Number 25, 1995

UNIVERSITY OF WOLLONGONG

Wednesday, 30 August

CAMPUS NEWS

More than $40m building projects approved

The University Council has approved a Capital Development Program for 1995-98 involving expenditure of more than $40 million.

These developments will greatly enhance the facilities and bring the long-term vision for the campus closer to fruition.

The developments include:

- An extensive internal refurbishment of Building 19, a major building housing the Faculty of Arts, which was constructed in the '70s.
- An additional 370 carparking spaces.

Continued page two

Warwick Grace from Buildings and Grounds (back to camera) supervised the planting of the Red Kamala trees which was closely documented by the local media.

Rare rainforest trees planted on campus

Buildings and Grounds staff at the University have planted two rare rainforest trees as part of the bush regeneration program in the south-western section of the campus. They are specimens of the Red Kamala tree.

The trees were propagated by the Wollongong Botanic Gardens from a specimen discovered at Mt Keira and donated to the University.

Mt Keira is the southern limit to the range of this tree. Only 10 sites have been identified in this area. The next location is in Newcastle.

This tree was used by the Aborigines to make dye for body and bark painting, and is still used by south-east Asians.

It grows to about 10 metres and has attractive red berries.

Posto

Allan Sefton Memorial Lecture 1995

DATE: Thursday, 21 September
TIME: From 6.30pm
VENUE: Union Function Centre, Building 11

The late Allan Sefton was well known for his work as a naturalist and conservator of the local environment.

He was an employee of the Port Kembla Steel Works, but spent most of his spare time recording information about the local flora and fauna, advising on the best use of resources and attempting to ensure that the local environment was properly managed.

In 1993, in recognition of his contributions to environmental science, Wollongong City Council and BHP donated funds to the University to honour the memory of Mr Sefton and his work. Portion of the funds are used to award a prize to the best student graduating in the Honours Bachelor of Science program. The balance is used to establish this annual memorial lecture.

This year the Allan Sefton Memorial Lecture in Environmental Science will be given by Dr Denis Saunders, an animal ecologist, Senior Principal Research Scientist in the CSIRO and Officer-in-Charge of the Western Australian Laboratory of the Division of Wildlife and Ecology.

He has studied the ecology of black cockatoos and the effects of development on their distribution and abundance, the ecology of islands and conservation of island bird communities, and the conservation of bird communities in agricultural landscapes.

Recent research has concentrated on the integration of nature conservation with agricultural production in a total landscape management approach.

He is committed to conservation and to communicating ecology and conservation to all members of the community.

He has written two books and more than 100 scientific papers, chapters in books and other publications.

He has also edited eight scientific books, including four in the Surrey Beatty and Sons Nature Conservation series.

Dr Saunders will speak on 'The Role of the scientist and volunteer in environmental research. Can they make a difference?' The most critical land degradation problems and threats to biological diversity facing Australia at present occur in the intensively cleared wheat-sheep zones which make up about 15 percent of the area of mainland Australia.

Removal of native vegetation, together with past farming practices, have resulted in widespread degradation of the soils, changed hydrologic regimes, wind and water erosion, altered soil structure and acidification of the soil.

These have all led to decreased agricultural productivity and loss of productive land.

In addition, removal of native vegetation, fragmentation of the remainder, introduction of exotic species and other changes to ecological processes have resulted in the decline and extinction of many species of native plants and animals.

The real extent of these disappearances and extinctions are not yet known.

Scientists, farmers, other land managers and volunteers must work together to produce solutions to the problems of landscape degradation, declining agricultural productivity, and declining biological diversity.

Such solutions will need to be based on ecological principles, constructed at the landscape level, but be applicable at the level of the individual farm, the smallest landcare management unit.

They must take cognisance of what is practical, what is economically achievable, and who will do the work.

Research in the wheat belt of Western Australia which is dependent upon volunteers will be used to explain opportunities for research into, and the extension of, concepts of integration of conservation of biological diversity with agricultural production.

