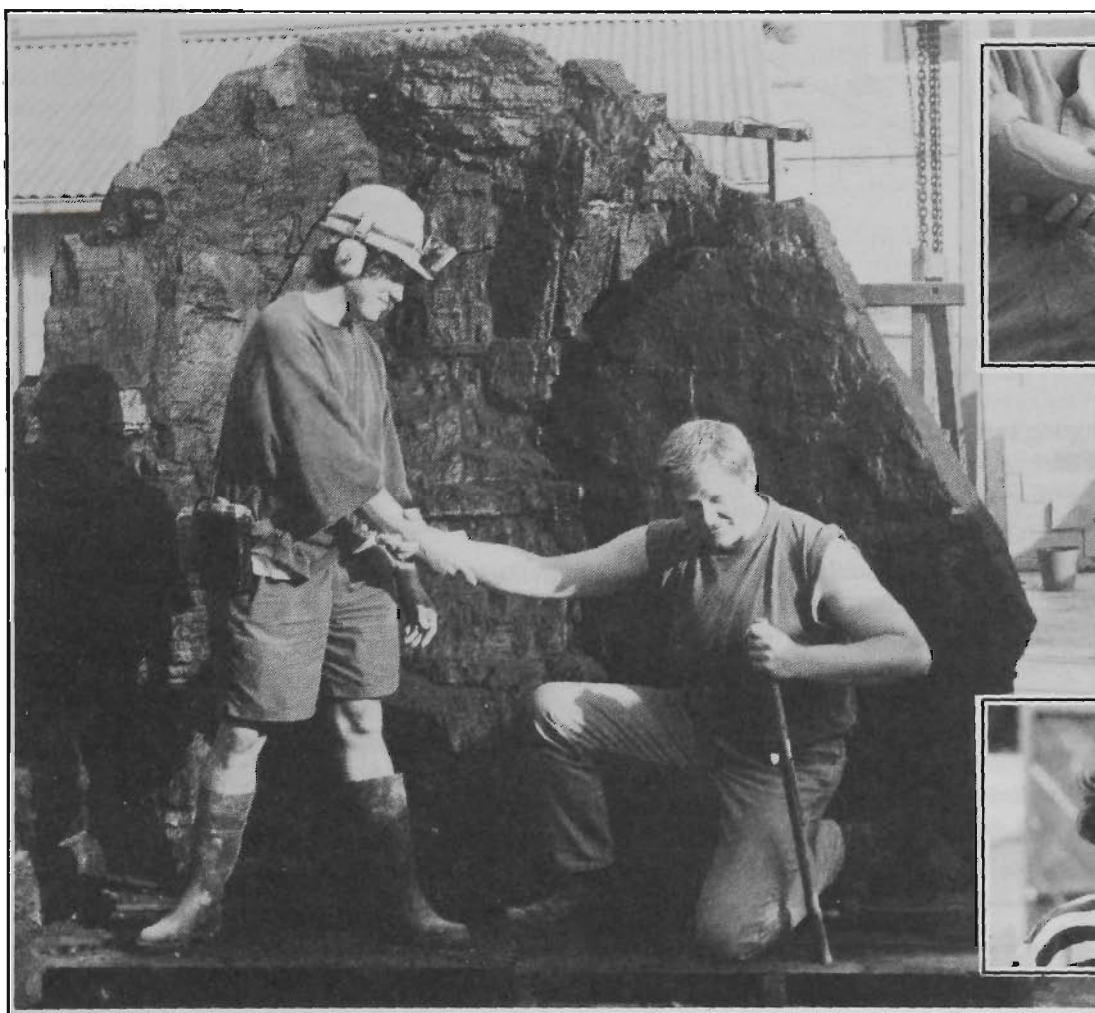


CAMPUS NEWS



ABOVE: A detail of the sculpture.

LEFT: Students from the Faculty of Creative Arts demonstrate what the sculpture will look like.

BELOW: Sculptor Lis Johnson takes a break from the coalface.



Tribute to mining by Wollongong artist

Anyone passing the Creative Arts sculpture yard during the last few weeks will have noticed several people working on a looming black creation of about seven feet tall.

The construction is part of a public sculpture in progress – a monument to the coalmining history of the Illawarra region.

Commissioned by the Wollongong City Council, the work is being created by Wollongong artist and Bachelor of Creative Arts graduate, Lis Johnson, with the help of University sculpture students.

