

Distributed each Tuesday

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Editor: George Wilson, Tel. (042) 270926

20 September 1988

## Innovative Gold-mining Equipment Enterprise

The Illawarra Enterprise Workshop, which is co-ordinated by the Department of Management, has again produced a team which has won its way through to the State finals of the Enterprise Workshop competition.

Following last year's success, when a team led by Les Kirchmajer and Peter Kerney reached the finals of the national competition with an innovative modular saw mill (since then acquired by Boral), a new group has formed to develop and market gold-mining equipment.

This new group, which has established a limited company—Austar—to assist its activities, includes Rod Ruston and Mark Jones (Wollongong MBA students), David Voradski (Telecom) and Anthony Hodgson (Chief Executive of Bionexus).

They have developed new gold-mining equipment which extracts gold from clay soils—a predominant but difficult type of deposit from which to mine the precious metal. The essence of Austar's approach has been to enhance some existing technology with some other recently developed technology to create a unique *system* which is able to extract gold from clay at levels of

efficiency far in excess of anything currently on the market.

Austar has secured world rights for the equipment, which has already been commercially tested in two goldfields. After trials it is hoped that the equipment will be manufactured in Wollongong. Estimates of the size of the market suggest major profits could be generated over the next five years. Professor Lowe of the Department of Management comments:

*This year's workshop team has shown considerable entrepreneurial skill by seeing a market opportunity and bringing together two technologies to achieve a major enhancement of existing systems. This is something the Japanese do well and the Illawarra Workshop team are demonstrating the potential for this form of value-adding innovative activity.*

The project will now go into the State final for adjudication and, if successful, into the National final. Whatever happens with the competition, Austar will be developing the technology which, as well as being an important business venture, should make a contribution to the successful management of Australia's resources.

*At the opening of Aboriginal Week on campus—on September 12—the Aboriginal flag is raised by Mr Bob Randall, head of the University Aboriginal Education Unit. With him are staff members Carol Steechley (left) and Yvonne De Vries. Highlights of the week were Aboriginal dancers Mark Saunders and Johnny Marshall, songs by Bob Randall, boomerang throwing, an art exhibition, and screening of the film, 'We have survived'*



# General Notices

## The Sir Richard Kirby Lecture

The tenth Annual Sir Richard Kirby Lecture will be held in room 38.601, University of Wollongong, on October 5 at 6.30 pm.

The guest speaker will be Professor Joe Isaac, formerly Deputy-President of the Australian Conciliation and Arbitration Commission, and his topic, 'Arbitration Commission: Prime Mover or Facilitator?'

Tea and coffee will be served after the lecture.

For further information contact Di Kelly on 27 0662, Chris Nyland 27 0702 or Ray Markey/Francis Sullivan (CWALMS) 27 0983

### World-famous Scholar Returns to Wollongong

During the August recess, Professor Thomas Luckmann visited The University of Wollongong. Professor Luckmann is one of the most distinguished scholars in the world on the sociology of knowledge and communication. One of his books, *The Social Construction of Reality* (with Peter Berger) is one of the world's 50 most-cited books.

Professor Luckmann presented a seminar, sponsored by the Faculty of Arts, entitled, 'Communicative Genres and the Social Transmission of Knowledge'; the seminar allowed staff and post-graduate students from the Faculty to learn of Professor Luckmann's latest work on the social architecture of communication.

This was not, however, Professor Luckmann's first visit to Wollongong. He was previously Distinguished Visitor to the Department of Sociology for six months back in 1978. Professor Stephen Hill subsequently had worked with Professor Luckmann in Konstanz, West Germany, and invited him back for this visit—which fortunately was possible while Professor Luckmann was (briefly) present in Australia for the International Psychology Conference.

### Illawarra Statistical Group

Wednesday, September 28, 6 pm to 6.45 pm.

Topic: Multivariate Analysis of Health-related Behaviours in Diet, Exercise and Smoking and Social-class Gradations

## Staff reminder

Academic staff applying for Continuing Appointments or for Promotion are reminded of the need to have the Centre for Teaching Development conduct student surveys of all subjects taught in three out of the four Sessions

All academic staff have been notified of this requirement by memo dated August 18 and reminded that they should seek an interview with a member of the Centre's staff if they wish to have surveys conducted this Session.

