




# CAMPUS NEWS



**AUSTRALIAN UNIVERSITIES GAMES WOLLONGONG 1994**  
S E P T E M B E R 2 5 t h - 3 0 t h



## 1994 Schweppes Sportplus Australian Universities Games

The University of Wollongong Recreation and Sports Association will host this year's Schweppes Sportplus Australian Universities Games from 25-30 September.

More than 5000 athletes and volunteers will converge on Wollongong to compete in 20 officially-sanctioned sports, making it one of the largest sporting events in Australia.

It will be larger than the 1982 Brisbane Commonwealth Games.

Athletes from overseas universities

will compete in individual events to add an international flavour to the games.

The opening ceremony will take place on North Wollongong Beach, Sunday 25 September.

Highlights include Terry Fox Fun Run, RAN fly-by, athletes' marchpast, light and laser show, and official opening by Commonwealth Games athlete Cathy Freeman.

The closing ceremony will be the culmination of a week of sporting and

social activities.

Winning teams and champion university will be named and a ceremonial scroll will be handed to the 1995 host, Northern Territory University.

An extensive range of social activities has been planned and internationally-renowned Australian artists have been secured to perform throughout the week.

Thursday 29 September will see top young Australian bands competing in the Battle of the Bands final.

Facilities to be available to media at the University during the Games include: state-of-the-art telecommunications facilities, radio studio, TV studio, helipad, and media centre with fax, phone, photocopier, computer, supplementary lighting and access to instant electronic results updates.

The Games will officially be launched on 8 September at 11.30am by several past and present international competitors at the new International Athletic Centre, Homebush.

Speakers will include Philip Kearns and Tammy Van Wiess.

### **\$2000 acknowledgement for Faculty of Engineering**

In appreciation of the contribution made to its education and training program in the area of quality management and health and safety, the local BP distributor, R.J. Young Pty Ltd, has presented Dean of Engineering, Professor Tibor Rozgonyi, with a cheque for \$2000.

The Faculty of Engineering is involved in education and training programs as well as technological developments that will benefit local industry and the people of the Illawarra.

This type of investment in the University of Wollongong and the Faculty of Engineering will enable the continual development and improvement of our educational offerings and direct technology transfer in the future.

The Faculty looks forward to a continuing relationship with our local BP distributor and other local businesses.

# Multi-media package to reduce agricultural accidents

The Interactive Learning Software group, based in the Communications Centre, has been awarded an Education and Research Grant from the WorkCover Authority of NSW to develop a training package to reduce accidents in the agricultural industry.

The group recently has transferred from Information Technology Services to the new Educational Services Development Unit.

Manager of the group, Geoff Hamer, said that the package will be an interactive adventure game designed for 12 to 15 year-olds, and developed initially for the Windows computer with CD drive.

The working title of the package is 'Don't Kick the Tractor'.

The 'player' will be given a list of farm tasks to do, such as cutting down a dangerous tree with a chainsaw, sawing it up into fence posts and dragging the posts to another field with a tractor.

The objective will be to avoid all the hazards associated with these tasks.

If successful, the player will receive a 'cash' bonus; if unsuccessful, the player will lose some of his or her bonus and may well finish up in 'hospital'.

A 'get-the-facts' database will be available at all times for reference. The database will also contain acci-

dent statistics and video clips of real-life stories.

The team developing the software includes Beth Cavallari (instructional design), Helen Carter (database designer), Mike Packham (graphic artist) and Mandy Vallario (programmer).

The first real exposure of the package will be on the WorkCover booth at the 1995 Royal Easter Show.

It is expected that a second round of funding will enable further developments of the package, specifically to port it to the Macintosh, to add more topics, and to provide teacher notes to go with the package so that it can be used in high schools.

## Learning Software Group transfers from ITS to ESD

The Learning Software Group has transferred from Information Technology Services to join the Educational Services Development Unit in the Communications Centre.

The group comprises Geoff Hamer, Helen Carter, Beth Cavallari, Karen Taylor and several multi-talented programmers, a graphic artist and desk-top publishers.

This team is responsible for several computer-assisted learning and training projects for the university and for industry, and is available to help academic staff use appropriate technologies.