(Ms Johnson also created the relief on the Western entrance to the Administration Building).

The sculpture in its final stage will consist of two bronze figures – one a 19th century miner, being helped to his feet by a man in modern mining garb – in front of a cement fondu recreation of a coal seam.

While the figure moulds were created by Ms Johnson in her backyard and are being cast in Sydney, the University facilities are being used for the building of the backdrop.

This exercise gives students the ben-

efit of experience working on public sculpture and at the same time provides the artist with valuable labour.

Ms Johnson won the commission of \$65,000 – with more than \$40,000 to be spent on the material costs of the sculpture – from among 70 applicants around Australia.

Her submission, which aimed to convey a sense of the history and comradeship inherent to the mining industry, closely follows another of her commissioned pieces – the Bald Hill wall sculpture, *Bird's Eye View*,

Continued page two

New Personnel/Payroll System introduced

The University introduced a new Personnel/Payroll system in the pay period 30 June to 13 July.

This is the first of a series of new administrative systems to be introduced to provide an improved level of administrative support to all users on campus.

New Finance and Student systems are planned to follow in due course.

The Personnel/Payroll system is a fully-integrated system encompassing personnel payments, leave and budgetary requirements, and it offers much scope as an information data base and will provide a more reliable and efficient service to staff.

While this system is being introduced in numerous Australian universities, the provision of electronic payslip advice was initiated and developed at this University, another first for Wollongong.

The University of Wollongong has received recognition from other universities for the documentation of every step and procedure as they were introduced; a valuable resource for training and for others introducing the system.

The new system will provide immediate, up-to-date records.

It has a retrospectivity feature in payroll and expands current leave recording and reporting capabilities.

Some of the principal initial changes are:

Payslip advice and leave balances

Payslip information has been improved. Staff will receive a more detailed description of how their salary has been calculated.

Leave information will also be provided via payslip advice.

Staff will receive an updated leave balance on payslip advice each fortnight.

General staff will receive balances for annual leave, long service leave and time off in lieu. Academic Staff will receive long service leave balances.

Casual staff

The deadline for casual timesheets to be submitted to Personnel has changed to the close of business (i.e. 5pm) on Monday of the pay week.

Casual staff, both teaching and general, will have their pay deposited directly in their nominated account in either a bank, building society or credit union.

Casuals will receive a payslip in the same way as other staff and will no longer need to attend the cashier's office on pay days.

Present casual timesheets and casual authorities have been replaced by new forms.

Old style timesheets cannot be used because they do not cater for the new system's requirements.

Salary deposits

All staff will receive monies in their nominated accounts on the Thursday morning of pay week regardless of the agency receiving their salary.

Multiple jobs

The new system copes with multiple (part-time) appointments or combinations of permanent/limited term/casual appointments more efficiently.

Funds, leave and other matters can be sourced to their respective jobs, but payslips and other functions will be accurately aggregated for the employee.

Rebates

Those staff with rebates may notice a difference of between 5-10 cents in their pay.

The new system calculates rebates based on a formula which uses actual days in the current year whereas the old system calculated rebates on a standard formula which averaged the number of days in a four-year cycle.

Taxation

In the past there have been multiple payrolls including one for permanent staff and one for casual staff.

In the new system there is one payroll which is run once a fortnight. The old system taxed monies earned separately on each payroll.

The new system is much more accurate. Those previously paid by two payrolls may notice a change in the amount they are taxed. The change may be slightly more or slightly less depending on your level of earnings.

Future changes

Other changes to procedures are being examined and it is expected that there will be progressive announcements in coming months.

Some issues include:

- Implementation of further modules (e.g. recruitment, training, occupational health and safety).
- Inquiry access for deans and heads (subject to privacy policy requirements).
- New devolution reporting systems on salary expenditure.

Anyone with suggestions for new services or other improvements should pass these on to the Manager, Personnel Services, Chris Grange.

Tribute to mining by Wollongong artist

From page one

at Stanwell Tops.

After winning the coal-mining commission in November, Ms Johnson enlisted the support of University sculpture lecturer Ian Gentle.

An arrangement was made to integrate the work with the Autumn sculpture program, and six students are enrolled in this Interdisciplinary Project.

Assistance has also been donated by the University's Materials Engineering and workshop staff, who have helped with the installation of the mining lamp which will shine from the hard-hat of the modern miner.