Any such member who has not already arranged an interview should do so before Friday September 23. It may not prove possible to process applications received after that date.

Speaker: Abdul Monaem, School of Health Sciences, University of Wollongong

Venue: Building 15 (Austin Keane Building) Room 204, University of Wollongong.

Purpose of the statistical group is to bring together people using statistical techniques in industry and university. All welcome. Meet the speaker and enjoy refreshments from 5.30 pm in Room 203. Those interested in attending an informal dinner after the seminar contact either J. Flanagan, BHP Coated Products (75 6480) or C. Gulati, Department of Mathematics (27 0836).

### Australian Institute of Management Monthly Meeting

Guest Speaker: Professor Ken McKinnon, Vice-Chancellor, The University of Wollongong.

Topic: The Challenges of Managing a University in the 1980s.

Date: September 28.

Time: 7.30 am-breakfast, 8 am-9.45 am – address.

Venue: City Pacific International, Burelli Street, Wollongong.

Professor McKinnon has been invited to speak on the topic: 'The Challenges of Managing a University in the 1980s'. This presentation is one of an occasional series in which senior managers of the region are invited to share their perceptions of being a senior executive today.

### Children's Christmas Party

The Children's Christmas Party will be held on Saturday November 26 at the Greenery and on the lawns behind the new Administration building. There will be the usual entertainment—hay rides, fire-engine rides, merry-go-round, magic castle, and free drinks, ice blocks and sweets for the children. Santa will visit the children and the IMB Bee will be there with a few other surprise visitors.

We shall have a sausage sizzle for lunch at a reasonable price.

### Christmas hamper

We will also have our usual Christmas hamper raffle. The success of this hamper relies on your generosity in donating items to the hamper. (Please leave items at the Printery or Central Registry.)

Further details from Flora Hutchison, Central Registry, or Lionel Ransley, Printery, before the closing date, Friday October 7.

Cost per child \$7.

Lionel Ransley, Chairman, Children's Christmas Party, Organising Committee.

### Laporte Centenary Scholarship

Applications are invited for the first Laporte Centenary Scholarship, for research in applied chemistry, tenable at a university or other tertiary institution of the candidate's choice in the United Kingdom.

The Scholarship is funded by Laporte Industries, and

### Early Press Date

Because of the long weekend (October 1, 2, 3) the issue of *Campus News* for October 11 will close for press at noon on Friday September 30.

administered by the Sir Robert Menzies Centre for Australian Studies in the University of London as part of the Australian Bicentennial Scholarships and Fellowships Scheme, of which the University of London is Trustee.

The Scholarship grant will normally cover return economy air fare, reasonable maintenance in Britain for between three and six months, depending on the nature of the research project, and any required university fees.

Candidates should be graduates in one of the Sciences, preferably chemistry, and working towards a higher degree. While not specifying or restricting the area of research, the donors hope that it might include the chemical usage or technology of paper manufacture, or chemicals for use in building construction and timber treatment.

Applicants should give evidence that their research project is acceptable to, and capable of being carried out at, the proposed host institution in Britain.

Applications should be marked *Laporte Centenary Scholarship* and should be sent, with curriculum vitae and the names of three referees, one of whom should be their present supervisor, to reach the Secretary, Australian Vice-Chancellors' Committee, GPO Box 1142, Canberra, ACT 2601, by 31 October 1988. Candidates should ask referees to submit references direct to the same address.

### Visitors to Faculty of Education

Two visitors to the Faculty of Education during August and early September were Professor Pierre Dasen of the University of Geneva, and Professor Ron Cuming QC of the University of Saskatchewan.

Professor Dasen took his undergraduate degree with Professor Jean Piaget, and his doctorate at the Australian National University in 1969. Since that time, he has worked in many countries with indigenous peoples, extending Piaget's theory to accommodate principles of cross-cultural psychology (in what is known as the ecological functionalism hypothesis) which has validated the principle that each social group responds to the demands and pressures of its ecology by developing skills appropriate to that ecology.

Professor Cuming, who has been chairman of the Saskatchewan Law Reform Commission and consultant to various provincial governments in Canada, has just visited New Zealand as consultant to its government. His special interests are issues in the law of property equity, especially in the area of hire-purchase arrangements, and insurance against bad equity for innocent parties in financial arrangements. He is also interested in educational issues emanating from these interests.

