

# CAMPUS NEWS

## Melanie Dempster: Sportsperson of the year and scholarship winner

The Recreation and Sports Association (RSA) held a function on Friday 27 May to present their sports awards.

The Master of Ceremonies was 1992-3 President, Mr Barrie Keenahan, and 1994 President, Dr Paul Webb, gave the official welcome.

Guests of Honour were Professor K. McKinnon and Ms Sue Walker, Mr Butch Hays (Illawarra Hawks), and Mr Oliver Tams (Student Travel Aust.).

Awards were presented by Ms Julie Steele, Dr Webb, Mr Ian McKinlay and Mr Keenahan.

Winner of the 1993 Sportsperson of the Year and the Sports Scholarship for 1993/4 was hockey player, Melanie Dempster.

Ms Dempster has been in various state and national junior teams over the years, the NSW senior team proper since 1990, and has been awarded AIS and IAS scholarships.

She has recently been selected in the senior Australian side and is full steam ahead for the 1996 Atlanta Olympics.

She has also continued her RSA Sports Scholarship.

This award provides \$3000 annually to assist in the payment of expenses in pursuing her academic and elite sporting activities.

To retain the scholarship she must play for the University club, assist with coaching all of the teams, promote activity on the campus, especially the use of the artificial surface maintain academic standard and sporting excellence.

### Blues

Sporting Blues are awarded by University sporting organisations all over the world to recognise sporting achievement by students.



*Melanie Dempster: Sportsperson of the year*

A University Blue is a highly prestigious and valued award which is not given lightly. Minimum standards are set and must be achieved consistently to deserve recognition.

This year the Blues committee decided to award seven Blues awards to:

**John Trevaskis** has been an active member of the Rugby Club since 1992 and assists with coaching other players. He represented the Illawarra seniors in 1992 and 1993. He also represented the State U/21 team in 1991 and 1992. He was rewarded with a selection in the NSW Open squad in 1993 and NSW U/21. John was Illawarra U/21 player of the year in 1993

**Jennifer Crawford** has been a fixture in Illawarra volleyball since starting her studies in 1991, attending every University titles and being selected in the Australian Universities side for the last two years, including MVP at

the Brisbane Games. She has performed in the NSW U/21s and for Illawarra, as well as starred in numerous beach volleyball and State League Volleyball competitions.

**Jodi Pohl** was selected for the Australian Universities soccer team to compete in the World Student Games in Buffalo last year, after selection in the Australian Universities representative sides in 1991 and 1992 as well as various State teams. She starred again on her return from the US, again being selected in the Australian Universities team. She plays for the University Club in between State League commitments and the odd injury or three!

**Michael Nelson** has been at the top level in State windsurfing competition for the last two years and in the national top six. He competed in the world titles in 1994 and narrowly missed selection in the Australian Universities team for the World Universities titles. He is serving as Commodore of the windsurfing area of the University Sailing and Windsurfing Club.

**Robyn Hall** has starred in four Australian Universities Championships, being selected in three Australian Universities basketball teams, and playing for the Kittyhawks for three years and then State League Champions Sutherland in 1993. She has represented the University in hockey and touch as well as basketball in her four years here.

**Bridget Munro** was leading player in the gold medal-winning tennis side at the eastern conference titles and then the Australian Universities Games in 1993, gaining selection in the Australian Universities side for the second

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time. She has represented Tasmania and Illawarra in senior teams. She has assisted by managing our teams and also represented Wollongong at netball at the 1992 AUC in Melbourne. She coaches here on campus and continues to contribute wherever she can.

**Nigel Noffke** has represented the University in soccer at the Australian Universities Championships for the last two years and been instrumental in bringing them from the outer fringes to the top four. He has been outstanding for both the University and his Premier League Club Bulli, as well as a call-up to the Wolves from time to time. He has made the Australian Universities side each year he has played and his performances in Melbourne, where he was outstanding against national League opposition from much larger Universities, will long be remembered by those that witnessed them.

### Colours

The award of Colours denotes a high standard in sport and the Blues Committee may also take other relevant factors into consideration such as the value of work done by a recipient in furthering the relevant sport at the University.

The standard for the award of Colours shall be based on club recommendations relating to conduct, sports personship, attendance at training, club performance and representative selection. Colours are awarded at other Universities and sometimes referred to as "Half-Blues".

In 1993 there were several sportspeople nominated for Colours.

Many reached the minimum qualifying standard but were not able to achieve the consistently high standard expected, perhaps because they were only in their first or second year of study.