The construction of the backdrop first involved building a mock coal face out of large chunks of coal, donated by the local mines.

Silicone rubber was then poured over the coal to capture the texture, which will soon allow it to be cast in the more durable ciment fondu.

The project has given the six students experience in construction and casting on a scale rarely found at University level, as well as a taste of the administrative and public relations processes involved in the creation of public art. The sculpture will be installed outside the Wollongong Council Chambers.

BHP Institute moves ahead



The management board of the BHP/University of Wollongong Institute: (from left) Front: Dean of the Faculty of Engineering, Professor Tibor Rozgonyi; Pro Vice-Chancellor (International and Research) Professor Bill Lovegrove; Chief Scientist BHP Research, Dr Geoff Belton; Group General Manager BHP Sheet and Coil Products Division, Mr Ian McMaster; and BHP Group General Manager, Technology and Planning, Mr Les Gore. Back: Interim Director BHP/University of Wollongong Institute for Steel Processing and Products, Professor Keith Enever; BHP Group General Manager Slab and Plate Products Division, Mr Paul Jeans, who chaired the inaugural meeting; and Vice-Chancellor of the University of Wollongong, Professor Gerard Sutton.

The inaugural meeting of the management board for the BHP/University of Wollongong Institute for Steel Processing and Products was held at the University on Thursday 29 June.

Launched in March, the Institute is the result of many years of a close and mutually-beneficial relationship between the University and BHP.

The institute will conduct world-class basic and applied research that will complement the current research capacity of BHP and will offer postgraduate

teaching in steelmaking, metal coating and organic coating technologies.

The inaugural meeting considered and approved a business plan developed by the Interim Director, Professor Keith Enever, and approved a timetable for the recruitment of staff and students.

The BHP representatives on the board agreed to seek nominations for students to undertake the proposed Master of Engineering Practice in Steel Processing and Products planned for introduction in 1996.

Joint law workshop presenter

The Dean of the Faculty of Law, Professor Jack Goldring, was recently a joint presenter, with a Sydney barrister, Neil Francey, of a series of Continuing Education workshops on Product Liability Law for practising lawyers.

New Australian product liability laws came into operation in July 1992. The workshops, in each state capital and Canberra, were organised by the Law Council of Australia, the Trade Practices Commission and the Australian Plaintiffs' Lawyers Association.

Professor Goldring was a full-time member of the Australian Law Reform Commission from 1987 until he joined the University in 1990, and

was commissioner in charge of the reference on product liability laws.

Professor Goldring also presented a paper, *The Privy Council and Implications from the Australian Constitution*, at the 1995 Law and History Conference in Canberra on 2-3 July.

Information Technology strategic plan

The University has established an Information Technology Strategic Plan Working Party.

The aim is to determine how, in the next 5-10 years, information technology may be used to make the academic and support activities of the University more efficient.

The Working Party consists of Professor Bill Lovegrove, Mr Greg Naimo, Associate Professor Sandra Wills, Pro-

fessor Fergus O'Brien (visiting member), Associate Professor Greg Doherty, Professor Michael Gaffikin, Mr John Mann (BHP IT) and Mr Neil Cairns (Library).

This review provides an excellent opportunity for academics to reconsider the ways how the University teaches and assesses students and how this may be assisted by information technology (IT).

In addition, it also allows the University to consider ways in which IT may assist research and administration. A paper designed to stimulate discussion has been circulated via e-mail or it can be obtained from Elizabeth Phillips, ext. 3903.

Submissions should be sent to the Pro Vice-Chancellor Professor Bill Lovegrove by 31 August.

How to make suggestions about the Library

You can always use the e-mail, however, there are better ways:

Suggestions for purchase

If the Library does not hold a book or audiovisual item you need for your course or research, they will make every effort to obtain it for you.

There are two ways you can make

Library News

suggestions - through the Library catalogue or by using the suggestion boxes.

Through the catalogue: Choose

the 'B> Library Information' option then select 'A> Additional Items' or 'S> Suggestions'. It's quick and easy.

Clear instructions are available next to the terminals in the Library, on the mobile noticeboard or ask at the Information Desk.

Alternatively, you can drop your request into any of the suggestion boxes (see below).

If you leave your name and contact details, they can keep you informed.

For example, the item you request may be out of print, temporarily unavailable or not approved by your course coordinator.

Serials can only be recommended by academic staff within funding constraints.

