THE UNIVERSITY OF WOLLONGONG CAMPUS NEWS

Distributed each Tuesday

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15 August 1989

Editor: George Wilson, Tel. (042) 27 0926 (042) 28 6691

Open Day to Focus on the Environment

The University will hold its annual Open Day on Sunday August 27 from 10 am to 5 pm. The program has been organised to offer something of interest to all members of the community. Intending students can get information about courses, applications, prerequisites, accommodation, careers and how to approach tertiary studies, at a series of forums in Pentagon lecture theatre 1 from 10.30 am to 1.30 pm. They can talk to academic advisers in departments as they watch demonstrations of current research applications, or talk to general advisers at the enquiry counter in the Administration Building.

The magic chemistry show and the interactive Science Centre will delight visitors whatever their ages – from six to 60. The Science Centre at Campus East, Fairy Meadow, was opened last month and on the presentation of an Open Day program will offer half-price admission.

Two performances of a new musical theatre piece based on Shakespeare's *The Tempest* will be held in the new Performance Space at the School of Creative Arts (half-price admission for Open Day), and visitors will be able to enjoy an exhibition of student and graduate art in the Long Gallery, as well as Don Harper's Jazz Band, two concerts by music students and a Chopin recital.

Open Day this year will have an environmental theme. A public forum on the logging at the south-east NSW forests has been organised, in a bid to remove the issue of tree harvesting from its contemporary setting of emotive confrontation to one of logical analysis and argument, and to provide an additional level of understanding for those who are confused but concerned by the vexed debate. Speakers will be:

- Dr Bill Hurditch, Forest Products Association, the industry view
- Mr David Ridley, District Forester from Eden, the management view
- Mr Brian Preston, adviser to the Defenders of the Environment, the legal implications
- Dr Rob Whelan, Department of Biology, the ecological aspects
- Dr Dodo Thampapillai, Department of Economics, the economic aspects
- Chairman: Professor Lauchlan Chipman.
 There also will be lectures on two other issues of environmental importance, Greenhouse Summer or



This ballooning picture was taken during last-year's Open Day, at the University enquiry desk, where staff worked non-stop from the start to virtually the point of exhaustion at the finish

Nuclear Winter?, Professor Jim Falk and Dr Ted Bryant; and Do We Have Obligations to Future People?, Ms Suzanne Uniacke.

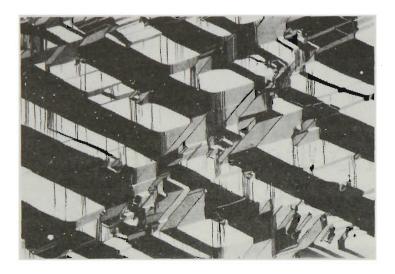
Open Day will give the University the opportunity to draw the attention of the wider community to the range of research work relating to the environment being undertaken in many of its departments.

As an aid to planning the promotion of next year's Open Day, Planning and Marketing Branch is conducting a survey by means of a questionnaire contained in the program. By completing the form visitors will have a chance of winning an Apple Mac Plus personal computer.

Tickets are selling fast for the Gala Performance of *The Tempest*. See page 6 for details. Contact Sheila Hall, 27 0985, for tickets

General Notices

University Metallographer Scoops International Pool



The major prizes at a recent International Metallographic Exhibit was won by Ms Lyn Middleton, Technical Officer in the Department of Materials Engineering.

Conducted as part of the sixth International
Conference on Martensitic Transformations, the Exhibit
was held at the Holiday Inn Menzies, Sydney, from July 3
to 7. These conferences are concerned with all aspects of
martensite, which is a particular structural feature of many
materials and responsible, for example, for the hardening
of quenched steel and for shape memory behaviour.
Ms Middleton has been working on shape memory
materials with Associate Professors Druce Dunne and
Noel Kennon since 1977 and has developed many
metallographic methods for the microscopical
examination of shape memory alloys, notably nickeltitanium, manganese-copper, copper-aluminium-nickel
and copper-zinc-aluminium.