In 1993 three colours have been awarded in three different sports:

**Fatelim Nati** was awarded the University Rugby Club's "Best and Fairest" in 1992 and gained a scholarship from the club for 1993. In 1993 he won the Illawarra Player of the Year award. He was then selected in the district side and continues to be involved with the club assisting with coaching and gaining considerable publicity for the club and the University through his brilliant play and approach to the game. He has proved to be an excellent



*Paul Manning, Manager of the Recreation and Sports Association made a presentation to the guest of honour, the Vice-Chancellor Professor Ken McKinnon ("Most Frequent User of the Swimming Pool" Award?)*

ambassador for the club and the University.

**Penny Hensford** has been involved with the Touch Club since its inception, and touch in the Illawarra and on campus. She was selected in the Australian Universities women's touch team in 1993 and has managed all our Eastern Conference University sides for the last two years and our gold medal winning women's side at the Brisbane Games in 1993. She has also served as treasurer of the club for the last two years and if she continues her high playing standard, will become the first winner of a women's touch Blue for Wollongong.

**Mark Thomas** has played first grade for three years with the Cricket Club and the last two years at the Australian Universities Games, where he was selected in the Australian Universities side in 1993. He is an Illawarra senior squad member for the last two years as well as player of the tournament at the AUG in Brisbane, leading the batting averages for the week. He is also a member of the Cricket Club executive committee.

### Club of the year

In considering the Club of the Year the Blues Committee must weigh up

on-field performance during the year with excellence in club administration, involvement with the local association, and other factors which enhance the prestige of University Sports in the community, either locally or through Australian University competition.

This year there were two nominations from the 26 RSA Clubs. For 1993 it has been awarded to the Rugby Club.

The Rugby Club sets very high standards for success on the field which have been achieved through a great deal of hard work and dedication by the players, backed by a very proficient administration, which is also strongly involved with both the RSA and the IRU.

The club has developed high expectations and a strong tradition since their early beginnings on campus and at the Teacher's College. They have raised more than \$25,000 in the last three years to assist in their dream of a club room and new change facility.

This success also applies to their contact with the community, with work for local charities such as the Cancer Council.

### Club person of the year

**Paul Webb** of the Rugby Club is the winner.

# Boron Neutron Capture Therapy research group working with The Netherlands

The best treatment of cancer would be a method in which all cancerous cells are killed without damaging the normal healthy tissues.

Boron Neutron Capture Therapy (BNCT) comes very close to this goal.

It also offers significant promise for the treatment of previously intractable cancers.

The principle of the therapy is based on the nuclear reaction between boron-10, a non-radioactive isotope of boron, and thermal (0.025 eV) or epithermal (2-20 keV) neutrons.

When a neutron is captured by boron-10, the nucleus so formed fission's instantaneously into two fragments – lithium-7 and an alpha particle.

These fragments have a range in human tissue of approximately 10mm, which is of the order of one cell diameter, with high linear energy transfer (LET).

The treatment starts with first localising boron compounds in the tumour cells, then bombarding it with neutrons.

The cells that have accumulated the boron compound will be destroyed and normal cells with low concentration of boron-10 would be spared.

A group led by Dr Jagdish Mathur in the Department of Physics is engaged in activation foil measurements on existing filtered and unfiltered neutron beams.

Preparations are also being made for the development of a beam suitable for normal tissue dose tolerance studies.

Further measurement techniques for the characterisation of neutron beams are under development.

These include MRI gel dosimetry, track etch, as well as semiconductor and other macro- and micro-

dosimetry techniques.

Also under development is a treatment planning package, based on patient CT scans, utilising Monte Carlo neutron transport techniques on the Fujitsu super computer facility of Australian Numerical Simulation and Modelling Services (ANSAMS).

Prototype models have already been installed and successfully run, computing dose distributions throughout the brain.

This package when complete will enable clinicians to plan therapeutic neutron irradiations and determine dose distributions.

Monte Carlo micro-dosimetric simulations of radiation damage to microvasculature also make use of the ANSAMS supercomputer.

Two PhD students, Martin Carolan and Steven Wallace, are working on this project.

They recently travelled to The Netherlands carrying 30kg of scientific apparatus to take measurements at the High Flux Reactor [HFR] at Petten.

HFR is a joint research centre of the European Communities.

It is designated for BNCT research and at a later date it will also be able to treat cancer patients.

Dr Mathur hopes this trip may play a role in establishing such facilities in Australia.

Dr Barry Allen of ANSTO also belongs to the BNCT group.

