



Number 4

March 19, 1991

University presentation to scholars and sponsors

THE University of Wollongong conducted a presentation ceremony on March 5 to honour students who won Co-operative Education Program Scholarships and to acknowledge sponsors who have funded the scholarships.

Scholarship winners will receive \$9300 per annum (tax free) for the duration of the course they are undertaking (3-5 years).

The students who won scholarships were:

Suzana Veljanovska, Zorica Krusaroska, Stephen Giblett, Katherine Beatty, Andrew Jones, Steven Floyd, Shannon Ballard, Glen Middleton, Kathleen McCarthy, Peter Williams, Anthony Allen, Kevin Velovski, Gordon Bradley, Alexander Golowenko, Peter Gooding, Fiona Soper, Kaylene Atkinson, Jennifer Ford, Nicole Goss, Jennifer Atchinson.

These students will also have a significant period of professional work experience with sponsors.

The selection process considered the student's results in the Higher School Certificate, school academic and other school achievements and involvements, together with the student's personality, interest and attitudes.

The Co-Op Scholarships were advertised throughout the secondary school system in NSW resulting in more than 800 applications.

The students come from all over the



Two of the scholarship winners, Nicole Goss, from Kangaroo Point, (left) and Shannon Ballard, from Dubbo

State - Byron Bay, Batemans Bay, Coleambally, Dubbo, Orange, Wingham, Wollongong and Sydney.

The University is indebted to the sponsors funding the scholarships and providing professional work experience opportunities: David Brown Gear Industries Limited (Mechanical and Materials Engineering); Illawarra Technology Corporation (Commerce and Computer Engineering); MM Metals (Mechanical Engineering); OTC

(Electrical Engineering); Illawarra Electricity (Electrical Engineering); Southern Copper (Commerce); ACT Roads and Transport Branch, Department of Urban Services (Civil Engineering); Apple Computer Australia Pty Ltd (Mathematics - Computer Science); Nortel (Computer Engineering); The Water Board (Environmental Science); Kembla Coal and Coke Pty Ltd (Mining Engineering); Kell, Heard McEwan and Lough - Solicitors (Law); Maguire and McInerney - Solicitors (half Scholarship Law); Higgins, Dyson, and Webley - Solicitors (part scholarships - Law); Daly Bussoletti & Co - Solicitors (part scholarship); Denley Gargett & Baird - Solicitors (part scholarship).

Easter break

THERE will be no Issue of *Campus News* produced during Easter week to come out on April 9. Please keep this in mind when contributing seminar notices etc, for publication

Brief News

ARE you employed by the University and still pay your medical contributions monthly to a chemist or perhaps you do not have any private medical cover at all?

You can have your contributions to health funds deducted from your pay.

The University will make deductions from your salary for the following health funds: HCF, MBF, Teachers Federation Health Service, NIB, Grand United IOOF, Manchester Unity IOOF, Illawarra Health Fund, Medibank Private, Government Employees Health Fund.

Application forms are available from the Personnel Office

TWO Mining Engineering students have been awarded highly competitive national scholarships to assist them in the completion of their studies in Mining Engineering in the Department of Civil and Mining Engineering at the University of Wollongong.

Charles Goldsmith, a third-year Mining Engineering student, has been awarded the Aus. IMM Education Endowment Fund Scholarship for 1991 valued at \$7000 per annum.

Mr Goldsmith began his studies for BE in Mechanical Engineering at the University of Canterbury, New Zealand, and transferred to Wollongong in March, 1990.

Last year he attempted 14 subjects and obtained one High Distinction, eight Distinctions and one credit.

The Shell Resources Scholarship valued at \$8000 per annum has been won by a second year Mining Engineering student, Dean Sorley to assist him in the completion of his degree.

Mr Sorley won this scholarship in competition with 64 students from 15 Australian universities.

During his first year of study Mr Sorley studied 10 subjects



Institute of Engineers President Dr Mike Sargent (left) with Illawarra region Liaison and Development Officer Ms Judith Gordon and Dr Denis Montgomery, a senior lecturer in the Faculty of Engineering

A GRADUATE from the University of Wollongong, Judith Gordon, has been appointed by the Institution of Engineers, Australia as its Liaison and Development Officer for the Illawarra Region.