Both professors visited the University as the guest of Associate Professor Philip de Lacey, with whom they have been working and publishing.

### Andrew Ford and The Piper's Promise

Former Fellow in Music at Bradford University, Andrew Ford was selected from a large number of composers in 1985 to have his opera *Poe* performed in the Australian Opera's first national Opera Workshop at the Sydney Opera House in November. In the same year he was the Sydney Opera House Trust's Bennelong Composer-in-Residence, a post which involved devising and producing a multi-media performance, *Tall Stories*, with 100 young people, which had four public performances. In the same month the Sydney Symphony Orchestra performed the first performance of *Epilogue To An Opera*.



Andrew Ford

Other recently completed compositions include a song cycle for Gerald English and The Seymour Group, a quartet for the Petra String Quartet and a music-theatre work, *From Hand to Mouth*, for Big Bird Music Theatre, which had its Australian premiere in Wollongong in 1985.

Current projects are a large orchestral piece, *The Big Parade*, a set of cabaret sounds with the Canadian writer Elizabeth Smart, and for the Bicentenary, *The Piper's Promise*, an opera for Wollongong young people.

Taking as its theme Robert Browning's *Pied Piper of Hamlyn* the opera is set in today's world.

The production is assisted by funds from the Australia Council and the NSW Government's office of the Minister of the Arts.

Words are by Sue Rowley and Jim Falk. The design is by Richard Hook. Conductor will be David Vance.

The opera opens at the Illawarra Performing Arts Centre on Friday September 30 and continues on Saturday October 1, Wednesday October 5, Friday October 7 (all at 8 pm) and Saturday October 8 at 2 pm and 8 pm.

Admission charges are \$14, \$12 PAC members, \$9 concession and \$37 for a family of four. Bookings at the box office, Illawarra Performing Arts Centre (042) 26 3366.

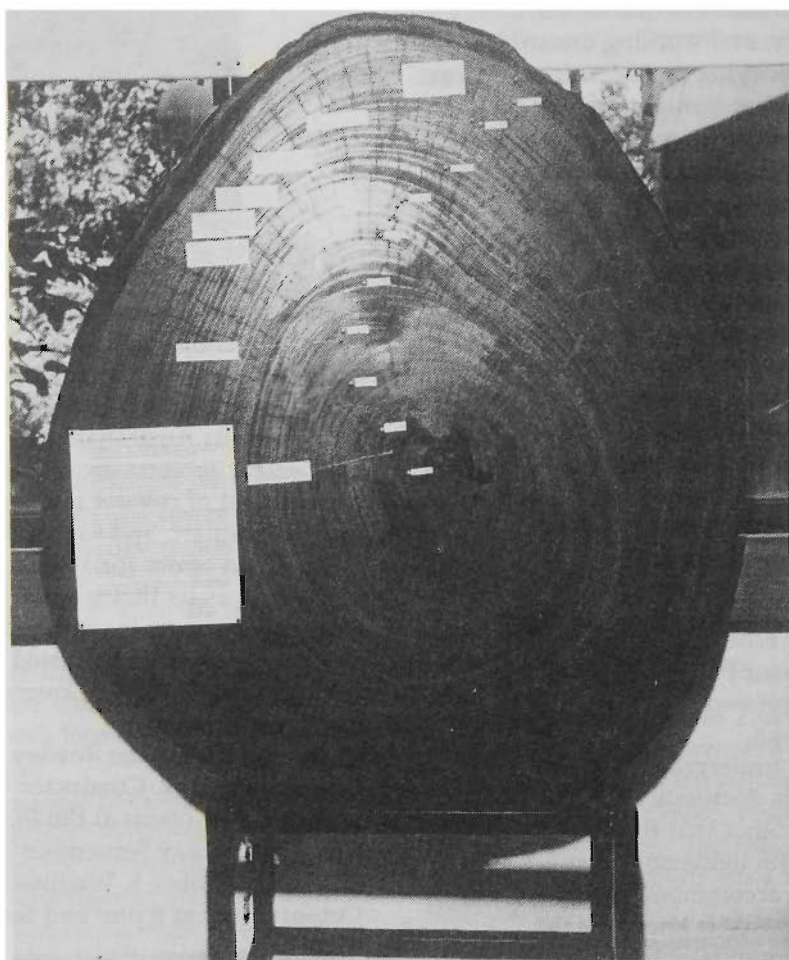
For more information about the music or the libretto telephone Andrew Ford (042) 27 0304 or David Vance (042) 27 0303.