The ultimate goal of the group is to develop filtered epithermal neutron beams and eventually design a patient treatment facility using the High Flux Australian Reactor at Lucas Heights or its replacement.

This project requires considerable further development and will continue for many more years.



Steven Wallace (left) and Martin Carolan, two PhD researchers into Boron Neutron Capture Therapy

# Changes to organisation



As a result of recent developments in the University, several changes in organisational arrangements are necessary.

Major reorganisation is not required, but the dynamic energy that is pushing the University forward must be matched by some evolutionary organisational changes.

The portfolio responsibilities of some members of the Executive also need to be adjusted to achieve a clearer allocation of functions.

The Pro Vice-Chancellor (Research) will have principal responsibility for research, the Graduate Faculty, research scholarships, the Library, Information and Technology Services, and academic aspects of the University's International Program.

The Vice-Principal (Administration) will take over day-by-day coordination of community relations and administration of scholarship matters.

The Vice-Principal (Administration)'s division will also be responsible for the administrative servicing of professional and continuing education (via Academic and Student Services).

The Pro Vice-Chancellor (Academic) will continue to be responsible for academic, educational and learning support functions, but these functions will be restructured to allow them to be more closely coordinated.

The Pro Vice-Chancellor (Academic) will also be responsible for coordination of the marketing of courses, for coursework scholarships and for day-by-day equity and EEO issues.

The Pro Vice-Chancellor (Academic) will chair the new Education Committee and thus have a responsibility for undergraduate and postgraduate coursework programs.

She will also be responsible for the development and coordination of educational offerings, the production of appropriate course materials, both for on Campus and distance learning through television, multi-media and any other modes, and for appropriate career and staff development policies and practices within the University.

The Pro Vice-Chancellor (Academic) will be responsible for the forward planning and administrative management for the Berry Campus, Nowra studies and feasibility assessment (working with the Deputy Vice-Chancellor), development of PAGE as a consortium entity, including its administrative and marketing aspects and the planning of its development and Wollongong University courses prepared for PAGE.

The EEO Unit will in future work through the Pro Vice-Chancellor (Academic) to the Vice-Chancellor.

The Pro Vice-Chancellor (Academic) will supervise coursework scholarship matters (both undergraduate and postgraduate).

The Dean of Students will assist the Pro Vice-Chancellor (Academic) in coordination of the Aboriginal Education Centre, the Learning Development Centre, Counselling services, liaison with the SRC on educational matters, and liaison with the Colleges on educational matters, as well as having continuing responsibility for liaising with Faculties on student matters and working with the PVC to

develop the functions of the University Education Committee.

The Centre for Staff Development will continue to report directly to the Pro Vice-Chancellor (Academic).

It will focus on staff and career development matters.

It will also continue to be responsible for teaching evaluation, however, some of its present educational services functions will become the responsibility of the new Educational Services Development group.



## Educational Services Development

An Educational Services Group will be headed by a new appointee who will be responsible for encouraging the best use of existing and new technologies of learning and teaching in the University of Wollongong.

The position of director has been advertised.

A new group will provide services in instructional design. The instructional design team will comprise two positions from ITS plus one position from the Communications Centre. Further positions may be added.

Closer coordination and reorganisation of existing instructional services will be achieved by transferring staff from CSD, ITS and the Communications Centre.

The University will appoint a Head of Instructional Services whose duties will be to produce programs and instructional materials for PAGE and other University users. The Printery will be included in this group as will be services for facilities in lecture theatres, audio-visual services throughout the University, cameramen and producers in the Communications Centre and others with appropriate functions.

The reorganisation will involve five positions from the Centre for Staff Development, three-four positions from the Communications Centre, all the positions from the Printery and three positions from Information Technology Services.

The Pro Vice-Chancellor (Research) will continue to be responsible for oversight of all research and research higher degree matters, as well as chairing the Graduate Faculty.

The Pro Vice-Chancellor (Research) will also be responsible for the Library, including chairing the Library Committee and for Information Technology Services (including responsibility for ensuring that computing networking and other related strategies meet emerging needs); that part of the International Office which relates to institutional links, agreements with foreign universities, academic offerings to facilitate institutional links and encouragement of internationalisation of curricula [in conjunction with the Pro Vice-Chancellor (Academic)].

Responsibility for recruitment of international students will remain with the International Office; forward-planning for information services to ensure that the convergence of traditional library services and information technology services are best planned to meet the University's needs; and oversight of the research scholarships offerings of the University.

