Sydney String Quartet, Ronald Thomas, Alex Todicescu, Wilfred Lehmann, and Georg Pedersen will appear in a program including Haydn String Quartet Op. 50 No. 1, Mozart 'The Hunt' String Quartet K 458, and Sibelius 'Intimate Voices' String Quartet.

The Illawarra Performing Arts Centre, Saturday November 12 at 8.15 pm. Tickets $12, $6.

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 Kim Harriss (ext 3201). Intending applicants are reminded that all research applications must be forwarded through the Office of Research and Post-graduate Studies.

Oilseeds Research Council Research Grants

The Oilseeds Research Council invites applications to conduct research related to the oilseeds industry in the 1988/89 financial year.

Applications close with the University on December 16.

Australian Fellowships at the University of Edinburgh 1990–1992

Applications are invited for an Australian Fellowship available at the University of Edinburgh, normally for a period of three to five months. A fellowship may be taken up any time within the calendar years 1990–1992.

Fellowships are open to men and women regarded as leaders in their field and who are normally resident in Australia.

Applications close with the University on December 16.

Previously Reported in Campus News

	Internal Closing
Lionel Murphy Scholarships	November 16
Canada Australia Bicentennial Research Awards	November 16
World Wildlife Fund Australia	November 16
Academy of Science China Exchange	November 17
Wool Research Grants 1989-90	November 18
Fulbright Awards — Seniors	November 18
ATERB Scholarships	November 18
National Agenda for Women Grants Program	November 24
Packer Cambridge Scholarships	December 1
Spencer Fellowship Program	December 9
ATERB Grants	December 16
ASRRF GRANTS	December 17
Chicken Meat Research	December 17
Canadia Faculty Awards	January 17
Rolls Royce-Qantas Award for Engineering Excellence	January 17
Amy R. Hughes Scholarship	February 1
IDP Research Funding	Any time
Utah Foundation	Any time
Criminology Research	Any time
Pig Research Council -- Support for Eminent Visitors	Any time
MERA Project Grants	Any time
Clive and Vera Ramaciotti Travel Grants	Any time
James N. Kirby Foundation	Any time
Telecom Research Laboratories	Any time
NSW State Cancer Council Travel Grants-in-aid	Any time
Spencer Foundation	Any time
Visual Arts/Craft Board	Any time
Earthwatch – Grants for Field Research in Science or Humanities	Any time
Science and Industry Endowment Fund	Any time

David Syme Research Prize

The David Syme Research Prize is awarded for the most distinguished contribution to Biology, Chemistry, Geology or Physics during the preceding two years of the year of determination.

In 1989 the prize will consist of an award of $2000 and a bronze medallion.

Applications close with the University on 15 February 1989.

eeo news....

Redefining Merit

The Federal Affirmative Action Agency has produced a series of monographs dealing with issues impacting on affirmative action and women's employment.

The aim of the series is to encourage public discussion around the issues relevant to the introduction of affirmative action programs, which seek to eliminate discrimination.

The first monograph in the series, *An Introduction to the Principles of Affirmative Action and Anti-Discrimination Legislation*, is by Sydney barrister Chris Ronalds.

Ms Ronalds was closely involved with the development and drafting of both the Sex Discrimination Act 1984 and the Affirmative Action (Equal Employment Opportunity for Women) Act 1986. She is author of the book *Affirmative Action and Sex Discrimination: A Handbook on Legal Rights for Women.*

Dr Clare Burton has written the second monograph 'Redefining Merit' and is also writing the third monograph on Job Evaluation. Dr Burton co-authored the book *Women's Worth: Pay Equity and Job Evaluation in Australia*, the research for which was funded under the Women's Bureau's Women's Research and Employment Initiatives Program.

The Affirmative Action Agency has also published a pamphlet entitled *Unions and the Equal Opportunity Act.*

The EEO Unit has a copy of the first two monographs, and would be pleased to acquire extra copies for departments who would like them (we'll pay! — an early Christmas present). Please phone Debbie on ext 3917 to place your orders.