The University has provided facilities on the campus for the Institution's new office, which was formally opened last week by Institution President, Dr Mike Sargent at the Wollongong Club.

According to the Chief Executive of the Institution, Bill Rourke, the opening of the office reflects the strength of engineering in the region and the contribution made by professional engineers to the region's infrastructure and industries.

Moreover, the Institution intends to be active on the University campus where it will explain to engineering students the career benefits that flow from joining Australia's largest professional association for engineers.

For further information, contact Dr Sargent, tel. (07) 223 4297.

and obtained three High Distinctions, three Distinctions and three Credits.

THE major study within the Bachelor of Arts degree in Resource and Environmental Studies combines study from areas such as Economics, Geography, Philosophy, Science and Technology Studies and Sociology.

It looks at environmental issues from a Social Science perspective.

Many environmental problems are not technical issues but involve political struggles, ethical choices, human behaviour, economic trade-offs and value conflicts over scientific knowledge.

Enquiries: tel. (042) 213395.

THE Australian Women's Employment Strategy released by the Department of Employment, Education and Training shows a jump of 31 per cent since 1985 of females in higher education, resulting in females now outnumbering males. Similarly, the retention rate for girls in secondary education has continued to increase with 62.5 per cent of girls completing Year 12 compared to 55.5 per cent of boys. Copies of the report are available from DEET's Women's Bureau. Phone (06) 276 8840.

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Material for *Campus News* should be sent by Microsoft Mail to Gillian Curtis, or left, preferably, on a Macintosh-formatted floppy disk, or on hard copy in the *Campus News* tray in Planning and Marketing Branch, Administration Building. All material may be reproduced without permission.

Centre for Research Policy leads the way nationally



The Centre for Research Policy's staff (from left): research assistant Heather Hill; office manager Rosemary Klein, research fellow Dr Shantha Llyanage; research assistant Amanda Weaver; director Professor Ron Johnston; director Professor Stephen Hill; personal assistant June Etherington; senior research fellow, Tim Turpin; research assistant Dave Shaw; and Penelope Murphy

THE Centre for Research Policy at the University of Wollongong has been officially founded.

In late July last year, Federal Minister for , Mr Peter Baldwin announced the award of funding to Professors Stephen Hill and Ron Johnston to establish the centre on campus.

This is the first (of a dozen) Special Research Centres across all areas of science to be located outside a capital city.

The centre is located on the far west-ern side of campus in what was formerly the Institute Director's house.

Already, the centre has been visited by several important overseas scholars and research policy officials, including Executive Director of the Singapore Science Council, Professor S.K. Chou; Chairman, Technology Policy Program at MIT, Professor Richard de Neufville; Harvard University Professor and Chairperson of '4S', the main international science and society scholarly organisation based in the United States,

Professor Dorothy Zinberg.

With an initial annual budget of approximately \$500,000, the centre already has a well-formulated work program and has started operating.

The overall objective of the centre is to enhance Australia's position in the knowledge-based international economy of the 1990s through improving the understanding of policy-makers and policy 'stake-holders' of what it requires for Australia to become a research-led intelligent country.

The centre's original projects particularly focus on the higher education sector, the establishment of organisation cultures that are conducive to research, and ways of measuring and understanding what makes research strong and able to make a maximum impact – either in commercial or scholarly terms.