The Metallographic Exhibit was a competition for photographs of martensitic subjects and entries from around the world were judged by an international panel of expert metallographers. Ms Middleton won first prize in the Optical Microscopy section for her photograph (shown above) of martensite in a copper-aluminium-nickel alloy. This photograph was also judged to be the best entry in the entire Exhibit and the judges proclaimed the quality of work in the entry to be quite outstanding.

Mr Andrew Heycott, a final-year student in Materials Engineering, won third prize in the Optical Microscopy section for a stunning colour photograph showing deformed martensite, also in a copper-aluminium-nickel alloy.

Druce Dunne and Noel Kennon were principal organisers of the conference, the first of the series to be held in the southern hemisphere. Previous locations have been Kobe, Japan, in 1976; Kiev, USSR, in 1977; Cambridge, USA, in 1979; Leuven, Belgium, in 1982; and Nara, again in Japan, in 1986. The 1992 venue will be Monterey, California, USA.

The Conference comprised 30 Technical Sessions at which over 130 papers were presented by delegates from 16 countries. Delegates and their companions also enjoyed a harbour cruise, dinner in the Sky Lounge of

Sydney Tower and the Conference Banquet after which the traditional impromptu, but well organised, concert revealed musical and other talent. The companions enjoyed outings to the Sydney Rocks area, Opera House, Sydney Aquarium, Darling Harbour and a bus tour to the Blue Mountains while the delegates worked.

Despite atrocious weather in the months leading up to the Conference, Sydney turned on her very best behaviour during the first week in July. The organisers take full and due credit for this vital part of the arrangements....

Annual Australian Map Circle Conference

The 18th Annual Australian Map Circle Conference will be held at Bathurst, NSW, from 28 to 31 January 1990. The theme will be: Maps, a graphic experience, their value and use, yesterday, today and tomorrow.

The Australian Map Circle is a national group of map producers, users and curators which acts as a medium of communication for all those interested in maps. The 1989 AMC Conference, held in Wollongong early this year, was extremely successful. For programs and registration forms contact Joanna McLachlan, or Rick Warrington, Land Information Centre, Department of Lands, Panorama Avenue, Bathurst, NSW 2795. Telephone: (063) 38 8200. For information about the AMC locally contact Richard Miller (Geography), Keith Gaymer (Library), Brian Rogers (Education) and David Martin (Geology).

Ingenuity Games for Engineering Students

As part of Professional Engineers Week in September, BHP is sponsoring ingenuity games for university and secondary school students of the Illawarra Region. Students are invited to take part in two types of event:

- Spaghetti Bridge: building of the lightest possible model bridge using spaghetti as the construction material for a model river crossing.
- Mouse trap Races: building of a vehicle to traverse the longest distance or race 15 metres or both using a mouse trap as the source of energy.

It is hoped that students from all branches of engineering will take part in one or both events, which are open to all Wollongong University students. Students can work as individuals or in teams of two or more.

The Games will be held at Westfield Shoppingtown, Warrawong, on September 6 and 7. Cash prizes are on offer to winners and runners-up.

The Games are supposed to be fun as well as tests of ingenuity in simple engineering designs.

Dr M. Sivakumar of the Department of Civil and Mining Engineering is co-ordinating these games for The University of Wollongong. Please register your interest with him by writing a note or telephoning the Department of Civil and Mining Engineering, ext 3055/3040. Application forms and further information are also available from Dr Sivakumar.

The closing date for application is August 28.

University of Wollongong Club News

An invitation is extended to all members and non-members of the University Club to attend a cocktail hour in the Clubroom on Thursday August 17 from 5.30 pm to 7.30 pm. Members free, non-members \$2. This is a good opportunity for members to meet one another and enjoy the comfort of the clubroom. Members are encouraged to bring a non-member – or non-members.