Phone or e-Mail any of the above.

## New title for Penny Chapple

Penny Chapple, previously Senior Music Administrator at the Conservatorium, has been appointed as the Director of the Conservatorium reporting to the Dean of the Faculty of Creative Arts.

# Wollongong participates in a national 'first'

The Dean of Engineering, Professor Tibor Rozgonyi, has announced that the faculty had been chosen by the Department of Education, Employment and Training to establish an Australia-wide Clearing House in Engineering.

The project has received funding of \$195,000.

Clearing houses are being established by the Committee for Advancement of University Teaching (CAUT) the first two successful tenderers being Wollongong University for Engineering and Sydney University for Physical Sciences.

Another two will probably be established this year together with a central coordinating clearing house.

The projects have a duration of three years and have dual aims:

- to provide access, worldwide, to teaching resource materials electronically and through the Internet, and
- to introduce an electronic journal for publication of 'teaching' papers at such a standard that they will be used for promotion purposes by their authors.

Professor Rozgonyi is responsible for the overall project and is establishing a management committee from among other deans of engineering, industry, and the Institution of Engineers Australia.

Insofar as the resource material is concerned, it will be known as the Electronic Clearing House of Australia-Engineering, the director being the Dean, and Associate Professor Bill Upfold, the Technical Director.

The publishing side will be known as the Electronic Journal of Australia-Engineering, the Editor-in-Chief being Professor

Rozgonyi, with Associate Professor Upfold the Technical Editor.

Several editors will be established for the various specialist areas within engineering and each of these will form their own editorial panels.

One of the reasons that Wollongong was successful with its proposal to DEET/CAUT is that it presented a very strong engineering profile comprising staff from the Engineering Faculty, the Educational Services Development Units, and the Systems Interaction Group of Information Technology Services.

Technical Director of the overall project, Geoff Hamer of ESD, with an MA (Cantab) in maths and engineering, and Ian Piper of ITS with his PhD in computing science and engineering, make up a first class team and perfectly compliment faculty staff.

The team is able to combine, very effectively, the dual necessities of expertise in engineering and modern computing, telecommunications, and network services.

In granting the project to Wollongong, CAUT has emphasised that all activities will be via electronic means.

Accordingly, almost all activity will be via AARNET, the Internet, and Janet, using World Wide Web as the server and mosaic as the client software.

As this will be a 'first' for Australia, and following trends in the UK and Sweden, considerable quality and evaluation safeguards and standards are being designed for incorporation into the projects.

# Testing HIV/AIDS prevention strategies with Australian youth

Linda Viney and Rachael Henry in the Department of Psychology have been awarded \$120,000 over two years by the Commonwealth AIDS Research Grants Committee.

The aim of their research is to test two alternative small group interventions for HIV risk-taking by school age adolescents, who are criminal offenders and non-offenders.

These interventions are based on psychodynamic and personal construct models of risk-taking involving an individual's conscious and unconscious judgments and interpretation of events.

If successful, these interventions will later be used as HIV/AIDS prevention strategies with Australian youth.

The guiding principle of Australian HIV/AIDS policy is that HIV is preventable through changes in individual behaviour and that prevention programs are necessary to achieve this change.

So far researchers here and overseas have focussed on knowledge about and attitudes to HIV/AIDS, so that calls have gone out for research which assesses interventions based on conceptual models of HIV risk-taking.

There is a need to work with young offenders, many of whom will come to prisons in the future.

Prisons are centres for the potentially uncontrollable spread of HIV and yet prevention interventions based in them are still ineffective.

AIDS is likely to become the leading cause of death in young Australian adults, and these deaths will be costly, both financially and psychologically. So research like this identifying effective preventive strategies is crucial.

This work will also provide some information about the differential responsiveness of young people to these strategies and so when scarce resources should be used or not used.

Adolescents, being susceptible to peer pressure, are likely to be responsive to working in groups, partly because of the peer-based norms which they follow, and partly because group work involves many helpful social factors.

Psychodynamic and personal construct therapies both have well-articulated group procedures.