Suggestion boxes: There are several dark grey suggestion boxes throughout the Library at all service desks.

Suggestion boxes near the noticeboards may also be used.

Responses to general suggestions will be placed on the noticeboard.

If you would like a personal reply, please give your name and contact details.

Comments/complaints/compliments: Feedback from Library clients is used to improve the services.

If you have a suggestion about services, staff, or anything to do with the Library, please let them know.

If you particularly like a service or the help you received from Library staff, it helps to maintain that good service if you let them know.

Forms headed *Comments/Complaints/Compliments* are available at all service points. Drop them in the suggestion boxes.



'HEALTH OUTCOMES: CURRENT ISSUES FOR RESEARCH AND PROJECT DEVELOPMENT'

Venue: Union Function Hall, University of Wollongong

Date: 1st of August 1995. (1.30 p.m to 5.00p.m.)

Programme

1.30 pm Welcome and Objectives of the Seminar - Dr Rohan Jayasuriya

Health Outcomes: a review of current issues

Chair: Chair Prof Charles Watson
Dean, Faculty of Health & Behavioural Sciences

1.35 pm 'Health Outcomes: current status and issues'
Jan Sansoni, Director, Australian Health Outcomes Clearing House,
Australian Institute of Health and Welfare, Canberra.

2.10 pm 'Integrating Health Outcomes in Health Services'
Dr Roy Harvey, Head, Health services Division,
Australian Institute of Health and Welfare, Canberra.

2.45 pm Discussion: Chair Prof Charles Watson
Dean, Faculty of Health & Behavioural Sciences

3.10 - 3.40pm Tea

Health Outcomes Research: Practical insights

Chair: Chair A/Prof Ross Harris
Head, Department of Public Health & Nutrition

3.40 pm 'Health Outcomes in Cardiovascular Disease'
Dr Fiona Blyth, Dept. of Public Health and Community Medicine,
Westmead, University of Sydney.

4.10 pm 'Health Outcomes study on Self poisoning patients'
Dr A.Dawson, Department of Psychiatry, University of Newcastle.

4.40 pm Discussion: Chair A/Prof Ross Harris
Head, Department of Public Health & Nutrition

PLEASE CUT ALONG THE LINE AND RETURN

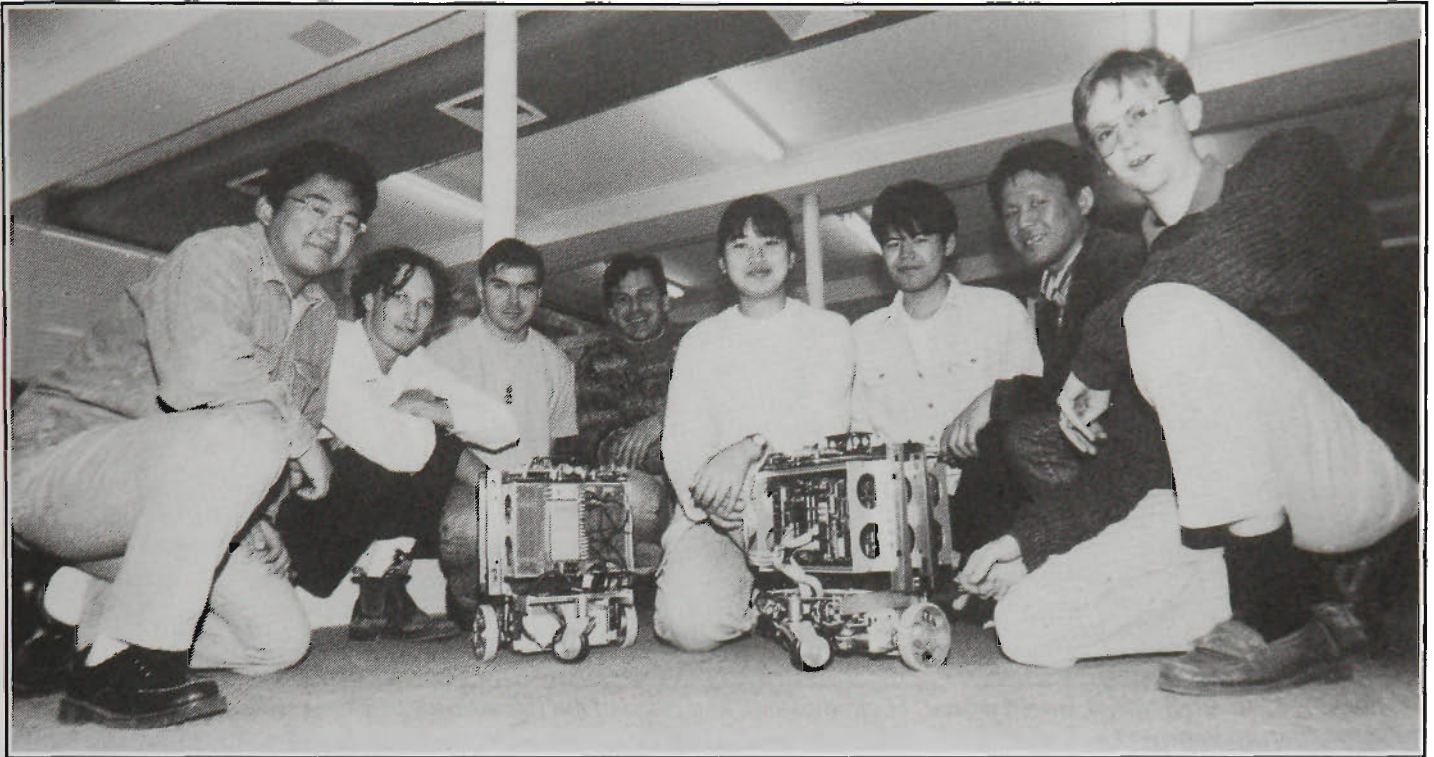
RSVP To Marie Johnson, Public Health & Nutrition, University of Wollongong, Wollongong NSW 2522. Telephone: (042) 21-3463. Fax: (042) 21-3486 A charge of \$5.00 per person is required.