Flora Hutchison Hon Secretary

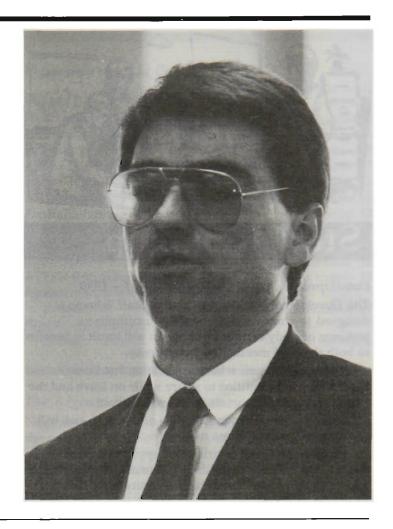
Wollongong Launches Company to Develop Intelligent Materials

Original work by Dr Gordon Wallace in The University of Wollongong's Department of Chemistry has attracted such attention in the commercial world that Polymer Systems Technology, a company established by Wollongong Uniadvice Ltd, was launched on August 3 and 4 to market the potential of his discoveries.

As most people on campus will by now be aware, Dr Wallace has developed 'intelligent materials', polymers capable of detecting changes in the environment and responding appropriately to them by releasing substances to counteract harmful effects.

This technology has immediate applications in pollution control, inhibition of corrosion, water treatment and has medical applications such as the detection of pathogens and monitoring of insulin levels in diabetics.

Since 1985 Dr Wallace has attracted over half a million dollars in financial support from industry. Some applications have already been commercialised; BHP is installing a device in Newcastle which makes industrial process control more efficient by the instantaneous detection of heavy metals in industrial effluents. Before this device was available samples were taken to a laboratory and several days elapsed before results became available.



Centre Initiates Major Study of Australian Freight Movements

What type of freight, and how much of it, is moving by road or rail, for example, between Sydney or Melbourne? Or Brisbane and Sydney? Or Melbourne or Adelaide? Or from the south west of Western Australia to Perth or Fremantle? Or from western NSW to Sydney or

Dr Howard Quinlan (middle) discusses progress of the freight project with Dr Sophia Everett, Research and Post-doctoral Fellow, and Dr Ross Robinson, Associate Professor and Director of the Centre for Transport Policy Analysis



Melbourne? How important are air-freight movements? Or rail-freight movements to and from the nation's ports?

The simple answer is that nobody knows for sure. It is by guess and by God! Yet, in this land of vast distances and high transport costs, such information is fundamental for freight authorities, for truck operators, for railways and ports, for industry and for governments – federal, state and local – in planning infrastructure.

The Centre for Transport Policy Analysis has begun a major three-year project aimed at defining Australia's domestic freight movements. It will represent the most comprehensive study of freight movements ever carried out in Australia and will, for the first time, provide comprehensive data on the movement of 35 major commodity groups moving between 90 major regions in Australia.

A Senior Research Associate for the Centre, Dr Howard Quinlan, will be largely responsible for the day-by-day research involved in the project. Formerly with the Bureau of Transport Economics and the Federal Department of Transport, Dr Quinlan is probably Australia's leading expert in the field of freight movement.

The study is being sponsored by the Inter-State Commission, the Bureau of Transport and Communications Economics, the NSW Road Freight Transport Association, the National Association of Australia, State Road Authorities and the South Australian Department of Transport. It has generated widespread support also from industry, industry associations and government.

The Centre has established an enviable reputation within the field of freight transport in Australia and expects to initiate a number of related projects on freight policies and freight transport modelling.



Staff Roundup

Development Leave for General Staff - 1990

The Development Leave for General Staff Scheme is designed to enable a staff member to complete a program of study and/or visits which will result in benefits to both the staff member and University.

A member of staff whose application has been successful will be entitled to salary while on leave and the cost of travel and accommodation will be paid.

Leave may be taken in Australia or overseas and will not normally exceed three months.

The scheme is competitive and applicants must be able to demonstrate significant personal development and substantial benefits to the University from their proposed program.

All members of general staff are entitled to apply. Full details on terms and condition of leave and a suggested application format can be obtained from Shirley Jorgensen, ext 3946.

Applications for 1990 will close on October 15, and should be addressed to the University Secretary.

Staff Development Courses

Selection Techniques Workshop for Deans and Heads of Units

September 27.

Special one-day workshop designed for Deans and Heads of Units. In line with the University's legislative requirements and commitment to EEO, the workshop will provide guidelines on how to meet legal requirements on staff selection and thereby minimise chances of appeal.