Linda Viney (left) and Rachael Henry

Psychodynamic group work has been developed with children and adolescents over a range of clients and settings.

Personal construct group work has proved effective with a range of goals and clients of different ages.

The psychodynamic group is aimed at enlarging the capacities of the group members to tolerate the pain and deal with the potency of adolescence by reflection rather than acting out of risk-taking behaviours.

The personal construct group is seen as providing an opportunity for elaboration of those personal meanings with which its members view the world.

The four treatments making up the treatment factor of this research will consist of:

1. the psychodynamic group,
2. the personal construct group,
3. the placebo (a naturally-occurring, adult-led but with no psychological component) group, and
4. the no-group control condition.

A second factor will be the type of adolescent: offender and non-offender.

The third factor will be the length of the group: 10 and 20 weeks.

Two pairs of leaders will run the two types of intervention groups in a counterbalanced design.

A wide range of dependent variable data will be collected on three occasions: before the intervention, immediately after it and four months later.

Ms Viney and Ms Henry are well prepared to conduct this research, having been funded by CARG to develop greater understanding of the psychology of living with AIDS.

Their experience in research with adolescents is considerable, and their mastery of the two conceptual frame-

works is unusual in Australia.

Ms Henry has recently completed four years' of post-doctoral training in psychodynamic psychotherapy with adolescents in London, while Ms Viney is an internationally-recognised leader in personal construct psychology.

Working with these researchers is a full-time Research Assistant, Joanne Campbell, who has had considerable experience in data collection from adolescents. She is supported by several part-time staff.

They will also employ part-time group therapists, as well as training students in these skills in their own postgraduate programs in Clinical Psychology in the Department of Psychology (the MA Hons and PhD).

The research team has developed a very good working relationship with the NSW Department of Juvenile Justice, largely due to their Chief Psychologist and Head of Research.

This department has encouraged and provided time for the training of some of their staff in the group work interventions which are central to this project.

This means that, when this research funding ends, the department will maintain the necessary skills to carry on with the interventions.

They have completed their first sets of before-intervention data, their initial training of group leaders, and started their first psychodynamic and constructivist groups at Mt Penang Juvenile Justice Centre, Gosford and Reiby Juvenile Justice Centre, Campbelltown.

They are also starting group work and collecting attendant data at the Albion Park High School, where staff have also been very helpful.

# Allan Sefton Memorial Lecture on biodiversity

The Allan Sefton Memorial Lecture for 1994 will be held on Thursday, 22 September in the Union Function Centre, Building 11 at 7pm.

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

An employee of the Port Kembla steelworks, his spare time was spent recording information about the local flora and fauna, advising on the proper use of resources and attempting to ensure the local environment was properly managed.

In recognition of his contributions to environmental science, Wollongong City Council and BHP donate 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 Environmental Science program.

The balance has been used to establish an annual Memorial Lecture. The inaugural lecture was given last year by Professor Harry Recher from the University of New England.

The 1994 Allan Sefton Memorial Lecture will be presented by Professor of Ecology, at Griffith University,

Brisbane, Professor Roger Kitching.

His topic is Biodiversity: Buzzword, Bible or Beacon?

Biodiversity has become the new environmental word – biodiversity conventions, biodiversity strategies, biodiversity advisory committees, even biodiversity tours and holidays!

Professor Kitching said the lecture will examine just what is this thing called biodiversity and whether or not its current vogue is anything new.

'I shall suggest that it is a new idea in its present context, that it is a worthwhile goal for conservation and conservationists, but that it represents a compromise, some of the consequences of which may be unpalatable to society and ardent conservationists in particular,' he said.

'Scientifically speaking 'bio-diversity' is merely a rebadging of 'biological diversity' - the concept of genetic, species and ecosystematic diversity on the face of the earth. Simple though this idea is, it represents a mind-boggling set of information very little of which is currently available to us.

'What little information we do have suggests that as a resource the earth's biodiversity has the potential to enhance the lot of humanity in general, and to enrich 'biodiversity' entrepre-

neurs in particular.

'As a basis for conservation and management an approach aimed at biodiversity in general represents a new 'top-down' approach in contrast to the 'bottom-up' approach we have become familiar with in which 'the species' is the prime object for preservation.'