The centre also is already at the core of a range of international networks and programs, eg through the Science and Technology Policy Asian Network program and through a new role as co-

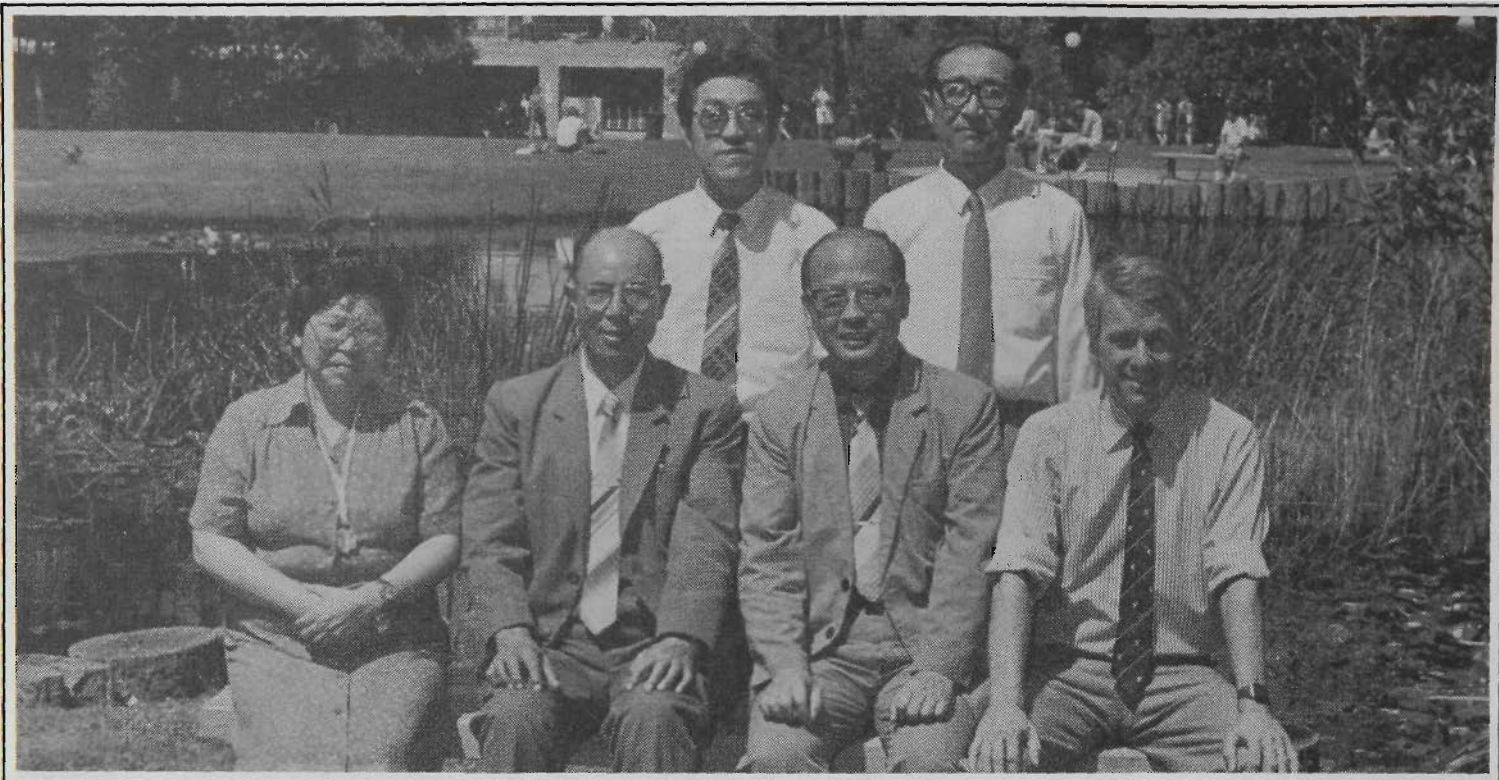
ordinator of Australia's industrial technology education initiative in the Asian Pacific Economic Co-operation organisation, the main emerging political and economic agency in Asia.

The first international conference organised through the centre will be held in Wollongong in March, involving experts on science and technology management information systems from around the world.

The centre will also be involved in public activities to promote the importance of a strong and resilient national research capability.

One of these activities will be the publication of a 'State of the Nation' survey each year, where the health of Australia's science will be measured and progress since the previous year identified.

Another activity, already initiated, is the development of a national PhD program to build up high level research capabilities in research policy and management.



Professor Leon Kane-Maguire with members of the Chinese delegation

THE University of Wollongong hosted an official delegation from the University of Shenyang in northern China recently.