## GRADUATION ON OCTOBER 13

The next graduation ceremony has been arranged for 2.30 pm on Thursday October 13. The ceremony will take place in the Sports Hall and awards will be made to graduands from all faculties by the Chancellor, Mr Justice Hope. The occasional address will be delivered by Dr G. Ramsey, Interim Chairman of the Higher Education Council of the National Board of Employment, Education and Training.

If you have any queries regarding the ceremony please ring Trevor Cuthbertson ext 3928, Moira Bowman ext 3360, or Marie Cooper ext 3947.

## Bicentennial Gift to the City



Cross-sections of the now-no-more campus figtree shown in our picture have been presented by the Friends of the University and the Department of Geography to the City of Wollongong as part of the Bicentennial Celebrations.

The cross-sections of the 530-year-old trunk were cut by the University gardening staff.

Of the timber 'slices' and of the Moreton Bay fig in general, Ted Bryant, David Prince and Jose Abrantes, of the Department of Geography, write:

### **Tree ring chronology-Moreton Bay fig (*Ficus macrophylla*)**

The Moreton Bay figs have always been a symbol of the Wollongong University campus; however after years of stress and poor growth, one of the largest figs collapsed under moderate winds in August 1988.

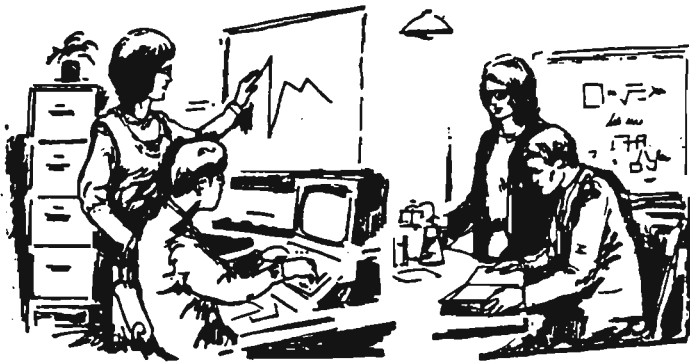
Two sections were cut by the gardening staff and prepared for display by the Geography department. To date no one has attempted a tree-ring chronology of Moreton Bay figs and thus the pattern of light and dark rings you see in this display cannot be definitely stated as representing yearly growth. Personnel from the Forestry Commission are suspicious that Moreton Bay figs at this latitude, because they have a distinct season for leaf and fruit drop, do not grow more than one set of rings/year. An additional piece of evidence that the ring sets are annual is the fact that prominent dark banding occurs at 10-11

year cycles. Separate research has identified this cycle in rainfall records in this part of NSW.

Note that rings in this section are not continuous but are only pronounced where the tree shows buttressing. It may also be possible for "fuzzy" rings to develop where alternating rainfall and drought dominate any annual cycle. These "fuzzy" or discontinuous rings show up around 1900 and 1650. Tree growth may also be suppressed or non-existent in a particular year because of defoliation by insect infestation.

We have assumed, and place some emphasis on *assumed*, for our conclusions could be slightly off-target, that the rings are annual and have counted only prominent light and dark sets in our chronology, using two adjacent cross-sections. Based upon this counting the maximum age of the tree is 530 years. Note that this display has a distinct core characteristic of the way a "strangler" fig such as the Moreton Bay fig germinates in another tree, extends roots to the ground, encircling this host tree, and then takes over. Samples of wood from these have now been sent for radiocarbon dating to confirm the chronology.

The display was prepared by soaking the cross-section repeatedly in ethylene glycol (anti-freeze) to prevent cracking and then sealing the surface with Danish oil after planing and sanding.



## Staff Roundup

### Second Tier Implementation – General Staff

The Agreed Settlement for payment of a four per cent productivity increase for general staff included a number of changes to working practices. Many of these are now operating effectively. However, two areas of change are not being implemented in line with the settlement.