He said that setting goals which are based on the preservation and perpetuation of biodiversity in a fashion that is optimal and commensurate with available conservation dollars, may well be an acknowledgment that some species currently extant may not continue to exist in the long term.

'Of course we may choose to preserve such species by heroic measures which themselves may have unwanted wider ecological impacts,' he said.

The Inaugural 1993 Allan Sefton Memorial Prize for the best graduate in the Bachelor of Environmental Science program will be presented by a representative from the Sefton family.

The introduction of the 1994 Allan Sefton Memorial Lecturer will be by Group General Manager, BHP Slab and Plate Products, Port Kembla, Mr Paul Jeans.

Bookings to Sandra Quinn, 214 134.

## World renowned soprano comes home

The current Faculty of Creative Arts artist-in-residence, soprano Pamela Mildenhall was born in Wollongong where she began her musical studies, first with piano, later adding voice and viola.

Graduating from the former Wollongong Teacher's College, she became involved with music in schools where her interest in singing was encouraged and developed.

She furthered this interest studying singing at the Wollongong and Sydney Conservatoria, and later at the Canberra School of Music under David Parker.

She graduated as student of the year for both her academic and performance achievements and received a scholarship to pursue her vocal studies in Europe.

Since 1984, Ms Mildenhall has been based in Vienna where she has established a busy career as a performer and teacher.

She is in great demand as both a soloist and ensemble singer, with a particular interest in the baroque and early music repertoire.

In opera and oratorio she has performed in Berlin, Bayreuth, Halle an der Saale, Paris and Salzburg, working with conductors such as Leonard Bernstein, Nicolas Harnoncourt, Christophe Coin and Jaap ter Linden.

Her recording credits include Delius' opera *A Village*

*Romeo and Juliet* under Sir Charles Mackerras.

Earlier this year she completed a successful solo tour of Denmark and Sweden with the Danish accompanist Bine Bryndorf.

Ms Mildenhall is a member of the internationally-acclaimed vocal ensemble, La Cappella Vienna, with whom she frequently broadcasts for radio and television.

The ensemble travels widely in Europe, appearing regularly at music festivals, and has recorded several much-praised compact discs of renaissance music.

Ms Mildenhall is also much in demand as a vocal teacher in Vienna where she maintains a busy studio.

Since 1992 she has been a staff member of the renowned Mozarteum in Salzburg where she has appeared regularly as a soloist with the Mozarteum Orchestra and Collegium Vocale, Salzburg.

She is artist-in-residence in the Faculty of Creative Arts until September 2 where she will work with voice students in the Music Strand.

She will give two public recitals at the University, the first at The Art of Lunch on Thursday September 1, and an evening recital on Friday September 9.

She will be accompanied by pianist David Vance in songs by Purcell, Mozart, Schubert, Dvorak and Berg.



# Wollongong's role in international cooperation on human resources development



*Deputy Director, Planning Division, Council of Labour Affairs, Ms Ou. Jen Fang; Employment and Vocational Training Administration, Council of Labour Affairs, Yang-kuang Tan; Professor Stephen Hill CRP; Ministry of Foreign Affairs, Eric Pi-chiang Chang; and Matt Ngui, CRP.*

In 1991, a foundation meeting for the Asia Pacific Economic Cooperation-Human Resources Development for Industrial Technology (APEC-HURDIT) program was held at the University of Wollongong.

It was coordinated and managed by the Centre for Research Policy (CRP) and funded by DEET.

The International Coordinator and Director of the Centre is Professor Stephen Hill.

The 17 members of the HURDIT Network are lead institutions nominated by governments to enhance and improve the qualities of human resources to fill the gaps in trained and skilled personnel for economic development, management, business, industrial technology and the environment.

The members of this network include Australia, Brunei Darussalam, Canada, PR China, Hong Kong, Indonesia, Japan, Korea, Malaysia, Mexico, New Zealand, Papua New Guinea, Philippines, Singapore, Chinese Taipei, Thailand and USA.

Chile has observer status in APEC.