The Pro Vice-Chancellor (Research) will be supported

# of the University

by the International Office, the Office of Research, the Librarian and staff, and the Director of Information Technology Services and staff.



## The PAGE Consortium

The University is host to the Professional and Graduate Education (PAGE) Consortium which has to be developed, administered, marketed.

The new organisational arrangements make a clear distinction between PAGE as an organisation and the planning, production and offering of University of Wollongong subjects (or even short courses) through PAGE.

The planning, production and offering of University of Wollongong courses will be handled through the Educational Services Development group and the representative of the University of Wollongong on the PAGE Consortium Board.

Planning of these offerings will be under the jurisdiction of the Pro Vice-Chancellor (Academic). This function is separate from the role of the Pro Vice-Chancellor (Academic) as Chair of the PAGE Consortium Executive.

The host role for PAGE of the University of Wollongong envisages that the University will provide student enrolment, offer examinations and other similar services on a fee-for-service basis through its existing Academic and Services Branch.

The physical facilities comprising the Communications Centre will have within it a PAGE office and a separate Educational Services Development (University of Wollongong) Office, the head of which will be responsible to the Pro Vice-Chancellor (Academic) for the production responsibilities in relation to PAGE, multi-media, CAL and any other such educational developments undertaken by the University, as well as a forward planning responsibility to ensure that such new developments are planned, supported in their introduction and integrated with the mainstream teaching and learning approaches of the University.



## Professional and Continuing Education

At present, Professional and Continuing Education courses are offered through the Illawarra Technology Corporation, through the PAGE Consortium and via individual

initiatives of faculties.

There is a growing convergence between the willingness of staff within the University in Faculties to offer professional and graduate courses (or modules of courses which earn credits) which the "market" wants and the wish of the "market", particularly large employers, to improve their performance by arranging graduate upgrading courses or modules which meet the business training needs of their people.

Government policy envisages an increasing proportion of graduate coursework degrees being offered on a full cost recovery, tuition fee basis, further emphasising the need for a matching of markets and academic offerings in this part of the University's activities.

The Vice-Principal (Administration) will therefore organise an Office of Professional and Continuing Education to support the Pro Vice-Chancellor (Academic) in the coordination of course offerings.

In future, no credit course may be offered which has not been agreed to by the Pro Vice-Chancellor (Academic).

The Pro Vice-Chancellor (Academic) is responsible for developing a strategic policy which succeeds in avoiding duplication, internal competition, uneconomic offerings, etc. Again, enrolment and administration of students will be the responsibility of Academic and Student Services Branch, as for other students.



## Coordination of Marketing

A Marketing Coordination Committee will be established, serviced by the Planning and Marketing Branch. The Pro Vice-Chancellor (Academic) will chair the Committee.

Its membership will comprise a representative of the Training Division of ITC, a representative each of PAGE and the Educational Services Development Unit, the Professional and Continuing Education Office, a representative of the Deans, and of the Planning and Marketing Branch.

Its function will be to:

- coordinate the marketing of professional, that is, post-graduate course work (courses), short courses and continuing education offerings;
- advise the Vice-Chancellor on steps better to coordinate professional and continuing education offerings; and
- advise the Vice-Chancellor on the marketing of the University and its courses.

These changes are to be implemented by the Vice-Principal (Administration) and are to be brought into effect as soon as possible.

## THE SCIENCE CENTRE

presents

**Dr Steven Saunders, NASA Senior Research Scientist, Jet Propulsion Laboratory**

**VIKING MISSION:** The Viking Landers travelled to the surface of Mars during the mid-'70s. Dr Saunders was involved with the Viking Mission as a member of the Lander Imaging team.

**MAGELLAN PROJECT:** Since 1990, Magellan has been orbiting Venus compiling in minute detail the surface of the planet. As Project Scientist, Dr Saunders is in charge of the Magellan Project, and is also Co-Investigator for the Radar Investigation Group.

Dr Saunders will give an illustrated talk at the Science Centre on Monday 13 June from 7.30pm. Supper will be provided. Tickets are \$7 and \$5 for Science Centre Members. Bookings are essential as there are limited spaces. Tickets are available from the Science Centre during opening hours Friday 7-9pm, Saturday and Sunday 1-5pm or by arrangement.