YES I will be attending:

Name: _____

Address: _____

Strengthening ties through robots



Postgraduate students from Japan and Australia brought together through their work on robots. Keiji Nagatani, Keith Burns, David Jung, Dr Alex Zelinsky Senior Lecturer from the Department of Computer Science, Lusiana, Takayuki Ohno, Yoshinobu Ando and Ben Stanley. Absent Kazuhiro Horike

The University of Wollongong's success in a Federal Government program to support collaborative research links with higher education institutions in the Asia Pacific region, the Targeted Institutions Link Scheme (TILS), has fostered collaboration between Wollongong and Tsukuba University in Japan.

Tsukuba University is the world leader in autonomous mobility.

TILS grants have made possible an exchange program between the two universities of postgraduate students working on projects to develop improvements to the mobility and sensing ability of robots.

Collaboration with Tsukuba started in 1989 when senior lecturer in the Department of Computer Science, Alex Zelinsky, (then a postgraduate student) was sponsored by the Japanese Government to visit Tsukuba.

He returned on sabbatical leave in 1991.

Ben Stanley and David Jung, PhD students in the Department of Computer Science's Software and Intelligent Systems Research Group, recently spent three months at Tsukuba University working on two Yamabico robots.

The eventual aim is to make the robots collaborate to clean a room; one with a brush and the other with a vacuum cleaner.

Their experiences were extremely valuable and they found little difficulty in adjusting to life in Japan.

Keith Burns, who originally came to Wollongong from Narellan to take up a BHP apprenticeship and Lusiana, an Indonesian student from Indonesia, leave in September for Tsukuba for four months.

They will also be undertaking research on Yamabico robots towards their honours degrees in Computer Science.

BHP was enthusiastic about the opportunity for Keith to work on his honours program in Japan and gave him leave.

Keith and Lusiana have also received assistance under the University Mobility in Asia and the Pacific program (UMAP).

UMAP is supported by the Australian Vice-Chancellor's Committee and the Australian Government, and is designed to increase the mobility of university staff and students in the region.

Keith and Lusiana are the first non-

language students to receive funding under this program.

These students and staff from the Department of Computer Science recently hosted a visit by four postgraduate students from the Intelligent Robot Laboratory Institute of Information Sciences and Electronics at the University of Tsukuba.

They came to Australia to attend the Australian Science and Technology Conference in Melbourne and wanted to spend some time at Wollongong after hearing so much about it.

While they were here they were able to brief Keith and Lusiana about what to expect in Japan.

Dr Zelinsky, who supervises some of these postgraduate students, said that these regular exchanges of students and staff with Tsukuba were of immense value.