Career Development

September 14 and 15.

A workshop designed to assist participants to explore personal vocational directions and career options. RSVP August 29.

University Finances (General Staff)

September 19.

Half-day seminar presented by the finance unit to help you work your way through the financial maze. RSVP August 30.

Nomination forms for Staff Development Courses may be obtained from Shirley Jorgensen, ext 3946.

Faculty Exchange Program – Association of Southeast Asian Institutions of Higher Learning (ASAIHL)

ASAIHL with the support of QANTAS will launch a faculty exchange program between Australia and the Southeastern Asian countries in order to stimulate greater academic co-operation in the region.

A scholar from Australia will be entitled to visit a minimum of two institutions in Malaysia for a minimum period of two weeks in each institution.

Proposals for exchange will be accepted up to November 19 for selection on December 3.

For further details contact Shirley Jorgensen, ext 3946,

ANZAAS Congress

The 59th Congress of the Australian and New Zealand Association for the Advancement of Science (ANZAAS) will be held at Hobart, Tasmania, from 14 to 16 February 1990. Theme of the congress is Global Change and the South-west Pacific. Chairman of the organising committee is Emeritus Professor P. Scott, AO, OBE.

The Congress will be held on the campus of the University of Tasmania, which will celebrate its centenary immediately preceding ANZAAS, from 10 to 13 February 1990.

Tasmania has a record of successful ANZAAS Congresses with specially conducted tours and events to make families welcome. The two days preceding the Congress have been reserved for tours, workshops and excursions. In contrast to previous Congresses, the 59th is to be held in the summer season with its long warm evenings.

The theme has been chosen to coincide with the commencement of the International Geosphere-Biosphere Program (IGBP) by the International Council of Scientific Unions in 1990. This ten-year program, involving most of the major scientific organisations and a growing number of national academies of science, is the most comprehensive, collaborative research program ever undertaken. The global changes it seeks to investigate are of outstanding importance for the future of humanity.

Supported by the Australian National Committee for

the IGBP of the Australian Academy of Science, the congress aims to bring together from South-west Pacific nations specialists interested in global change.

The program will include specialist ANZAAS lectures, plenary lectures by distinguished scholars on the Congress theme, paper sessions, symposia and workshops.

The program is taking shape; parallel sessions of common interest will be coordinated by internationally renowned experts. The Congress theme has been subdivided into five subthemes with sessions indicated.

More are expected:

Changes in Earth-Atmosphere systems; Modelling climate change, Atmospheric chemistry, Recent trends in greenhouse/ozone research.

Changes in Terrestrial Ecosystems; Vegetation changes, Antarctica over the last 20m years, Change on a geological time scale, Forest ecology, Archaeology, Agricultural impact.

Changes in Oceanic Systems; Sea level changes, Oceanography, Coral atolls.

Monitoring and Managing Change; Management aspects, Urban and regional planning, Engineering for change.

Social Responses to Change; Historical aspects, Tourism aspects, Education, Manufacturing and tertiary industry, Human nutrition, Public health, Public policy.

Research Funds

The sources of research funds given below are available to members of academic staff. Further information including application forms may be obtained from Kim Roser (ext 3201). Intending applicants are reminded that all research applications must be forwarded through the Office of Research and Postgraduate Studies.

Fenner Conferences

With the support of Professor and Mrs Fenner, The Australian Academy of Science conducts a series of conferences on environmental and conservation issues in Australia and its environs. One conference may be supported each year with a grant of up to \$5000. Proposals are now invited for a meeting in 1990 or 1991.

Applications close with the University on August 17.

Heritage Assistance Programs

The Department of Planning invites applications for programs to assist the promotion and conservation of heritage items in NSW.

Applications close with the University on August 24.

1990 Fulbright Awards

The Australian-American Educational Foundation invites applications for Fulbright Awards for study, research and lecturing in the United States for Postdoctoral Fellows, Postgraduate Students and Senior Academics. Applicants must be Australian citizens and resident in Australia at the time of application. Awards are tenable in the United States from 1 July 1990 to 30 June 1991 and successful applicants will be required to return to Australia at the completion of the program.