More than $40m building projects approved

- A new building to link the present facilities occupied by the Faculty of Creative Arts which will give this Faculty an identifiable 'home' as well as enable the improvement of some less attractive areas and the removal of temporary buildings.
- An additional wing for the new Science Building.
- An extension to the Engineering buildings.
- A building which will link the Library and the Union buildings and centralise most of the student Information Technology services presently spread across the campus.
- A new facility for the Buildings and Grounds Department to centralise many of the Department's activities.
- Extension to the Child Minding facility.
- A general Academic Building on the site of the old eastern tennis courts.
- The first stage of development of Campus East.

As well, improved facilities will be provided for the disabled in the form of ramps and lifts.

The new buildings will be designed to improve the quality of research space available to postgraduate students.

The University of Wollongong campus is recognised as one of the most attractive in the country and these new developments will enhance that reputation.

A process of extensive consultation with all users is underway to finalise the details.

Postgraduate Research Student Open Day – 31 August

Supervisors Beth and Adam having afternoon tea with the after-school care group

Kids Uni after-school service opens to the community

In a move to expand the services of Kids Uni to the community, the childcare service including after-school and vacation care has been offered to people in the local area.

There are vacancies available in the after-school and vacation care programs.

Open from 3-6pm each day, the after-school care group caters for children from kindergarten through to year 6.

It is fully programmed two weeks in advance and this is useful to all involved including the staff, children and parents.

The children are fully supervised as they participate in art, craft and sporting activities.

All the activities are based on the anti-bias curriculum (ie. gender, race, disability etc).

This integrated program operates on the basis of a family group.

It encourages the children to respect each other and work together, irrespective of their age.

After-school care coordinator, Ms Beth Nasser, said it teaches the older children tolerance and it also helps the younger students to adapt to having older people around them, especially if they do not have brothers or sisters.

Ms Nasser said it is also an excellent environment for children to learn English.

This is useful for the children of international students and staff who may be studying at the University.

They have two staff for 20 children each day.

They also have several associate diploma in child-care students from TAFE who undertake practical work experience with them.

The staff work from 2-6pm and the children arrive around 3.45pm.

There are 10 students attending most afternoons, but at least 15 are needed to make the operation viable.

Another special feature of Kids Uni is the pick-up service.

Arrangements can be made to collect children from the bus stop in Madoline St, Gwynneville (from Gwynneville and St Brigid's School)

A possible service for the future is a taxi pick-up service from Keiraville school.

This will start if more than four bookings are made for the service.

Enquiries: Trudy Ruiz at Kids Uni, phone 213 072.

Postgraduate Research Student Open Day

Distinguished visitor to give seminar

Dr Reg Davies, Research Manager and Principal Division Consultant, Particle Science and Technology, EI du Pont de Nemours & Company Inc, Wilmington, NJ, USA, will visit Wollongong on 13 and 14 September.

Dr Davies is one of the keynote speakers at Chemeca 95 being held in Adelaide and Professor Peter Arnold (Department of Mechanical Engineering) has arranged for him to be a guest lecturer.

Dr Davies will give a two-hour seminar and he will select his topics from:

- Basic introduction to DuPont, his group and their objectives;
- Research work in Comminution/Attrition;
- Research work in Off and On-line Measurement of Size and Morphology;
- Research Work in S/L Separation/Slurry Technology;
- Research work in Materials Handling.

The seminar will be held in the Mechanical Engineering Seminar Room, First Floor, Building 8 from 2-4pm and everyone is invited.

Contact Professor Arnold ext. 4566, if you would like more details or if you would like to meet Dr Davies during his visit.

He is expected to be on campus from about 2pm on 13 September to 4pm on 14 September.

Dr Turcotte's award from Canada

Dr Gerry Turcotte has just been awarded the inaugural Canada–Australia Centennial Grant for Literature.

The grant was offered by the Canadian High Commission to celebrate the centennial of trade relations between Canada and Australia.

Dr Turcotte will apply the $3000 to his work on the *Canada-Australia Prize Anthology* which he is preparing for the University of Queensland Press.

This is his second grant from the Canadian Government.

The first, a Faculty Enrichment Award, enabled him to travel through Canada and to work with elders in the Canadian First Nations and Métis communities.

The grant also included a significant book stipend for the University library.