**Enquiries: Joanne Lilley, phone 836 665 or Glen Moore on 018-425-325.**



## Visit by Deputy Prime Minister

*The Deputy Prime Minister, the Hon Brian Howe, MP, Minister for Housing and Regional Development, visited the University on 24 May. Mr Howe has an interest in regional development and was interested in visiting the University as the top ranking regional university and the Illawarra Technology Corporation as the commercial arm of the University.*

# More Wollongong students win Canberra internships

Students participating in the Australian National Internship Program (ANIP) are bringing great credit to the University of Wollongong through their work in a range of parliamentary and public service offices in Canberra.

This program was established in 1993 by the Australian National University.

It provides access to placements in public institutions for all Australian university students through four schemes: the Commonwealth Parliamentary Internship Program, the Australian Public Sector Internship program, the Australian Capital ter-

ritory program and the Australian Internships Network.

Assessment of performance in an ANIP internship is based on performance in a substantial research project at least equivalent to one or two months full-time work.

The intern works closely with two co-supervisors – an officer within the institution in which they are placed and an academic.

In Autumn Session this year Alison Gooley and Kathleen Searles won internships and are working with the Shadow Attorney General Daryl Williams, and the Parliamentary Standing Committee on Legal and Constitutional Affairs respectively.

Five students from Wollongong have been selected for internships in Spring Semester.

They are Graeme Grant, Edward Dwyer, Claudia Carr, Katherine Austin and Lani Blackman.

The program is supported by the Speaker of the House of Representatives, Mr Stephen Martin.

## Study into blood lead levels in Port Kembla launched

On 7 June at the Cringila Community Cooperative, a study concerning blood lead in children in Port Kembla and adjacent areas was launched.

The study is being conducted by the Illawarra Public Health Unit and the University of Wollongong's Environmental Health Unit from the Department of Public Health and Nutrition.

Dr Victoria Westley-Wise and Mr Richard Willison of the Public Health Unit, Professor Dennis Calvert of the Medical Research Unit, Dr Ignatius Gan of the Illawarra Regional Hospital and Dr Irene Kreis of the Environmental Health Unit are involved in the study.

They will be going door-to-door in Port Kembla, Cringila and a part of Warrawong to trace the children to be investigated.

Blood samples will be taken and questionnaires administered.

Enquiries: phone 26 4677.



*Julie Ward from Southern Pathology was congratulated by Philip Scott. Looking on are lecturers Paul Patterson (left) and Muric Cicic (right), Head of the Department of Management Gill Palmer (centre), and participants in the course Bruce Paul, from City Rail, Roger Lucas, from the Police Academy, and Gillian Curtis from the University.*

## Service Quality Course should lead to changes

After completing a 10-week course run by the Department of Management through the Illawarra Technology Corporation, representatives from many Illawarra and NSW organisations have a heightened commitment to improving the quality of the service their organisation offers and the knowledge to be able to initiate service quality programs.

Lecturers Philip Scott, Paul Patterson, Muric Cicic and Lesley White hammered home to a group of 20 participants the value to a service organisation of offering a client-centred, quality service.

A reliable, friendly service in attractive surroundings is no longer a luxury; it is at the core of success in an increasingly competitive market place.

The principles of Service Quality are just as relevant to public sector organisations as to private organisations and not the least of the benefits is a more highly motivated workforce.

The next course will be held at the University Centre in Sydney in July. For enquiries phone the Education and Training Division, Illawarra Technology Corporation (042) 268 884.

### FESTIVAL EVENT

## "Time, Gentlemen! \*"

A new Australian musical

Book and lyrics by John Senczuk

Musical by Paul Coombes and Jim McCallum

Theatre South doesn't present musicals very often but such occasions have been major events in the city. "Tommy" at the Port Kembla Leagues Club in 1984 was the first, followed by "Wonderful Wollongong" in the tent at McCabe Park, Anthony Warlow in "Song to Sing O", "Convict Girls" which opened the Performing Arts Centre in 1988 and "Vroom Vroom" in 1991. Our last success was staging the Black Swan production of "Bran Nue Dae" in 1993.

The year is 1902. The hopes and dreams of Federation are still in the air as the little North Western town of Mungeribah prepares to celebrate the visit of the popular politician, the people's friend, Sir William Wentwest. The publican/pianist, Ivory Tapper intends to rename his pub "The Federal", while local landowner Ridley Harvester intends to throw his daughter Margaret at Sir William's heart. But Margaret, a feisty "all Australian girl" has other ideas. She has her sights set on Sir William's secretary, the handsome upright - and naive - Tom Dunwell.

Also returning to town is hobo Frank Ruffsit, who left town in disgrace but thinks he's found a new way to pay old debts.