Applications close with the University on August 16 for Postdoctoral/Postgraduate Students and November 16 for Seniors.

Robert S. McNamara Fellowships

The World Bank has invited applications for ten fellowships to be awarded for a 12-month period for fulltime work in the general field of economic development. This years special emphasis will be in the area of Economics of Gender Issues in Development and Economics of Environmental Sustainability.

Applicants are normally 35 years of age or under and have the equivalent of at least a Master's degree. This Fellowship program is not intended to support work leading to an advanced degree and must be carried out in a Bank country other than the candidate's own.

Applications close with the University on October 17.

Scholarships, Fellowships and Prizes

ANZAAS Medal 1990

Nominations are invited for the 1990 ANZAAS Medal from persons who have made outstanding contributions in the advancement of science in Australia and/or New

Applications close with the University on September 16.

Previously noted in Campus News

Internal Closing Date August 26 Visiting Fellowships – CSFO, AEAP and Greek Harkness Fellowships August 31 September 1 Nuffield Fellowships Leukaemia and Cancer Grants September 8 September 15 Applied Sports Research Program AFUW (Qld) Fellowships September 16 September 16 Telecom Education Fellowships September 17 Australia-Japan Foundation Visits September 17 Bilateral Science and Technology Programs September 17 Japanese Government Research Awards September 19 Japan Society Exchange Program ATERB P/G Scholarships October 19 Academy of Science China Exchange November 17 Program Health and Community Services Research Grants Any time

The Edgeworth David Medal

Nominations are invited by The Royal Society of NSW for the names of suitable persons who have contributed significantly to science, including scientific aspects of agriculture, engineering, dentistry, medicine and veterinary science. Applicants must be under 35 years of age and the award will be for work done mainly in Australia or its territories.

Applications close with the University on September 16.

Friends of the University

Mass of the Mater Dolorosa

Two members of the Friends have again sponsored the University Singers to perform at the Mass of the Mater Dolorosa, 7 pm Friday September 15 at the Mater Dolorosa Church, Balmoral St, Balgownie. All Friends members are invited.



Women in Tertiary Institutions (NSW)

The next meeting of WITI (NSW) will be held at The University of Wollongong. All interested women are invited to attend.

Date: Friday August 18. Time: 12.30 to 2 pm.

Venue: Room 2100 (2nd Floor, Sociology Department), Building 19 (Social Sciences Building).

Some of the issues for discussion on the agenda will be:

- Amalgamation and restructuring of higher education.
- Women in the secondary academic labour market: women in contract and casual employment.
- Women and HECS.
- Unions and EEO.
- The 52 per cent Charter: Strategy to have 52 per cent of the National Research Budget allocated to women.

Peg MacLeod EEO/FOI Co-ordinator

Ext 3917



OPEN DAY

SUNDAY, AUGUST 27 10.00 AM — 5.00 PM 'Focus on the Environment'

A DAY FOR THE WHOLE COMMUNITY

- FORUMS FOR INTENDING STUDENTS
 Accommodation, prerequisites, applications, courses, adjusting to tertiary studies, careers options.
- RESEARCH DISPLAYS
- FUN ACTIVITIES FOR THE CHILDREN
- PERFORMANCES OF 'THE TEMPEST' A new music theatre piece 11 am 3.30 pm
- SPECIAL 1989 FEATURE: 'FOCUS ON THE ENVIRONMENT'
 - Forum on South East NSW forests with a guest speaker provided by the Timber Industry Advisory Council – 2.30 pm (Chaired by Professor Lauchlan Chipman)
 - Lectures on environmental ethics, greenhouse effect, nuclear winter.
 - Displays of environmentally orientated research.
 - ~ Learn about your environment at the interactive Science Centre.

For further information and program of events phone (042) 27 0110.