Dr Turcotte recently returned from an intensive overseas research and conference tour funded in part by a travelling grant from the Australian Academy of the Humanities which he won earlier this year.

His work at the British Library resulted in talks presented at Birmingham, Rennes, Adelaide and Darwin.

University of Wollongong
CONSERVATORIUM OF MUSIC

BHP YOUTH ORCHESTRA & SBS YOUTH ORCHESTRA IN CONCERT

Saturday, 9 September 7.30pm
Hope Theatre
University of Wollongong

Tchaikovsky's Marche Slave
Schubert's Symphony No 5
Arensky's Fantasy for Piano and Orchestra
Vivaldi's Magnificat
Rossini's Overture 'The Turk in Italy'
Mozart's Rondo from Concerto for French Horn
Wieniawsky's Polonaise in D major
Kodaly's Dances from Galanta

Conductors: David Vance and Matthew Krel
Soloists: Stephanie Geisajtis (Piano); Amanda Jackson (French Horn); Alexandra Mitchell (Violin)
Choir: University Singers
Soloists: Pamela Mildenhall (Soprano); Nella Magnante (Mezzo Soprano); Rod Lander (Tenor)

Bookings: University of Wollongong Conservatorium of Music, phone 28 1122
Tickets: $8, $10, or $28 (family)
Also available at the door

Review of the Department of Mechanical Engineering

In accordance with the University's review procedures for academic units, the Vice-Chancellor has initiated a review of the Department of Mechanical Engineering.

The review will take place in November.

Submissions to the Review Panel are invited from the campus community.

Submissions, which will be treated as confidential, should reach Peter Wood, Manager, Academic and Student Services no later than 29 September.

A copy of the procedures is available on the Administration File Server – refer to Section M of the Management Handbook in the 'Public Information - Public' folder.

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Discover the Law Library

The staff of the Law Library (from left) Elizabeth White, Matthew Golab, Annette Meldrum, Gay Antonopoulos, Vicki Dodd and Denise Prouse.

The Faculty of Law was established in 1990 and the Foundation Law Librarian was appointed in the same year.

As law subjects had been included in Commerce degrees since the 1970s, the Library had a good base of legal materials from which to establish the Law Library.

The Law Library is a separate collection, located on the northern side of the first floor of the Library building.

It holds approximately 55,000 volumes of material.

All are listed in the Library's online catalogue and are available for use and for loan by anyone who holds a valid Library card.

The Law Library is not just a collection of books. Material in other formats – videos, microfilm, microfiche, CD-ROMs, tapes, kits and, of course, all the equipment required to access these materials – are also held.

You may find a few surprises in the Law collection, such as novels and films with a legal theme, which are studied in the Perspectives on Law-English subject.

Six full-time staff members provide services in the Law Library, including staffing of the Information Desk.

Most of their work is helping individuals to find materials and solve their reference problems.

Last year more than 20,000 of these customer enquiries were handled.

Law Library staff also provide reader education classes for groups of students enrolled in law subjects.

While their base is in Law, you may sometimes find Law staff in various other sections of the Library, serving customers at the ground floor information desk, or working in the cataloguing department.

Because Law is important in every aspect of life, the need for legal information is not restricted to those actually studying Law.

Students in all subject areas may occasionally need to consult materials in the Law Library, for instance, nursing students find useful information on the ethical and legal responsibilities of their profession.

Engineering students may want to see building standards or local government regulations. All can be found in the Law Library.

Several local members of the legal profession and members of the general community also use the Library to consult legal materials.

The Law Library Information Desk can be contacted on ext. 3185. Opening hours are the same as the main library.

The Law Librarian, Elizabeth White, can be contacted on ext. 3184.

Postgraduate Research Student Open Day

Applications for Fulbright awards

The Australia-American Educational Foundation invites applications for the 1996 Fulbright awards in:

• Study, research or lecturing in the United States. For postgraduate students in the following categories: general, journ- alism, Aboriginal and Torres Strait Islander people, engineering, visual and performing arts, research into school-to-work transition.

• Postdoctorial: Fellows wishing to pursue postdoctoral research at an American institution.