Kathy Rozmeta
EEO Co-ordinator

Summer residence available in Sydney

Warrane College, a residential college for men at the University of NSW, Kensington, Sydney, is offering summer residence from Friday, December 2 until Sunday, 12 February 1989.

The College will remain open all summer with full meal service. A program of sporting and cultural activities is being planned by College residents.

Weekly residence fees for the summer period are reasonable and there are special student rates available for longer periods of stay during the summer.

Contact: David Curran or Gerald Fogarty at (02) 662 6199, or at Warrane College, PO Box 123, Kensington 2033.

Seminars

Department of Biology

Speaker: Dr Salua Woodruffe, Department of Biology, The University of Wollongong.
Topic: *Chlamydia: the silent epidemic.*
Date: November 9.
Venue: Building 35, room 19.

Women in Science Enquiry Network (Wollongong)

Speaker: Ann Dugdale, STS
Topic: *Is there a feminist science?*
Date and time: Wednesday November 16, 6 pm.
Venue: Board Room, Union Building.
Drinks and nibbles to follow. Inquiries Toni O'Neill, ext 3765.

Department of Chemistry

All seminars will be held in room 18.206 starting at 11.30 am.
Friday November 11
Speakers: Professor Ian Chubb, Dr Mesuwis Boelen, Dr Mark Dowton, Neuroscience Unit, The University of Wollongong.
Topic: *Neuropeptides in the retina.*
Friday November 18
Speaker: Dr Nick Roberts, Department of Inorganic Chemistry, University of NSW.
Topic: *Organophosphine synthesis by ortho-metallation.*

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PO Box 1144 Wollongong 2500 (042)270867

Friday November 25
Speaker: Dr Peter Brooks, Department of Organic Chemistry, University of NSW.
Topic: *Synthesis of aesthetically pleasing compounds.*

Department of Computing Science

Date and time: Friday November 11, noon to 12.30 pm.
Speaker: Andrew Cartwright, (Diploma Student), Department of Computing Science, The University of Wollongong.
Topic: *Train Scheduling Algorithms.*
Venue: Room 15.101.

Date and time: Friday November 11, 1.30 pm to 2.pm.
Speaker: Graham R. Dombkins, (Honours Student), Department of Computing Science, The University of Wollongong.
Topic: *Graphical Robotic Programming Language.*
Venue: Room 15.201.

Date and time: Friday November 11, 12.30 pm to 1.30 pm.
Speaker: Allan Campton, (Honours Student), Department of Computing Science, The University of Wollongong.
Topic: *Microcomputer Control of MIDI Devices.*
Venue: Room 15.201.

Date and time: Friday November 18, 1.30 pm.
Speaker: Rajesh Kapadia, (Postgraduate Student), Department of Computing Science, The University of Wollongong.
Topic: *Synthetic Workload.*
Venue: Room 15.201.

Visitors parking on University grounds will be charged a parking fee of $1. This fee will be reimbursed by the department.

Alex Zelinsky
Convenor

School of Industrial and Administrative Studies

Speakers: Dr T. Williams, Dr K. King and R. MacGregor, Lecturers at Wollongong University.
Topic: *Some Aspects of the Ergonomics of Computer and Human Interaction.*
Date: Wednesday November 16, 1.30 pm.
Venue: Building 19, room 1038.

Advertisements

Japanese Tutor
Japanese tutor starting soon in Wollongong area. Small group in relaxed atmosphere. Reasonable fees. For more information please phone 83 4100.

Art Studio Space
Suit one or two painters/sculptors. Around $20–$25 per week. Phone Lis on 29 8280 after 7 pm, or drop in to 1 Moore Lane, in town, between the 'Harp' and the Downtown motel (ex camping shop).

Christmas Cakes
Lion's Christmas cakes now available from Bill Trueman, ext 3539, or c/-Library. Cost $7.20 for 1.5 kg. Orders also taken.

For Sale
Women's 14k gold diamond wedding/engagement rings (3). Sizes M, M-1/2, and O. Price: one-half appraisal value. Please call Mark ext 3023 or 83 5621.

Sound System
Stereo with two speakers for sale, only $35. Contact 27 0058.