The occasion returned a visit Dr Sivakumar (Civil and Mining Engineering) and Professor Leon Kane-Maguire (Chemistry) made to Shenyang University last October.

These visits have been sponsored by the International Development Program of Australian Universities and Colleges (IDP) through a \$20,000 grant, as part of a program aimed at improving environmental protection techniques in both regions.

Shenyang is a large city of some six million inhabitants in the north of China.

It is one of the major industrial centres in China, with large steel, coal and chemical industries.

It suffers from serious environmental pollution problems, and the city and

China and Wollongong co-operate on environmental issues

the University of Shenyang have embarked on a major program to rectify this.

The delegates to Wollongong were: Associate Professor Li Huanran, Vice President, Shenyang University (Head of the delegation); Associate Professor Shang Jiu Wu, Vice-Secretary-General, Shenyang University and Head of Foreign Affairs Department; Associate Professor Lan Jian Da, Director and Advanced Engineer, Shenyang Environmental Monitoring Centre; Associate Professor Chen Li Ni, Shenyang's Environmental Project Director; Mr

Zhang Zhiming, Vice-Director, Department of Common Foreign Languages (Interpreter)

While here they visited the Departments of Chemistry and Civil and Mining Engineering, as well as the Microwave Application Centre and the Biological and Chemical Analytical Services.

They discussed with staff various aspects of modern environmental monitoring and control.

They also toured the BHP steel works and the BHP Environmental Health Laboratory, and made trips to the Metropolitan Hazardous Waste Disposal Centre in Sydney.

From discussions with staff at the University of Wollongong, a proposal is being developed for submission to IDP for major funding over the next two years for a research program in the area of environmental protection.

The proposed program would involve several Chinese staff carrying out environmental research at the University of Wollongong, and reciprocal visits by our staff to Shenyang.

Friends' book sale is on again

THE Friends of the University Graduates Group will hold the next monthly book sale on Saturday and Sunday March 23 and 24 at their Campus East shop opposite the Science Centre from 1-5pm.

Texts, fiction, magazines etc, will be available. Donations of unwanted books are invited.

Please leave these at the University Library (audiovisual Room on the ground floor) or at the Student Enquiry Desk in the Administration Building on any weekday, or at the Science Centre (weekend afternoons only).

Please mark "Friend's Booksale" Enquiries to (042) 291 951 or (042) 612 714.

Aboriginal education network meets at Wollongong

THE Aboriginal Higher Education Network met at the University of Wollongong last week.

The Network is made up of Aboriginal and non-Aboriginal people who work in the development and delivery of services to meet the needs of Aboriginal people in higher education.

This meeting provided an opportunity for Network members to examine and discuss what is happening in higher education institutions.

It also provided an opportunity to highlight issues and focus attention on the development of programs to meet the needs of Aboriginal people in tertiary education.

The Chairperson is Mr Bob



A the recent meeting of the Aboriginal Higher Education Network (from left): lecturer at University of New England, Jim Mullen; Vice-Chancellor University of Wollongong, Professor Ken McKinnon; co-ordinator Aboriginal Foundation Programs, Canberra University, Vicky Grieves; lecturer Aboriginal Studies, University of Newcastle, John Heath; and co-ordinator Aboriginal Education Unit at Wollongong University, Dr Arthur Smith

Morgan, who is the Inaugural Director of the Jumbunna Aboriginal Education Centre University of Technology, Sydney.

Mr Morgan was formerly a member of the NSW Anti-Discrimination Board and the National Aboriginal Education Committee, and was former president

of the NSW Aboriginal Education Consultative Group and was former Commissioner for Education in NSW.

Some of the issues discussed at the meeting were: Maths Anxiety; Centralised Assessment of Aboriginal Applicants for Places at University; Higher Education Policy and Funding.

Creative Arts' first play for '91

THE School of Creative Arts' first production for 1991 is *Hecuba*, a classic Greek play by Euripides.

Hecuba will be directed by Murray Copland, a freelance professional writer and director for theatre.