THE UNIVERSITY OF WOLLONGONG



The Tempest

A Musical Adaptation of Shakespeare's Play by Students of the School of Creative Arts Directed by Peter Shepherd Movement Design by Lisa Scott-Murphy NEW UNIVERSITY THEATRE

Wednesday August 23 at 8 pm Thursday August 24 and Saturday August 26 - 8 pm Tickets: \$10 and \$6 concession

School performances (to be announced) - \$4 Gala performance Friday August 25 (see below)

University Open Day Sunday August 27 – 11 am; 3.15 pm – \$4

Gala Evening

FRIDAY AUGUST 25

The evening will include

6.30 pm – Preview of Student Work in the Long Gallery

with light refreshments and musical items
7 pm – Exhibition Official Opening
7.45 pm – Opening of the new Theatre by the
Vice-Chancellor, Professor Ken McKinnon
8 pm – Performance of *The Tempest*

in the New Theatre

10 pm - Sit-down supper with selected table wines at the University Bistro

Tickets \$50 each

Phone 27 0985 for bookings and information

Concerts, Exhibitions and Entertainment

Shirley Valentine at The Bridge

Bookings are now open at the Bridge Theatre for the Sydney Theatre Company's production of Willy Russell's Shirley Valentine, starring Julie Hamilton.

The Theatre South season opened on Thursday, August 3 and continues until Saturday, August 26, playing Wednesday to Saturday evenings at 8.15 pm, Saturday and Sunday matinees at 4.30 pm, and the popular Lunchbox Theatre matinees at 10.30 am on Wednesdays.

The season at Theatre South's Bridge Theatre cannot be extended. The production is booked to return to Sydney following its sell-out season earlier this year.

Already some performances are sold out. Intending patrons are urged to book as soon as possible to avoid disappointment.

The play has been honoured with awards around the world and tells a warm, funny and compassionate story of a middle-class English housewife who decides on a change in her life. Her life and ours are changed after two brief hours in the theatre.

The Sydney Theatre Company production is directed by George Ogilvie, designed by Kristian Fredrikson, and lit by Nigel Levings (recreated by Neil Finlayson).

Special arrangements have been made for Theatre South patrons to reserve their seats for *Shirley Valentine* at the Illawarra Performing Arts Centre in Burelli Street, Wollongong.

Cabaret

Cabaret is not only a musical but a play about the rise of the Nazis in Germany.

It is a play about freedom to be yourself (as in the cabaret) and a play about the suppression of individuality that resulted in the death of millions of people.

It warns us about the dangers of extreme political points of view.

To be staged by the School of Creative Arts, the play will open on September 13.

Jeff Kevin Director

The Art of Lunch

August 17

Bag Project: Dutch sculptor and performance artist Jose Aerts is Artist in Residence at The University of Wollongong and presents the first of two performances. August 24

The Seraphim Trio: Floyd Williams, lecturer in clarinet at Queensland Conservatorium, is joined in a recital by faculty from the University of Cincinnati, Patricia Berlin (mezzo-soprano) and Donna Loewy (piano) in Alison Bauld's Banquo's Buried plus works by Horvit, Brahms and Spohr.

August 31

Caribbean poet, Professor Eddie Baugh, is a visitor to the English Department. He will read from his recent work

September 7

Hartmut Lindemann, viola tutor at Wollongong University and former Principal Viola, Sydney Symphony Orchestra, is joined by Sandra Kua (piano) in works by Milhaud, Ravel, Debussy and others.

Farewell Dinner - Professor Peter Rousch

After approximately nine and a half years on campus, Professor Peter D. Rousch, Deputy Vice-Chancellor (Services and Development), and Director of the Wollongong Institute of Education before amalgamation, retired on Friday July 7. A dinner in his honour has been organised for those friends and colleagues who would like to have an opportunity to say farewell.

Date: Friday August 18 Time: 7 pm for 7.30 pm

Venue: Common Room/Union Hall – to be advised – Union Building, The University of Wollongong,

Northfields Avenue, Gwynneville.

Cost: \$27 per head, covers pre-dinner savouries and three-course meal with orange juice and carafe wine throughout the meal; and dinner music by the Gleniffer Quartet.

Full bar service will be available.

Tickets: Available from Lee-Anne Owen, Vice-Chancellor's Unit.

Donations for a present may also be left with Lee-Anne.