• Professional: For persons with a record of high achievement working in the areas of business management or industrial relations and social policy with an emphasis on social policy development or vocational education and training.

• Seniors or established scholars in an academic institution with a reputation in the Arts or those invited to the United States by an institution or organisation.

• Teacher exchange for teachers in the vocational education and training sector (for 1997).

Coral Sea Scholarships

For those wishing to visit the United States to investigate a problem or development relevant to Australian business or industry and to contribute to Australian-American relations.

Applications for all the above close on 30 September.

Contact: Program Officer, Australian American Educational Foundation, GPO Box 1559 Canberra ACT 2601 Tel: (06) 247 9331.

More details are available from Gillian Curtis, ext. 3926

Postgraduate Research on Display

This year's Postgraduate Research Student Open Day, to be held on Thursday 31 August, will include 120 poster displays of student research and presentations by four students on their particular research fields.

Highlights of the day were displayed at this year's University Open Day and this offered visitors a taste of what is to come at Postgraduate Research Open Day.

This annual event is conducted to give off-campus guests an opportunity to see the research projects coming out of the University of Wollongong.

This enables them to see why the University has such an excellent reputation for research both nationally and internationally.

From the research students' point of view this is an ideal occasion to practise skills relevant to the effective communication of their research outcomes.

Presenting research in such a forum allows for discussion and questioning. This often raises aspects which could have been otherwise overlooked by a researcher.

The day provides a very positive learning experience for the students and the opportunity for them to learn more about what their fellow students are doing.

At the same time it offers staff from different departments the opportunity to learn about research being carried out elsewhere on campus which may be relevant to their own.

As there will be several official guests at the Open Day, students will also benefit from this exposure of their work to potential employers. It functions as a useful networking opportunity.

The official opening, by the Vice-Chancellor Professor Gerard Sutton, is at 11.30am and presentations start at 11.45am.

These varied and interesting presentation topics include 'Social Recovery after Childbirth', 'Stream Ecosystem Dynamics', 'Similarity Solutions of Burgers' Equation in Higher Dimensions' and 'Properties of a Microwave Plasma Jet'.

Visitors have the opportunity to view the poster displays and talk to students about their research between 12-1pm and 1.30-3.30pm.

OZCHI '95 at Wollongong

OZCHI (Australian Computer-Human Interaction) is the annual national conference devoted to the interchange of work and ideas between researchers and practitioners in the area of Human-Computer Interaction.

The 1995 conference will be held at the University of Wollongong in November.

The Department of Business Systems is coordinating the conference which will bring together researchers and practitioners involved in the theory, development, deployment and analysis of interactive, computer-based systems.

OZCHI attracts participants from many backgrounds, including psychology, human-computer interaction, software engineering, design, social science and management.

Contact: Helen Hasan, OZCHI'95 Conference Chair, Department of Business Systems, University of Wollongong, Northfields Ave, Wollongong 2522.

E-Mail: OZCHI95@uow.edu.au
Phone: (042) 213 757 or 213 958.
Fax:(042) 214 474.
OZCHI '95 has a WWW page at:
http://www.uow.edu.au/public/ozchi/ozchi.html

Part of the group of Japanese teachers enjoying videos they made as an exercise in teaching English

Japanese visit a first for Wollongong

The University of Wollongong is the first university in Australia to participate in a Council of International Education Exchange (CIEE) program.

CIEE is an American organisation dedicated to promoting and organising education exchanges with particular emphasis on Japan/American exchanges.

Seventeen Japanese teachers of English did a short course combining intensive English language and the methodology of teaching at the Illawarra Technology Corporation's English Language Centre under this program earlier this month.

The course also covered many aspects of Australian culture including literature, politics, multiculturalism, gender issues, Aboriginal culture, and flora and fauna.

The program was organised jointly through the Wollongong English Language Centre and the Faculty of Education.

The group also spent some time each week in local schools participating in their Japanese language programs.

The changing face of Wollongong

A *Sydney Morning Herald* review of the restaurant Due Mezzi at Bulli (15 August) concludes with the following:

'The Wollongong area now offers more than coal, steel and a good education.'