The play will be produced as part of his Writer-in-Residence program at the School of Creative Arts and will involve students from theatre, visual arts, creative writing and music in the production.

The production will feature an unconventional and spectacular use of masks and costumes designed and made by visual arts students. The cast will consist of third year acting students. The music will be composed and performed by two students from the BCA music strand.

Hecuba will be seen on March 22 and 23 at 8pm with an extra show on the Saturday at 5pm. The venue is the Performance Space in Building 24. Bookings can be made on (042) 21 3996. Further information: Leonie Molloy (042) 21 3580 or J.J. Hamilton (042) 21 3791.

Workplace reform seminar



Peter Smith explaining the importance of psychometric modelling in providing

THE International "Workplace Australia" Conference held a joint University of Wollongong - Sydney Water Board seminar on workplace reform at the University on February.

The seminar provided an opportunity to explain the approach to award restructuring, developed jointly by the Water Board and the Industrial and Organisational Psychology Unit, Department of Psychology.

Two members of the Unit, David Brown and Peter Smith, have been working for the past two years to bring together psychometric and organisational theory as an integrated and practical tool to assist in award re-structures.

Learning Japanese with a difference

THEY say that a student once went to an Oxbridge professor of languages and said that he wanted to learn Chinese.

"Splendid," replied the professor encouragingly, probably puffing at his pipe, "Come back and see me when you have".

Things have improved considerably since those days. Yet universities have traditionally been able to pay staff for only a few class hours a week in each subject.

In language learning there is a "take-off point", where the student becomes able to struggle on along and eventually, master the language in some form, good or bad.

Universities have been aiming for most of the 20th century to get their language students to this point.

Teachers of languages agree that if you want to learn a European language well, you need more than 500 hours in the classroom.

Teachers of Asian languages have long known (but have not dared to say too loudly) that in their field it is much more and in Japanese the figure is more like four times that amount.

At last an Australian university has taken up the challenge and the University of Wollongong has begun a very unusual course in Japanese.

In their first year, students are spending 12 hours a week in the classroom, with another intensive course during the summer.

In one year, therefore, they will be taking much more Japanese than most students do in three years.

Until recently, the sorts of computer that university could afford, could produce only the written word.

As well Wollongong students are to

spend their second summer vacation at an intensive course in Japan and those who continue for the whole five years of the course can hope to spend fourth year studying at a Japanese university.

Students in the commerce faculty who last the distance, will take out a joint degree - Bachelor of Arts, Bachelor of Commerce.

Their survival, and the survival of their teachers, is made more likely by recent developments in computing.

Until recently, computers that universities could afford, could produce only the written word.

That meant that they were not much better for language teaching than books, and much more expensive.

At last personal computers have become able to record and reproduce the human voice and that means that they have now become really useful.

Students who might before have muttered to themselves over their books as they practised their newly acquired Japanese, are now sitting in computer labs and muttering to machines.

And the machines answer, in good Japanese. It is like having a Japanese tutor sitting beside them correcting them.

Computer graphics, random access and digitised sound mean that the computers have the potential to be as good as audio tapes and much more fun.

They are particularly good for helping students practise reading Chinese characters which are highly graphic.

This is something that the traditional language laboratory has not been able to do.

Japanese is not a particularly difficult language to learn to speak. It does not have the complex grammar of French or

Russian or the tones of Chinese.

It does, however, have a most complex writing system. People who have studied Chinese and then Japanese say that learning to write Japanese is like learning three dialects of Chinese at once.

It is also very unlike English. If you learn a European language, you find that for most of the words in an English sentence, there will be equivalents of some sort in the same sentence in the other language.

If you say something the same way in Japanese as you would say it in English, then you may be quite sure that you have got it wrong.

So although the spoken language is not objectively difficult, it is difficult for English speakers because it is extremely unfamiliar.

Of course, English is an unfamiliar and therefore as difficult for Japanese speakers.

Wollongong is not setting up a competition with older established university courses in Japanese. These are doing a splendid job and Australia can be proud of its graduates in Japanese.

They have an international reputation as being well up among the best in the world.