"Time, Gentleman!" is written by John Senczuk who is very well known as a designer for such companies as Sydney Theatre Company. For the last few years, he has turned his attention to writing and directing with considerable success. "Sugar Mother" was produced by Theatre South in 1993 and staged at the Sydney Opera House. This particular project is close to his heart, for John himself was brought up in a pub in North West New South Wales.

The music has been written by the collaborative team of Paul Coombes and Jim McCallum, who have teamed up for Theatre South previously ("Vroom Vroom"). More importantly, they have their own country based band called "Shot to Pieces" and have recently released a self-titled CD.

Theatre South has assembled a distinguished cast of singer/actors - Ron Blanchard ("Vroom Vroom"), Jacqueline Linke ("Into the Woods"), Tim McGarry ("Big River"), Angela Karagianis ("Fossils") as well as some of our regulars including Paul Coombes as Ivory Tapper.

"Time, Gentlemen!" plays at the Bridge Theatre, Coniston from 8-25 June, Tuesday to Saturday at 8.15pm, Thursday matinees at 11am, Saturday Matinees at 4.30pm and Sunday 19 June at 5.30pm.

Phone (042) 296 144 or fax (042) 291 733.



## Getting together for the sake of art

*Students from Gwynneville Public School and fourth year Bachelor of Education students from the University teamed up to paint a mural of the escarpment last month. It was part of a program to beautify the school grounds. The mural will become a feature of the playground.*

### General

15-19 August: University Union Blue Stocking Week.

28 August: University Open Day.

30 August-3 September: Union Week.

4 September: Graham Park, Shoalhaven, Open Day.

The Illawarra Committee for Overseas Students (ICOS) upcoming events: July 23 and August 6: Snowy Mountains one-day trip \$25 (coach only).

Human Research Ethics Committee. Agenda Deadline Dates: 13 July, 10 August, 12 October, 9 November, 7 December. Meeting Dates: 26 July, 23 August, 25 October, 22 November, 20 December.

Key Centre for Mines courses: 15-16 June: Longwall Technology Transfer Workshop; 18-19 July: Mining Law; 20-22 July: Land Tenure and the Mining Industry; 27 September: Disposal and Utilisation of Mine Waste; 7-11 November: Modelling, Planning and Evaluation of Resources on a Per-

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For any other enquires 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.

## What's On

sonal Computer; 14-18 November: Environmental Geology. Inquiries: Professor Naj Aziz, phone 21 3449, or Sue Wade, phone 21 3057.

### City of Wollongong Symphony Orchestra Concerts

13 August: Past Eisteddfod Winners, Petra Davis (violin), Heather Lee, (soprano). Conductor: JWD. University Singers. Conyngham 'Matilda' (for BC's 50th b'day); Bruch Violin Concerto No1, Arias from 'Don Pasquale', 'Capulets and Montagues', 'Don Giovanni', Dvorak Slavonic Dances.

26 November: 'Judy Glen's Spaghetti Opera'. Conductor: JWD, Judy Glen, soprano-comedienne. A comedy of arias interspersed with short pieces from the 'classical favourites' repertoire.

All concerts at IMB Theatre, IPAC, on Saturdays at 8pm. Adults \$20, concession \$17, family of four \$64, student rush \$10.

### The Art of Lunch

A series of one-hour performances in the Music Auditorium (University Building 24.G01) on Thursdays at 12.30 during session. Admission: Free

### Artists' Talks

Wednesdays 12.30-1.30 pm. Music Auditorium. Admission free.

### Long Gallery

Until 26 June: Environment Show - Penny Harris & Ian Gentle curators (part of Creative Arts Festival).

1-24 July: Naidoc Show, curator Trish Woods.

29 July-21 Aug: TAFE/Artist Books Exhibition.

25 Aug-18 Sept: Turkish Exhibition, student/community.

22 Sept-12 Oct: Postgraduate Show, Leonard Smith, Julianne McCue, Catherine Kay.

16 Oct-6 Nov: Bronzes, Ken Stone, Lynn Brunet, John Telford.

14 Nov-7 Dec: BCA Graduating Exhibition.

For further information please contact Elizabeth Jeneid at the Faculty of Creative Arts, phone (042) 21 3048.

## Stop Press

### Tour The University Centre, Sydney 30 June

Planning and Marketing have organised a tour of The University Centre in Clarence St, Sydney for staff so you will be aware of the excellent facilities available for your use.

Transport arranged. Phone Margaret, ext. 3248.

(The University Centre is a facility shared by the University of Wollongong, Charles Sturt University and the University of New England.