First, staff should note that overtime worked cannot be paid in cash in full. The options are to take TOIL, or half cash and half TOIL. The Settlement does not allow for full payment in cash.

Second, staff are no longer entitled to take an afternoon tea break. Staff may take coffee at their workstations. The expectation, however, is that they will continue to work.

Department Heads have a responsibility to ensure that the conditions of the Settlement are adhered to as the government is funding only two per cent of the total increase – the remainder has to be achieved through increased productivity and decreased costs.

### Three per cent Wage Case

Academic staff have been granted a three per cent salary increase under National Wage Case guidelines to take effect from the first pay period on or after November 15. The Academic Staff Associations have been granted the pay rise on the condition that they agree to take part in discussions relating to any restructuring claims initiated by the University.

### Three per cent State Wage Case for General Staff

Discussions are continuing in relation to the granting of a three per cent increase for general staff. The case will be heard in the Industrial Commission next week and we should be informed of an operative date very soon after that hearing.

### Peter Johnston

It is with deep regret that we report the sudden death of Mr E.P. (Peter) Johnston, on September 1. Peter was a lecturer in the Department of History and Politics.

### Union Annual Dinner

Annual Dinner of the University Union will be held on Friday October 7. There will be a four-course meal, music by Don Harper and students from the School of Creative Arts. The speaker for the occasion will be Mr Bob Carr, leader of the Opposition in the NSW parliament.

Tickets are priced at \$16 for members, \$22 for others; Union Hall, 6.45 pm.



## Safety First at the University

The policy of The University of Wollongong is to provide a safe working environment for its staff, students and visitors. The University thus encourages all members of the University complex to regard accident prevention and safe working as a collective and individual responsibility.

In order to implement this policy, the University supports the activities of the Occupational Health and Safety Committee in monitoring the safety environment and safety awareness and training at all levels of activity.

The University regards seriously its corporate responsibility under the various Occupational Health and Safety Statutes and will ensure that all members of the University staff understand clearly their individual responsibilities outlined in such legislation. In this regard, Chairpersons of Departments and Heads of Schools and other Academic and Administrative Units are responsible for day-by-day safety within their areas of responsibility. The Safety Officer is available to advise on specific matters or assist in implementing safety programs.

The University insists that all staff and students work within the various legal requirements with regard to safe working and the current, and future, safety rules devised to protect them in specific situations.

Personal habits and conduct on the campus should be such that they do not cause accidents or hazards which may endanger members of the University or anyone else.

### AULLA XXV Congress

The 25th congress of the Australasian Universities Language and Literature Association (AULLA) will be held at Macquarie University from 5 to 10 February 1989. The congress will feature a special program entitled 'Discourse, Text, Medium', which will be devoted to new interdisciplinary developments in the study of language, literature, film, television and theatre.

In addition there will be the following individual sections: American literature, Anglo-Irish Literature, Australian Literature, Children's Literature, Classics, Drama and Theatre Studies, East Asian Studies, English Literature, Film and Television Studies, French, German, Italian, Linguistics and Stylistics, Literary Theory, Literature and History, Medieval Studies, New and Post-Colonial Literatures in English, New Zealand Literature, Semitic Studies, Slavonic Studies, and Spanish and South American Studies. There will also be a section on the use of computers in teaching and research in language and literature.

Postgraduate students are welcome to attend and to offer papers.

The last date for registration and submission of abstracts is September 30.

Registration forms may be obtained from the Congress Secretary, Mr Gerry Cohen, School of Modern Languages, Macquarie University NSW 2109, Tel (02) 805 7026.

# 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.

## Previously Reported in Campus News

	Internal Closing
National Teaching Co. Scheme	September 20
Wool Research and Development Fund 1989/90	October 1
Menzies Scholarships	October 14
Maxwell Ralph Jacobs Fund	October 17
Gowie Scholarship	October 17
Nursing Research Grants	October 17
Pig Research Council Grants	October 17
AVCC Visiting Fellowships 1989	October 17
Robert S. McNamara Fellowships	October 18
Rebecca L. Cooper Medical Research Grants	October 28
Benians Fellowships	October 30
Lionel Murphy Scholarships	November 16
Canada Australia Bicentennial Research Awards	November 16
Academy of Science China Exchange	November 17
Canadian Faculty Awards	January 17
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

## NHFA Science Research Scholarships

The National Heart Foundation invites applications for a limited number of scholarships for full-time research studies in science concerned with cardiovascular function or disease or related problems leading to the degree of PhD at an Australian university.