The new course is trying to do something that has not so far been possible in Australia, purely because of lack of resources.

That is, to take students beyond the "take-off point" to full mastery of the spoken and written languages.

It's worth trying.

Students who have finished their courses elsewhere and want more hours in the classroom may in a few years be finding their way to Wollongong.

Seminar on new technology and the law

LAWYERS have become aware that the development and application of the technologies may create legal problems.

For example, Electronic Data Interchange removes the need for the creation of various types of document which had been used traditionally.

Some of these documents not only provided evidence of the commercial transactions that had occurred, but also represented goods, so that the documents themselves became valuable property and significant in financing transactions.

The commercial transactions continue, but the supersession of the documents may leave gaps in statutory and other legal rules.

The development and application of new technologies also raises acute problems in the area of intellectual property law and associated fields, such as contract and taxation law.

A great deal of work is now being done in areas like the

development of legal applications for computers (such as the use of expert systems and retrieval of legal information), but little on the legal problems arising from the use of the new technology. Indeed, although everyone seems to agree that there are many legal consequences of the introduction and development of new technology, it is difficult to identify where specific legal problems may arise and what they may be.

The Faculty of Law at the University of Wollongong arranged a one-day workshop at the Northbeach Parkroyal Hotel earlier this month to identify these issues.

The Faculty is investigating whether or not the impact of technology on the law should be its third area of postgraduate study and research specialisation; court policy and administration; and natural resources and mining law have already been introduced.

Australian National Council on Aids (ANCA)

Grants for national HIV/AIDS prevention and Education projects in 1991-92 are being called for. There are several priority areas and more information is available from the Graduate Office. The University closing date is April 5.

Dept of Primary Industries & Energy National Strategy on Aquaculture Expression of Interest are being called for to prepare papers on several different subjects to be included in the National Strategy. The University closing date is March 25.

National Heart Foundation

Grants in various areas are now available from the NHF to assist in:

- Grants in Aid for Education – research in the area of cardiovascular health education.
- Grants in Aid for Medical Research – Overseas Research and Australian Cardiovascular Training Fellowships
- Postgraduate Medical Research Scholarships
- Warren McDonald International Fellowship

Research Funds

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

The University closing date for all these applications is May 17.

Previously Advertised	Closing Date
The British Council Travel Grants	Any Time
Australian Arts Council	Any Time
Irish Government Scholarships	March 22
Environmental Trusts Grant Scheme	March 22
Heritage Assistance Program	March 22
SIDS Research Grants	March 22
Overseas Research Student Awards (UK)	March 31
Australian Biological Resources Study	April 5

R Douglas Wright Awards (New Investigators) NHMRC	April 12
World Environment Day Youth Award	April 19
AESIRB (Greenhouse)	April 19
Bilateral Science & Technology Collaboration Program	April 19
Smuts Visiting Fellowship	April 30
Australian Mining Industry Council	May 17
Multiple Sclerosis Society Grants and Fellowships	May 17
Australian Academy of Humanities (Travelling fellowships)	June 14
Sir George Murray Prize	August 9
Multiple Sclerosis Society P/Grad Scholarship	August 16
Nuffield Foundation Fellowships 1992	August 30
AFUW Queensland Inc Scholarships	September 20
Bilateral Science & Technology Collaboration Program	September 20
The Graduate Office extends its apologies to Dr S Woodroffe of the Department of Biology. Due to an unfortunate oversight, Dr Woodroffe's name was omitted from the list of successful grantees. Dr Woodroffe's Research No.2 on Professor Helen Garnett's NHMRC grant.	

From back page

May 14: Professor W. Lovegrove. Graduate Faculty; Implications for Human Movement.

May 21: Mr Greg Colbourne. Development in Corporate Fitness: an HCF Perspective.

June 4: Professor C. Ewan. The Faculty of Health and Behavioural Sciences.

Human Movement Science staff seminars in italics.

All Seminars in Geology 35.G45 at 12.30pm, Tuesdays Enquiries to Dr M. Brown ext 3495.