The network is built on the fabric of cooperative and collaborative relationships through APEC-funded and self-funded projects coordinated by the Centre for Research Policy as the international coordinator and the Australian National Lead Institution for APEC-HURDIT.

Since 1991, the APEC-HURDIT program has built substantial relationships with senior government officials, industry leaders and research centres nationally and internationally.

The nine projects managed by the centre include assessing skills shortages in APEC countries, developing a quality workforce through on-the-job training, comparative best practice approaches to manufacturing and future directions of industrial environmental technology in APEC.

The Centre for Research Policy has appointed Mr Matt Ngui as the project manager for the APEC-HURDIT Network.

Mr Ngui was born in Malaysia and brought up in Brunei and has extensive networks in Asia.

He has lived in Australia for 30 years and has extensive experience as a senior policy adviser in government for many years in Australia. He brings a wealth of relevant experience, network and knowledge to the position.

Every three years the policy advising, leadership and administrative role in driving the international meetings for APEC-HURDIT and managing the international projects is handed over to another member country.

Recently three government officials from Taiwan spent a week in the Centre for Research Policy (CRP) as part of this handing over process.

The CRP at Wollongong will continue to be an Australian National Lead Institution in HURDIT and will take on the role of elder statesperson in APEC's Human Resource Development Working Group.

CRP will continue to develop APEC's links with industry, assist member economies in assuming its international obligations, and extend its network throughout Asia and the Pacific.



*Dr Irene Kreis; Professor Dennis Calvert; Mr Alan Eldridge; Ms Vandana Sundaram; and Dr Paul Finlayson discussing project work at Food for Thought cafe.*

## Two Yale students here for blood lead and Aboriginal health studies

Two graduate public health students from Yale University, USA have been working at the University of Wollongong as part of their research.

Ms Fathiya Baabde from Tanzania worked under the supervision of Dr Irene Kreis, senior lecturer in Public Health leading the Environmental Health Unit.

Dr Kreis is carrying out a study on blood lead levels in children in the Port Kembla/Cringila area in an attempt to relate blood lead to factors such as housing conditions and sources of lead.

With a strong background in analytical chemistry, Ms Baabde has been particularly concerned with ensuring quality control standards are met in the project, which involved a multi-disciplinary group of collaborators under Dr Kreis' direction, funded by the NSW Health Department.

Ms Vandana Sundaram from India, has worked on defining measures for use in Aboriginal Health.

The problem is one in health informatics; how can a vocabulary of ill-health be developed so that it best describes the needs of an Aboriginal population and is most helpful to those who must plan to provide for the health needs of the population.

The program is under the overall supervision of Professor Don Hindle in the Centre for Health Service Development, but day-to-day supervision has been provided by Mr Alan Eldridge, Project Manager for Aboriginal Health Informatics in the Aboriginal Health Branch, North Sydney.

Dr Paul Finlayson from the Univer-

sity of Sydney, a clinical senior lecturer based at Hornsby Hospital, is himself a Yale Graduate and is the liaison with Yale students who are studying in NSW.

He provided Ms Sundaram and Ms Baabde with a link to their University while working on projects in Sydney and Wollongong over a three-month period.

Professor Dennis Calvert, Public Health Nutrition, said he hoped he could arrange further postgraduate placements in public health.

Two students from the Netherlands were expected soon.

He is also willing to discuss possible overseas study in the United States, Europe or Asia with students from the University of Wollongong.

The Department of Modern Languages is holding its last regular workshop and seminar on general and language-specific teaching issues to the general public next month.

On Friday 23 September Mr José María Heras Varela, who is on secondment by the Spanish government to teach Spanish at the University of Wollongong, will present 'Do it quickly: videos'.

Mr Varela graduated in Teacher Education from the University of Santiago de Compostela.

While in Australia he has also taught Spanish at Waverley Public School and Fairfield High School.

He has published a collection of poetry and more recently, a children's novel in Spanish.

He is currently involved in developing video resource material for the classroom.

This series of seminars are particularly designed to be

## Last Language teaching workshop for 1994

relevant to the primary and secondary teaching community in the Illawarra.