Applications close with the University on October 17.

## The Amy R. Hughes Scholarship

The Australian Federation of University Women invites applications for the Amy R. Hughes Scholarship. The scholarship is open to all members of the AFUW for study or research in any country on any subject, and is valued at \$3,500.

Applications close with the University on February 1.

## Pig Research Council Grants 1989/90

The Pig Research Council (PRC) invites applications to conduct research related to the pig industry in the 1989/90 financial year.

Applications close with the University on October 17.

## Canadian Studies - Faculty Enrichment Awards

Applications are invited from academics holding a PhD or its equivalent interested in receiving a Faculty enrichment award to assist in devising and teaching Canadian content at their employing institution.

Applications close with the University on January 17.

## EEO news...

### Government Assistance for Disadvantaged

A number of people has recently been making inquiries of the EEO Unit as to subsidies available for employing disadvantaged staff. The following is a brief summary of programs with which we are familiar.

#### 1. Job Start

A basic requirement is that a person must have been unemployed for six months in the previous nine months. Amount available varies, depending on age group from \$50 for 15-to-17 age group; \$75 18-20 age group; \$100 for 21-44 age group; up to \$125 for 45-plus. Subsidy lasts six months.

#### 2. Job Start Special

The requirement is that the person must have been unemployed for over 12 months in previous 15 months, or be especially disadvantaged. Subsidy \$75 for 15-17 age group; \$110 for 18-20; \$150 for 21-44; and \$180 for 45+ years.

#### 3. Employer Subsidies for the Disabled

For the first half of subsidy period \$196.95 a week for adults and \$104.30 for juniors. For the second half of the subsidy period \$86.90 a week for adults and \$63.70 for juniors OR award wage, whichever is the lesser. The subsidy lasts a minimum of 20 weeks and maximum of 52 weeks, depending on the skill level of the job.

#### 4. Subsidy for Disabled Apprentice

For an eligible disabled apprentice wage a subsidy of \$104.30 a week is available or the award wage if less than this amount.

An amount of up to \$2000 may be paid to enable modification of workplace.

#### 5. Work Training Program

Runs for 12 weeks. Commonwealth Rehabilitation pays \$46 to the person to supplement normal pension. The person can then apply for Job-Start.

If you have a person in mind for one of the positions, she or he would need to register with CES. Alternatively, if the jobs are available, the CES would be able to provide applicants for them. For further information contact the EEO Unit on extension 3917.

Peg MacLeod,  
EEO Coordinator.

## Seminars

### Department of Economics

Tuesday September 20:

Tran Van Hoa - Why all existing estimates of econometric models are sub-optimal.

Tuesday September 27:

J. Thampapillai and D. Lewis - Some experiments on consumer behaviour: a game-theoretic approach.

All welcome!

Please bring your lunch to room 19.2098 at 12.30 pm.

The seminars are informal and speakers will report on completed research as well as work in progress.

If you would like to present a seminar or nominate speakers from off-campus, please contact Charles Harvie (ext 3702) or Sandra Mark (ext 3654).

### School of Industrial and Administrative Studies

September 21, 10.30 am

Title: Fourth Generation Languages

Speaker: Glen Peary, Illawarra County Council

Venue: Building 22, Sperry Lab 3.

### Geography Department Staff and Visitors' Series

Room G027, 12.30 to 1.30 pm each Thursday.

September 22

Speaker: Mr Stephen Short, ANSTO, Lucas Heights.

Title: 'Uranium thorium dating: general principles and techniques'.

Special Seminar 5pm, room G027

Title: 'Uranium thorium dating of ferricretes'.

September 29

Speaker: Dr Lesley Head, Geography Department, University of Wollongong.

Title: 'Aboriginal use of temperate wetlands -- evidence from pollen'.

### Department of Biology Seminar Series Session II

The Department of Biology seminars are held at The University of Wollongong on Wednesdays at 3.30 pm in Room 19, Building 35.