Department of Mathematics

March 21: Dr. P.G. Laird, Department of Mathematics, *The University of Wollongong, Land Freight Transport Energy Evaluation*, Room 15.204 (Austin Keane Building), 1.30 pm.

March 27: Dr John Rayner, Department of Mathematics and Statistics, University of Otago, Dunedin, New Zealand. *Smooth Models for Goodness of Fit Testing and Contingency Table Analysis*. Room 15.204 (Austin Keane Building). 12.30-1.30pm.

Department of Philosophy

One-day conference

March 23: *Reasoning About The Ethics of Health Care*. An introductory one-day conference held by The Department of Philosophy, University of Wollongong,

Seminars

and the Ethics Committee of the Illawarra Health Service. The conference will focus on the interests of members of the Ethics Committee of the Illawarra Health Service, but attendance is open to health care workers, interested academics and members of the University. Attendance will be limited to 60 persons. Should you wish to attend, your registration form and conference fee (\$30 cheques made out to the Department of Philosophy, University of Wollongong) should reach the Department of Philosophy no later than Wednesday March 13.

The conference will be held in lecture theatre 5, Pentagon, University of Wollongong.

For further information, tel. (042) 21 3615.

March 28: Michaelis Michael, Princeton University, *Ontological Commitment and Rational Criticisability*. 2pm, Room 1034, Building 19.

Department of Public Health and Nutrition

Departmental Seminars

April 9: *Stress in Aboriginal People* A Prof Ross Harris, Department of Public Health and Nutrition.

April 23: *Health and Environment* Prof Christine Ewan, Dean, Faculty Health and Behavioural Sciences and Prof Dennis Calvert, Head, Department of Public Health and Nutrition.

May 28: *Family Interventions/Relapse Prevention in Schizophrenia* Paul O'Halloran, Senior Lecturer, Department of Public Health and Nutrition.

June 11: *Regulation of Cholesterol Transport* Prof Phillip Barter, Chair of Preventive Cardiology, Graduate School of Health and Medical Sciences.

All seminars from 12.30-1.30pm in 5.G03 RSVP or further information Linda Tapsell. ext 3152

School of Creative Arts

Postgraduate Seminars for 1991 will be held on April 18, May 16, July 25, August 22, October 31.

All seminars are in the Music Auditorium from 4.30-6.30pm.

Research Methodology Seminar.

The school runs a Research Methodology Seminar for honours students. This is a weekly class held on Wednesdays, 1.30-3.30pm. The course covers a range of theoretical and procedural matters including thesis presentation and research and writing techniques. All postgraduate students are welcome to attend these seminars but if you would like to attend call (042) 213985.

■ An exhibition of paintings is being held in the Union Bistro. The exhibition, 'Four Friends in Residence' features work by Jessie Carfield, Daisy Huckel, Coral Erickson and Kay Norington. For more information contact the Union Office, tel (042) 29 7833 or ext. 3781.

■ **The Art of Lunch** – Thursdays from 12.35-1.25pm, in the Music Auditorium, in the School of Creative Arts. Upcoming program: March 21: Violinist Goetz Richter and pianist Jeanell Carrigan in a recital of music by Bartok, Beethoven and Gershwin. March 28: Toni Simon and Andrew Schultz present an Honours recital of chamber music for piano and clarinet.

■ **The Minister for Corrective Services Michael Yabsley** will address the monthly meeting of the Illawarra branch of the Australian Institute of Management on March 26. Mr Yabsley's topic is Managing in the Corrective Services Environment. The meeting will be held at Cleo's Function Centre, in Burelli St, Wollongong from 5.30pm. Contact assistant branch secretary, Mrs Jenny Hamilson (042) 21 3075, 9.45am-2.45pm, Monday to Thursday.

■ The next meeting of the Women's Is-

What's On

sues Group will be held at 7.30pm on Tuesday March 26 in the Boardroom of the Union Building, Northfields Avenue. The speakers for the evening are Lynne Clune, a nurse practitioner, and playwright Wendy Richardson. Ms Clune will speak on the Illawarra Women's Community Health Centre and Ms Richardson on Women and the Theatre. All are welcome at a cost \$2.50 per head. Enquiries to Moira Bowman, tel. (042) 84 3741. Other meetings will be held on April 26, May 26 and June 26.