School of Creative Arts in August

Friday 18

SCAW Ensemble combine with The University Singers to present a concert of Australian Chamber and Choral Music of the Twentieth Century. Music Centre, School of Creative Arts. 8 pm.

Monday 21

Career Choices in The Arts. A series of lectures given by guest speakers in various art fields and geared towards an alternative look at art careers. Guest speaker – Brigitte McCarthur, Australia Council, Professional Development of the Artist. 12.30 – 1.30 pm.

Tuesday 22

Arts to Dinner – University Bistro. Musica Troppo and other entertainment. Dinner from 5.30 pm. Entertainment 8 pm.

Diary - School of Creative Arts

Long Gallery, The University of Wollongong, Northfields Avenue.

Open to public Monday to Friday 10–12.30 and 1.30–4 pm; Sundays 1.30–4 pm.

Sales area: Small paintings/prints/ceramics/art cards/frames/SCARP magazine.

Friday August 18 to September 10

Official Opening Friday August 25 at 7 pm by Laurens Tan, to be followed by Gala Performance of 'The Tempest' at 8 pm.

Past and Present – Graduates and 1st and 2nd Year Creative Arts Students.

Sunday September 17 to October 8

Preview Friday September 15, 7.30 pm to 9.15 pm.

Gregor Cullen: Original prints; Ann Ferguson: Original prints; Leonie Molloy: Original prints; Idris Murphy: Paintings/The Ecumbene Lithographs/The Heretic, DCA Submission; James Taylor: The Little Paralleli Piped/Retrospective Typographics/and Exhibition of Books, Works and Typography, MCA Submission; Simon Tognetti: Ceramics.

Seminars

Department of Psychology

Seminars are normally held in 19.1056, Tuesdays between 12.30 and 1.30 pm.

Tuesday August 15 No Colloquim.

Tuesday August 22

Speaker: Professor William Lovegrove, Department of Psychology, The University of Wollonogng.

Topic: What comes first – whole or the parts? the global precedence effect in visual processing.

Department of Geography

Date and time: Wednesday August 16, 12.30 to 1.30 pm. Speaker: Dr Ted Bryant, Department of Geography, The University of Wollongong.

Topic: The search for higher sea levels: Wollongong to the Cobourg Peninsula. (Quaternary Research Program and Geographical Society Presentation).

Venue: Building 19, Room GO.26.

Date and time: Thursday August 17, 12.30 to 1.30 pm. Speaker: Dr Brian Chalkley, Department of Geographical Sciences, Polytechnic South West, U.K.

Topic: Are small firms the answer to urban unemployment?

Venue: Building 19, Room GO-27.

Illawarra Statistical Group

The first meeting for 1989 will be held on Wednesday August 16 from 6 to 6.45 pm.

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

Speaker: Dr Van Uu Nguyen, Department of Civil and Mining Engineering, The University of Wollongong.

Topic: Combining Expert Opinions by Fuzzy Sets, Mycin Rules and the Theory of Evidence – an Empirical Comparison.

Abstract: The seminar describes application of current Expert Systems methodologies in combining opinions or estimates given by different experts. Theoretical underpinnings and limitations of fuzzy set theory, Dempster-Shafer's theory of evidence, and MYCIN rules, commonly used in approximate reasoning under uncertainty are discussed and modifications of the procedures required in the present applications are highlighted.

You are invited to meet the speaker and enjoy refreshments from 5.30 pm before the meeting in Room 203. Also, your suggestions are invited for future topics and speakers.

Dinner: An informal dinner will be held after the meeting at a nearby restaurant. If you wish to attend please call John Flanagan (75 6480), or Chandra Gulatí (27 0836), convenors.

Department of Electrical and Computer Engineering

Date and time: August 21, 12.30 to 1.30 pm.

Speakers and topics: Mr P. Antony, Fibre Optic Sensors; Mr S. Aiau, Swings in Energy Systems.

Venue: Building 35.G45.

The Environmental Science Board of Studies in association with the Department of Mechanical Engineering

Date and time: Thursday August 17, 12.30 pm.

Venue: Building 35G.45. Speaker: Mr Les Higham.