These seminars offer the opportunity to extend and assist teaching. The Department teaches French, Italian, Spanish, Greek and Japanese.

The seminars are held on campus in the new Keira View Building, (Bld 67) Education Room 343 from 3.45-5.30pm.

There is a charge of \$3 per person to cover the cost of afternoon tea.

Inquiries to Noriko Dethlefs or Elizabeth Thomson, phone 213 676.

# Introduction to Tertiary Teaching Certificates

On Monday August 15 the Dean of Education, Associate Professor John Patterson, and the Head of the Centre for Staff Development, Associate Professor John Panter, hosted a ceremony for the presentation of certificates to University staff who had recently completed the Introduction to Tertiary Teaching course. (ITT).

Certificates were awarded to 16 staff members at a luncheon in the Union Bistro.

The presentation was performed on behalf of Professor Christine Ewan by Dr Max Gillett from the Faculty of Education.

Dr Gillett noted one unanticipated outcome of the course – the cross-campus network of friendship and

collegial cooperation that has emerged as a strong feature of the graduating and earlier ITT groups.

He joined the group in an acknowledgment of the contribution of Liz Ellis (CSD)

Dr Patterson commended the program and confirmed the Faculty's commitment to it.

He congratulated the graduates on their performance and encouraged them to continue their pursuit of excellence in teaching.

Dr Panter endorsed these comments and recommended continued involvement in professional development activities.

The meeting was also attended by Professor Ken Gannicott of the Graduate School of Education and other

academics who had acted as support persons for ITT participants, Dr Chris Everingham (Sociology) and Dr Grace Masselos (Education) and Dr Lawrie Schafe (Business Systems).

Recipients of the ITT certificates were: Vladimir Belov (Mathematics), Rodney Clarke (Business Systems), Allison Fox (Psychology), Scott Grattan (Law), Marilyn Hales (Nursing), Bob Jones (Management), Richard Joseph (InfoTech), Boon Lee (Economics), Philip Ogunbona (Electrical Engineering), Rhonda Roberts (STS), Anatoly Rozenfeld (Physics), Susan-Lee Walker (Education), Trish Vezgoff (Sociology), Lesley White (Management), Stephen Wilson (Chemistry) and Roslyn Wetten (Mathematics).

The first meeting of a special interest group of approximately 30 staff of the University of Wollongong was held on 22 August.

Organised by Dr Max Gillett of the Faculty of Education, the group plans to meet regularly to share ideas, set goals and report on progress related to teaching.

The concept of a special interest group involving collegial support, shared reflection and the pursuit of excellence has emerged from the ITT course offered jointly each session by the Centre for Staff Development and the Faculty of Education.

It is based on the University of Lethbridge (Canada) model described by Professor David Townsend.

This model requires group members to share with and support one another as they cooperatively embark on their study of teaching and the refinement of their personal styles. As Townsend states, participants in this

## Special interest group – teaching

process need to 'leave their egos at the door'.

No-one is regarded as the 'resident expert', but all are welcome to share their ideas, expose their successes and failures, and generally accept and provide assistance to colleagues in the group.

The experiment should be very interesting as participants come from all faculties and include Deans as well as lecturers.

Membership of the special interest group should be rather fluid because of the difficulty of setting a generally convenient time, but meeting dates will be staggered so as to include as many staff as possible.

Interested staff are invited to join the group by contacting Max Gillett, ext. 4277, in the Faculty of Education.

## The Journey of the Turquoise

An exhibition of work by Turkish/Australian artists

Bulent YONTEM, Guler YONTEM, Ali JABBAR, Tahsin OZTURK, Sevinc OZTURK, Tamris USTUN, Ayse ALPANDINAR, Ipek GOLDELI

In conjunction with an exhibition of work by Textile students from Faculty of Fine Arts, Marmara University, Istanbul, Turkey.

August 26 - September 18

Opening 26th August 1994, 7 pm by Mr. Yavuz Aktas, Turkish Consul - General

Lana Gallery

Open Mon-Fri 9-5pm, Sat 11-30-4pm Enquiries: (042) 213 996  
Faculty of Creative Arts University of Wollongong

## General

Until 3 September: Union Week.