■ **The National Parks Association of NSW** is holding a series of eight lectures, entitled Water Conservation – Its Management and the Future. The next is held in April. The lectures will be held in the Hallstrom Theatre in the Australian Museum, each starting at 6pm. For more information contact Heather Roy (02) 918 9259.

■ **Australian Federation of University Women, Illawarra Branch meeting, Wednesday April 3 at 6.15pm, Board Room, Union Building.** Speaker is a University of Wollongong graduate, Jane

Morrison, a metallurgist with BHP Steel. Light meal served. Cost \$8. Registrations Carol Williams 213754 (w) 714949 (h) by 28 March.

■ **Contemporary Children's Literature 1960-1990 conference** – April 13 in the Pentagon from 9am-5pm. The conference will look at the changes in children's literature from the 1950s. For more information contact Carmel Pass in the Department of English, tel. (042) 21 3226.

■ **The Book and Print Show 1991** - March 11 – April 7. Long Gallery. Curated by Liz Jeneid with more than 30 exhibits from Australia and overseas.

■ **University Day** – Monday May 6. Address by The Honourable Barry Jones. 6pm. Music Auditorium

■ **Annual University service** – Sunday May 12 7pm St Michael's Anglican Cathedral. The Rev Raymond Heslehurst, who celebrates his 10th year this year as Anglican Chaplain on Campus, will preach the sermon.

■ **Graduation Ceremonies** – May 7-10 and the October ceremony is planned for October 10-11.

■ **Open Day** – Sunday August 25.

Centre for Staff Development

March 26: Business Travel – New Procedures for University Staff, 9.30am-12.30pm, in Kemira Room 3, Union Building.

The seminar will be presented by Robert Stillfried and Sue Graham, NAB Travel, Australian Airlines, Southern Pacific Hotel Corporation and Jetabout Holidays. This seminar was initiated by Financial Services Division who identified that considerable cost savings could result for the University if those staff (general and academic) who need to arrange travel were more conversant with the process and aware of any new products and procedures.

All interested staff, in particular Administrative Assistants or personal assistants for heads of departments plus any academic staff members who are planning study leave in the near future. At the completion of the seminar participants will

1. have achieved a clearer understanding of the cost savings possible when arranging travel
2. have a better understanding of the fares and services available for domestic, overseas and holiday travel (airlines, accommodation and car hire)
3. have a closer relationship with the

Seminars

University's appointed travel agency, National Australia Travel. Please fill in the usual course Nomination form and forward it as soon as possible to Jan James, Staff Development Officer.

Department of Accountancy

March 29: Interviewing and Training Accounting Graduates, Dr Omer Abdullah Zaid, senior lecturer, School of Business and Technology, University of Western Sydney. 10.30am-noon.

April 12: Notes on Critical Accounting Literature – Some Inner Contradictions, Diversities, the Need for Perspective Choices in Organisational Analysis. Sudhir Chandra Lodh. 11am-12.30pm.

All seminars are held in the Faculty of Commerce Building 40, Room 338. Inquiries to Associate Professor Hai Yap Teoh, seminar convenor, ext. 3625.

Department of Human Movement Science

Staff and Professional Seminar Programme Semester 1, 1991

March 26: Dr Stephen Boutcher. The influence of Aerobic Exercise on Cardiovascular Reactivity to Physical and Psychological Stressors.

April 9: Mr Greg Lambert-Smith. Corporate Fitness.

April 16: Dr Nigel Taylor. Respiratory Mechanics in the Immersed Diver.

April 30: Mr O. Curtis & Ms S. Anshel. Community Outreach Program: History and Recent Development.

May 7: Dr Jeff Bond. Sports Psychology Services in the A.I.S.

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Stop Press

Easter break

THERE will be no issue of *Campus News* produced during Easter week to come out on April 9. Please keep this in mind when contributing seminar notices etc, for publication