'The Head of the Intelligent Robot Laboratory at Tsukuba, Professor Chinchu Yuta, is very keen to have students and staff from overseas institutions spend time in his laboratory,' he said.

'One of our highest priorities is to keep attracting funding to keep this program going and to strengthen it.'

From carpentry to computing



Director of ITS, Mr Greg Naimo; award winner, Mark Sapsford; and Head of the Department of Business Systems, Professor Graham Winley.

When Mark Sapsford began studying at the University of Wollongong in 1992, he probably didn't think that he would be graduating as the most outstanding student in his course with a job in Sydney waiting for him.

Enrolled in the two-year Diploma in Computer Applications program, Mark, a self-employed carpenter, completed the course on a part-time

basis over three years.

Recently he was presented with the Information Technology Service (ITS) award for the best academic results in the course.

As part of the course which is offered by the Department of Business Systems, (represented by the Head, Professor Graham Winley), students must undertake a group project for a

real company.

Mark's project was for SAS Institute Pty Ltd, Sydney and they were so impressed that they offered him a job.

Now employed full-time with SAS as a technical representative, Mark hopes that this surprise bonus may lead into consulting and then project management.

He said: 'The course was a real stepping stone in gaining this position. In SAS selecting me for this job, they have shown confidence in the quality of the course.'

Mark said that he wanted to do a course in this area and after looking around at all the universities, he decided the Wollongong course was the most applicable and offered the greatest amount of flexibility.

Formerly known as the Apple Award, this annual award is sponsored by Campus Personal Computing through funds from the sale of Apple equipment.

The Director of ITS, Greg Naimo said: 'This is one way for CPC to feedback their activities to the community.'

Another example of this was the support they gave to the 1994 Informatics Summer School in providing a computer system as a prize.

This was won by Figtree High School.

Grant for farm forestry project

The University of Wollongong is involved in the Illawarra Farm Forestry Project (IFFP) which has just received funding of \$103,352 under a NSW Government Farm program.

This regional bid for funding, which will establish woodlots on six rural properties, was coordinated by the Illawarra and Lower Shoalhaven Catchment Management Committees.

The Illawarra forestry initiative is part of a statewide program to expand hardwood plantations.

It will establish a series of demonstration woodlots and encourage networks of interested people and organisations.

The project will be coordinated by Head of the Department of Biological Sciences, Professor Rob Whelan, and will be implemented in three years.

Keys' Dairy Farm at Tongarra, where this project was launched on 14 July, is one of the initial sites.

The Keys will establish 3 hectares of woodlots on their property to link in with existing rainforest remnants and provide windbreaks for stock.

Other sites to be established are at Gerringong Creek, the Upper Kangaroo Valley, Toolijooa, Stockyard Mountain and near Jerrara Dam.

These woodlots will trail local rainforest and other native trees, and will establish their potential for use as high quality timber products such as craft wood and fine furniture.

Another Williamson play by Theatre South

The company that brought the smash hit comedy *Barmaids* to Wollongong returns with a new play by Australia's most famous playwright David Williamson – the author of such greats as *The Removalists*, *The Club*, *Don's Party* and *Emerald City*.

Sanctuary is regarded as one of Williamson's greatest works.

It's a tale of gung-ho Australian correspondent, Bob King, who is corrupted by the trappings of journalism and seeks sanctuary in far north Queensland.

However, his haven is disturbed by a young idealist, who is determined to expose him in an unauthorised biography.

Top Australian actors, John Derum and Damon Herriman, star in the Theatre South and New England Theatre Company production of *Sanctuary*.

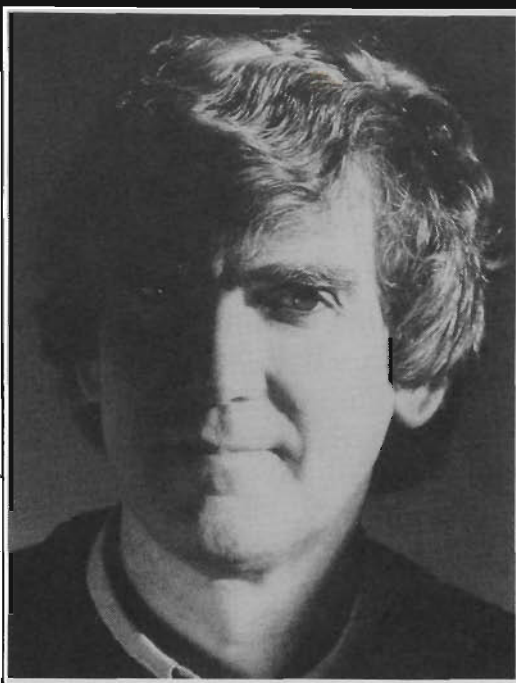
Derum is a seasoned performer and has received critical acclaim for roles in the ABC's *The True Believers* and *The Gadfly*, and has brought CJ Dennis to life with his tributes *More than a Sentimental Bloke* and *The Glugs of Gosh*.