Topic: An Engineer's View on the Greenhouse Effect.
Les Higham is the Director of Higham and Associates
Pty Ltd, a company specialising in environmental risk

Pty Ltd, a company specialising in environmental risk management. Before forming his own company, Les gained a wealth of experience practising as an environmental engineer. He is currently chairman of the National Committee on Environmental Engineering of the Institution of Engineers, Australia. He has been the Institution's key contact on the Greenhouse Effect for the past two years and is responsible for the preparation of the Institution's National Policy on the Greenhouse Effect.

Recently Les served as the Institution's representative on the Environmental Science Visiting Committee at The University of Wollongong. This Committee was set up to review the Environmental Science Program and has recommended the introduction of a four-year professional degree.

You are cordially invited to attend. Further details can be obtained from the convenor, Dr R.T. Wheway on (042) 27 0052.

School of Learning Studies

For your diary: seminars will be held on August 23, September 6, September 20, October 13, October 18, October 25. Bring your own lunch, coffee and tea will be provided. Inquiries to Bill Winser, School of Learning Studies, ext 3963.

Date: Wednesday August 16. Venue: Building 21.104.

Speakers: Dr Ted Booth, Dr Jenny Jones and Dr Michael Wilson.

Topic: Report from Australian Curriculum Studies Association Conference 1989: Teacher Appraisal: A Spreading Disease; Girls and Maths; The National Curriculum.

Date: Wednesday August 23. Venue: Building 21.104. Speaker: Ms Jan Turbill.

Topic: The Language Teachers Use to Teach Literacy.

Department of Chemistry

Tentative seminar program.

Seminars are held on Thursdays at 11.30 am in Room 18.206. Inquiries to John Carver, ext 3340.

Date: August 17.

Speaker: Dr Bob Steele, CSIRO Division of Food Processing, Food Research Laboratory.

Topic: Sulphur dioxide – a look at the sordid lifestyle of a wanted undesirable.

Date: August 24.

Speaker: Dr Phillip Crisp, Department of Chemistry, The University of Wollongong.

Topic: New methods for the determination of surfactants.

New Literatures Research Centre

Seminars will occur on Fridays at 2.30 pm in the English Department (Building 19, Rm. 1095) of The University of Wollongong.

For further information, please contact Paul Sharrad, (042) 27 0705, or Shane Donnelly, (02) 525 0186.

Date: August 18.

Speaker: Edward Baugh. (English, University of the West Indies, Barbados).

Topic: The Interplay of Oral and Scribal in Caribbean Literature.

Department of Biology

Session II seminars to be held in Lecture Theatre G.19, Building 35, 12.30 pm.

Date: August 22.

Speaker: Shan Holmes.

Topic: Human cytomegalovirus glycoprotein complex, gB in infected cells.

Biomedical Evening Series

Each seminar will be preceded by dinner at the Union Bistro at 6.30 pm. All those interested are welcome to meet the speaker at the Bistro. Please contact the Convenor so that appropriate table bookings can be made. The seminar begins at 8 pm in the Biology Meeting Room, building 35.

Convener: Dr E.J. Steele (042) 27 0434

Date: Wednesday August 23

Speaker: Dr Len Storlien, Garvan Institute of Medical

Research, St Vincents Hospital, Paddington.

Topic: Dietary fats and disease.

Department of Accountancy

Seminars are held in the Social Sciences Building, Room 2001, in the Department of Accountancy at 11 am.

Anyone interested is cordially welcome. Inquiries please contact Hai Yap Teoh, Seminar Convenor, telephone 27 0625.

Date: Friday August 25.

Topic: Responsibility Operation, Lease Operation and Cooperation: A Study of Business Operations in China from an Accounting Perspective.

Speaker: Mr Wei Ming, Visiting Lecturer, People's University of China, People's Republic of China.

Department of Languages

Date and time: Thursday August 31, 3.30 pm.

Speaker: Madame Claude Debon, Chair, Department of French Literature, Universite de la Sorbonne, France.

Topic: Apollinaire's Caligrammes.

Venue: Building 19.2103

Advertisements

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