September 21

Speaker: Dr Andrew Cockburn, Department of Zoology, Australian National University.

Title: Help or Hindrance: the costs and benefits of sons and daughters.

September 28

Speaker: Professor Michael Archer, Department of Biological Sciences, University of New South Wales.

Title: Riversleigh: new insights into the evolution of Australian vertebrates.

### School of Creative Arts Postgraduate Series

All sessions will be held in the Music Centre, 2.30 to 5.30 pm.

September 23

*Myth and Art*. Speaker: Professor Jon Harvey. Chair: Professor Edward Cowie.

October 14

*Time and Space in Art: Underlying (deep) Structures*. Speakers: Professor Edward Cowie, Ron Pretty. Chair: Sue Rowley.

### Department of Metallurgy and Materials Engineering - Session 2 Series

Wednesdays 4.30 to 5.30 pm Building 1, Room 134

Date: September 21

Speaker: John Anderson, Managing Director, Illawarra Technology Centre

Title: The Illawarra Technology Centre

Date: September 28

Speaker: Liqun Xu, University of Wollongong

Title: Wear of Materials

### Department of Accountancy and Legal Studies

The following seminar will be held in the Social Science Building, Room 2001 (Accountancy and Legal Studies Department).

Friday, September 23 at 11 am

Topic: Investment and Lending Decisions by Financial and Investment Analysts: An Empirical Investigation.

Speaker: Mr A. Chew, University of Technology.

All welcome. Any inquiries contact Hai Yap Teoh, Seminar Convenor, telephone 27 0625.

### School of Learning Studies Staff and Postgraduate Series

All seminars in Room 21.104 (Meeting Room), 12.30-1.30 pm

September 28

Speaker: Graeme Hendry, PhD student, School of Learning Studies

Topic: A constructivist theory of learning.

### Geography Department Student Series

Room G027, 12.30 to 1.30 pm each Wednesday.

September 28

Speaker: Jia Shu Shen

Title: 'Sediment transport in the surf zone'. (PhD progress report).

October 19

Speaker: Jonathan Nott

Title: 'Fluvial landscape evaluation in the Shoalhaven Basin'. (PhD progress report).

### Department of Biology Biomedical Evening Series

Each seminar will be preceded by a char-grill dinner at 6.30 pm in the Union Bistro. Those interested in attending the dinner should contact Dr E.J. Steele (042) 27 0434, so that appropriate bookings may be made. Seminars begin at 8 pm in Lecture Theatre G19 Building 35. (The assistance of Dr Stephen Andersen is acknowledged.)

September 28. A *Millipore* seminar on Molecular and Cellular Immunology. C. Goodnow, Clinical Immunology Research Centre, University of Sydney. *Immunological tolerance in transgenic mice*.

### Department of Science and Technology Studies

Date: Wednesday, September 28, 1.30 pm

Venue: Building 19 room 2061

Topic: Huxley and Woman's Place in Science: The 'Woman Question' and the Control of Victorian Anthropology

Speaker: Evelleen Richards

Thomas Henry Huxley, the famous 19th century

*continued overleaf*

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Darwinian, is conventionally depicted as adopting an 'enlightened' stand on women's issues. His well-known essay of 1865, 'Emancipation—Black and White', is usually cited in this connection. However, closer scrutiny makes Huxley's publicly reiterated support for female education and entry to the professions problematic. Moreover, he played a little-known but leading role in actively excluding women from professional science, specifically that socially sensitive science most closely concerned with the study of 'man' – anthropology. This paper offers a reinterpretation of Huxley's position on the 'woman question' and explores its implications for the professional and scientific aspirations of the 'young guard' Darwinians in the crucial period of the 1860s and 1870s, during which the Darwinians, led by Huxley, consolidated their 'takeover' of British science and its institutions.

## Concerts, Exhibitions and Entertainment

### Splinters – A comedy by Bill Condon

An amateur theatrical director who thinks he's Alfred Hitchcock, a sensitive young playwright who is having a love affair with a Norfolk pine, a young woman who wants to be loved for her mind, and a rich patron of the arts who's spirit guide watches her undress: these are the ingredients that make up *Splinters*, a comedy by local playwright Bill Condon, now playing at the Illawarra Performing Arts Centre.