Herriman is a rising star after roles in the mini-series *Brides of Christ* and *For the Term of His Natural Life*, and as co-star in the movie *The Big Steal*.

He has had several Logie Award nominations for his work on television, including performances in *The Sullivans*, *GP* and *The Flying Doctors*, and has recently returned from an international tour with the Sydney Theatre Company's *Two Weeks with the Queen*.

The Bridge Theatre at Coniston is the first venue in a three-month tour of NSW country regions.

Directed by Richard Buchma, *Sanctuary* starts in Wollongong on 27 July and runs until 12 August. Bookings can be made on 296 144.



Playwright David Williamson, author of *Sanctuary*, starting in Wollongong on 27 July.
Photo: Jon Williamson

Art of Lunch will continue despite theatre closure

The show goes on despite the closure of the Music Auditorium and Theatre Performance Space for refurbishment.

Starting in week two of Spring Session, the Art of Lunch performances will take place in the foyer of the Union Hall, at the usual time of 12.30-1.30pm Thursdays.

There are some exceptions late in the session when the Hope Theatre will be used.

A brochure will be available in a week or so with full details.

Copies will be sent around the Faculties, but e-mail the Faculty of Creative Arts (FCA) and ask for one specifically to be sent to you if you wish.

Among the performances are recitals by sopranos Pamela Mildenhall and Jane Edwards, the Dutch group Duo Contemporain, cellist David Pereira, pianist Tamas Ungar and readings by poet-performer Amanda Stewart, as well as Farewell Performances by FCA graduates and actors. Admission free.

Music inspired by the writings of Dante is the theme of an exciting concert to be presented by the acclaimed Sydney Chamber Choir, directed by Nicholas Routley, in the Hope Theatre on 5 August at 7.30pm.

The program has been devised to celebrate the 100th anniversary of the Sydney chapter of the Dante Alighieri Society.

The evening includes music from the 16th century Italian madrigalist, Marenzio to the work of the contemporary Australian composer, Raffaello Marcellino.

In between comes the glorious eight-part *Stabat Mater* by Palestrina as

Musica Dantesca

well as various settings of Dante by Verdi and Rossini.

The Sydney Chamber Choir, founded in 1976, has become one of the leading vocal ensembles in Australia.

It has several recordings to its credit, and is known for its particular emphasis upon early choral music as well as contemporary Australian repertoire, much of it commissioned for the choir.

The director, Dr Nicholas Routley, is senior lecturer in music at The University of Sydney, and is widely

known as a conductor and pianist.

The program is jointly sponsored by the Wollongong Chapter of the Dante Alighieri Society and the Music Development Office at the University of Wollongong.

Tickets (Adults: \$15, Concession: \$10, and Family: \$40) are available on campus through the Department of Modern Languages, phone 213 676, or from members of the Dante Alighieri Society.

Enquiries: Madeleine Cincotta, phone 299 068, or David Vance, phone 213 591.

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.

Long Gallery

Exhibition program for 1995:

- Until 30 July: NAIDOC exhibition.
Works by Aboriginal artists
4-27 August: Artists make Furniture. To be opened at 7pm, 4 August by the Curator, Australian Decorative Arts & Design - Powerhouse Museum, Grace Cochrane.
1-24 September: Postgraduate works:
Eileen Dillon Smith, Marcie Mc-

What's On

- 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.
7 August: Professor Rolland Skollay (Centenary Institute), The Life Technologies seminar on T cell immunology.
14 August: Dr Simon Easterbrook Smith

(University of Sydney), The BioRad seminar on complement regulation.
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.

- 27 July: Band Competition Final.
7 August: Union Art Award.
4-8 September: Union Week.
9 September: Union Dinner.

Stop Press

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.

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