4 September: Graham Park, Shoalhaven, Open Day.

15 September: Postgraduate Research Student Open Day, Union Function Centre.

30 September: RACI Natural Products Chemistry Group one-day seminar at the University of Wollongong. Speakers: Dr Mary Garson, University of Queensland, 'Marine Molluscs - Biosynthesis and Chemical Ecology', and Dr John Edgar, CSIRO, 'Poisonous Natural Products'. Titles and abstracts for 20-minute presentations are being sought. Enquiries: Dr Davis Leach UWS, Hawkesbury (045) 701 434.

**Human Research Ethics Committee.** Agenda Deadline Dates: 12 October, 9 November, 7 December. Meeting dates: 23 August, 25 October, 22 November, 20 December.

Key Centre for Mines courses: 27 Sep-

## What's On

tember: **Disposal and Utilisation of Mine Waste**; 7-11 November: **Modelling, Planning and Evaluation of Resources on a Personal Computer**; 14-18 November: **Environmental Geology**. Inquiries: Professor Naj Aziz, phone 21 3449, or Sue Wade, phone 21 3057.

**Cell and Molecular evening seminar series** run by the Department of Biological Sciences. 19 September: Dr Jim Chin (Elizabeth Macarthur Ag. Inst. Camden, NSW Dept. Agriculture) The Gibco seminar on Mucosal Immunology. 10 October: Dr Brad Walsh (Centre for Immunology, St Vincent's Hosp., Sydney) The BioRad seminar on Macrophage Activation & 2D-Electrophoresis. 17 October: Prof Barry Rolfe (Research Centre for Biological Sciences, ANU) The AMRAD/Pharmacia seminar

on Plant Biotechnology. 24 October: Prof Peter Reeves (Dept. of Microbiology, University of Sydney) The Bresatec seminar on Prokaryote Evolution. Held at 7.30pm in Building 35, Room 105. Enquiries: Phone (042) 213 013, Fax (042) 214 135.

## City of Wollongong Symphony Orchestra Concerts

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.

At IMB Theatre, IPAC, 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

## Long Gallery

Until 18 September: Turkish Exhibition, student/community.

22 September-12 October: Postgraduate Show, Leonard Smith, Catherine Kay.

16 October-6 November: Bronzes, Ken Stone, Lynn Brunet.

14 November-7 December: BCA Graduating Exhibition.

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

## US visitors to run workshops

Two speakers from USA will be touring Australia for six weeks as part of the Bernard van Leer Foundation sponsored visit.

They will be presenting workshops at the University on Thursday 8 September. For further information and booking please contact Cecily Boas on ext. 4466 or 3776.

From 10am-12pm, the Deputy Director, Federation of Child Care Centres of Alabama, Jack Guillebeaux, will present the first workshop.

Sustaining relationships between educators and students, service providers and recipients in culturally diverse settings requires vision, knowledge, skills and commitment.

Assumptions are made that professionals can effectively connect and communicate with recipients. The knowledge, skills and attitudes that providers need are not necessarily provided by their culture.

As a rule, the provider has more access to power, resources and change than the recipient. Thus, the onus weighs heavily on the provider.

What is needed is an opportunity for all those involved to identify all problems, weakness, short comings, deficiencies and needs.

The second workshop will be run by Ellen J Wolpert from the Washington-Beech Community Preschool, from 1.30-3.30 pm.

Multicultural, anti-bias, anti-racist curriculum for early childhood, staff training, parent exposure, classroom implementation and children's responses involves the development of an atmosphere and curriculum that seeks to challenge all forms of bias such as stereotyping, racism, and other forms of discrimination and injustice.

It includes the development of:

- a strong sense of self-confidence but not superiority
- respect for others and the recognition that there is not always one right answer, opinion, or way of doing something
- critical thinking skills and the ability to express these
- the ability to recognise bias and injustice and to act against it

This curriculum is an approach rather than a formula and has application in diverse settings by adjusting priorities and specific activities or images.

It demands a constant examination of the cultural, racial, class and gender relationships and the forms bias is taking, requiring new analysis and creative strategies.

## Stop Press