Postgradua

General

The Campus Alumni Bookshop will open on the second and fourth weekends of each month. Come and browse through a wide selection of preloved textbooks and fiction. Campus East, Cowper Street, Fairy Meadow (opposite Science Centre). All proceeds directed towards campus projects. Donations of material are invited. Enquiries to Alumni Office, phone 213 249 or 291 951.

13 October 12.30-1.30pm: Bruce Gordon Theatre, Illawarra Performing Arts Centre. Conservatorium of Music presents the Business and Professional Women's Club of Australia free concert works by Gershwin and Rachmaninov.

7-9 November: Business and Economic Development in Middle Eastern and Mediterranean Countries. This international conference is being run by the International Business Research Group. It is being organised in conjunction with the Australian Association for Middle East Economic Research (AMEER), an independent body established to advance the scientific and economic frontiers of Middle East countries and to enhance academic relationships with Australia, New Zealand and neighbouring countries. The University Centre, 210 Clarence St Sydney. Enquiries: Mokhtar Metwally, Dept of Economics, University of Wollongong. (042) 214 017 Fax (042) 213 725.

What's On

Long Gallery

Exhibition program for 1995:

1-24 September: Postgraduate works: Eileen Dillon Smith, Marcie Mc-Conville, Enis Tan, Taskin Gencag, Mohammad Kazem Hassanvand, Helena Go, Alan Spackman.

2 October-5 November: Archaeologies: Structures of Time, Diana Wood Conroy and Sharon Marcus. Reciphering: Katharine Nix. Pathways: Paper works by Ian Arcus.

13 November – 10 December: BCA graduating exhibition

Cell and Molecular Evening Seminar Series

Conducted by the Department of Biological Sciences and Biological Macromolecules Research Centre.

11 September: Professor Adrian Gibbs (Australian National University), The Bresatec seminar on virus evolution.

Held on Mondays from 6pm in the Department of Biological Sciences, University of Wollongong, Building 35, Room 105.
Enquiries, phone: (042) 213 013, fax: (042) 214 135.

Union Activities

All members of the Union, students and staff are invited to attend.

Wednesday 30 August: Lunchtime: Tony Buck plays on the lawn. Buck utilises an astounding array of acoustic and electronic percussion including firecrackers, snare drums and cutlery through to sophisticated audio and video triggering samples. A unique performer! Evening: UniMovies - 'Die Hard - With a Vengeance' and 'The Jungle Book', 7.30pm in the Union Hall.

Thursday 31 August: Lunchtime: The Art of Lunch. 12.35-1.25pm in the Union Hall Foyer. Visiting soprano Pamela Mildenhall in a lieder recital with pianist David Vance.. Presented by the Faculty of Creative Arts. Evening: Band night 'Atlas Strings' and ' Dave Graney and the Coral Snakes' 8pm in the Union Tavern. Free.

4-8 September: Union Week.

9 September: Union Dinner.

New unit in Commerce

The Graduate Business and Professional Education Unit (GBPE) began operation on 31 July.

The unit has responsibility for the MBA and off-campus Graduate Certificate courses.

Professor Michael Hough is the Interim Director; Ms Heather Hill is the Professional Officer; and Ms Robyn Foster is the Administration Assistant.

The unit office is located in Building 40 Room 226.

Campus News is published weekly on Wednesdays. Send material, preferably by Microsoft Mail or on disk, to E-Mail account 'Campus News' by noon on Monday of the week before that of publication.
For any other enquiries contact the Editor, Gillian Curtis (042) 21 3926.
Campus News has a circulation of 3000. It is distributed on campus to staff and students. 1000 are mailed to the community and overseas including schools in Illawarra, southern Sydney and Canberra; local, Sydney and Canberra media; Friends of the University; business representatives; MPs and numerous individual requests.

Stop Press

Come to
"The Pearls of Heaven"
13-16 September in the
Hope Theatre and
20-23 September at the
Studio Theatre,
Newtown Performing
Arts High School, King
St Newtown.
Bookings (042) 21 4214.

Enjoy and admire the talented team from the Faculty of Creative Arts.