The play is directed by Wollongong University research officer Rob Hood and stars well-known local actors, Arthur Brigg, Margaret Cruikshank, Jenny Nell and Paul Taylor. They are ably supported by Diane Clegg, Mary Wharton and a Norfolk pine.

Remaining performances are on September 21, 22, 23 and 24, starting at 8.15 pm. Tickets cost \$12 and \$8 concession; bookings can be made with the Performing Arts Centre on 26 3366.

For further information ring Rob Hood on ext 3646.

### School of Creative Arts – Diary of Events

#### September

#### Thursday 21

The Art of Lunch. Music Auditorium. Leading Dutch group Due Contemporain will give a recital of contemporary music, featuring *Boatsong* by SCA staff member Andrew Ford, 12.35 to 1.25 pm.

#### Friday 22

Postgraduate seminar. Music Auditorium, 2.30 to 5.30 pm.

## THE ART OF LUNCH

Free Lunch-time Performances

in music, theatre, film and readings

Every Thursday – 12.35 to 1.25 pm

Music Auditorium

### Thursday 29

The Art of Lunch. Music Auditorium. Local Product – scripts written, directed and acted by students of the School of Creative Arts led by theatre lecturer Bob Harper, 12.35 to 1.25 pm.

*Piper's Promise* – An opera for young people by Andrew Ford, Libretto by Sue Rowley and Jim Falk, Designed by Richard Hook. IMB Theatre, Performing Arts Centre, Wollongong. Friday September 30, 8 pm (opening night), Saturday October 1, 8 pm, Thursday October 6, 8 pm, Friday October 7, 8 pm, Saturday October 8, 2 pm and 8 pm.

### October

#### Thursday 6

The Art of Lunch. Music Auditorium. Roslyn Dunlop (clarinet), Peter Jacobs (percussion), and Daniel Herscovitch (piano) present a recital of exciting new Australian works, including music by Andrew Schultz and Michael Whiticker. 12.35 to 1.25 pm.

#### Friday 7

Preview – Bi-centennial Children's Art Exhibition, Long Gallery, 7 pm to 9.30 pm.

William Shakespeare's *Macbeth*, by students of the School of Creative Arts, directed by Jeff Kevin. Bridge Theatre, Coniston, 8.15 pm (preview).

First Year Printmaking Workshop – Textile studio.

#### Saturday 8

William Shakespeare's *Macbeth*, Bridge Theatre, 8.15 pm.

#### Saturday 8/Sunday 9

Silkscreen Weekend with Anne Ferguson for 2nd and 3rd year students – Textile studio.

#### Wednesday 12

William Shakespeare's *Macbeth*, Bridge Theatre, 8.15 pm.

#### Thursday 13

SCARP 2/1 launch, The Family Hotel, Bulli, 7.30 pm.

The Art of Lunch. Music Auditorium. Local Product – Number 2. 12.35 pm to 1.25 pm.

William Shakespeare's *Macbeth*, Bridge Theatre, 8.15 pm.

#### Friday 14

Postgraduate Seminar. Music Auditorium. 2.30 pm to 5.30 pm.

William Shakespeare's *Macbeth*, Bridge Theatre, 8.15 pm.

#### WANTED

Swing Set. Call Sue Smithers on extension 3929.

#### FOR SALE

Two-in-one record player and radio. Very good condition 'Expo' brand, with nearly new needle, \$50 ono. Phone S. Rice 28 7761 (H).

#### THE SOMAPRACTIC CENTRE

Student clinic available in Wollongong. Are you stressed and need your stress released? Do you have an injury or work related discomfort? Do you wish to improve your skill in sport or occupational movement? Would you like to improve your co-ordination, enhance your awareness, and move through the day with more comfort? For information and appointments phone 67 4389 or 29 7129 (also 28 3597 on Tuesdays only).

#### FOR SALE BY TENDER

The University has 20 Rockwell AIM 65 Computers available for sale by tender. All are in working order. No guarantee is offered on these items. Terms of sale are cash or bank cheque. For inspection, contact Mr Ron Parker, ext 3420.

Tenders close on September 23. Tenders should be placed in a sealed envelope addressed to 'Supply Office, The University of Wollongong, PO Box 1144, Wollongong, 2500' and noted on the outside front 'Tender for Rockwell Computer'.