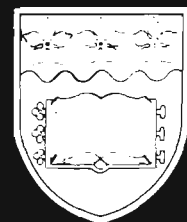


THE UNIVERSITY OF WOLLONGONG

CAMPUS NEWS



29 May 1990

First Informatics Institute graduates on their way

GRADUATION day for 26 students of the Informatics Institute, formerly the Computations Institute, was Saturday May 19. The ceremony was held at the Illawarra Technology Centre, on the University campus.

The students graduated from the Certificate in Business Computing (Finance), a six-month course aimed at producing IBM mainframe COBOL programmers for the finance sector.

Students spend the first four months of the course in the classrooms at the Sydney campus studying the fundamentals of computing and programming. This part of the course trains them finance and accounting skills, using popular software packages.

The Informatics Institute is wholly owned by the Illawarra Technology Corporation Limited (the commercial arm of the University of Wollongong), and has training operations at the Illawarra Technology Centre and at Wentworth Ave-

nue, Sydney. The curriculum of the certificate course is approved by the University and Professor Michael Hough of the Faculty of Commerce heads a Curriculum Committee, a body which includes members of the Finance Industry and of the University.

The students who graduated earlier this month are now working at AMP, GIO, Advance Bank, the Commonwealth Bank and IBM Australia. Other students are continuing their education at the University of Wollongong where they receive Advanced Standing in the Bachelor of Commerce degree.

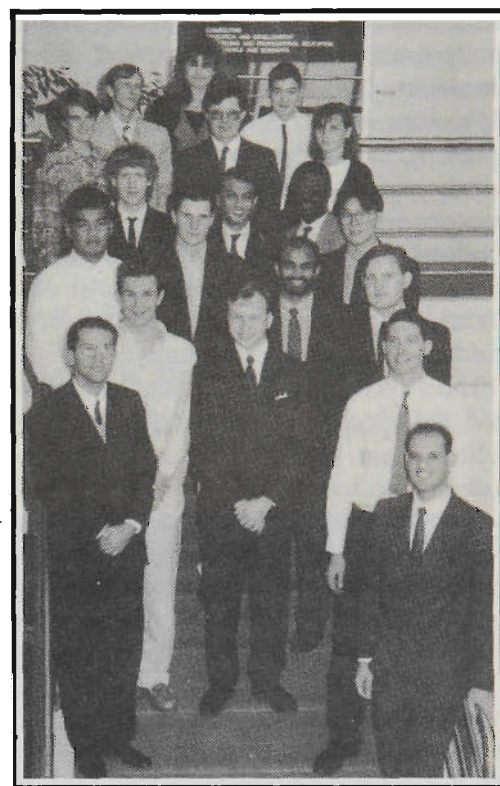
'I wanted to continue my education after leaving High School in 1988', said James Lamb, one of the students graduating on Saturday, 'but I couldn't afford to study full time. Studying the Certificate in Business Computing (Finance) at the Institute got me a job in the finance sector, and I can attend the University part-time studying the Commerce degree. I have the best of both worlds.'

'The University's involvement in the course was important to me when I was deciding where to study',

Managing Director of the Illawarra Technology Corporation, Mr Jim Langridge, with a contented James Lamb



Kwama Wetsi, from Ghana, who is now working with the Commonwealth Bank



Some of the 26 graduates at the Illawarra Technology Centre for the graduation

said Kwame Wetsi, another graduating student. Kwame graduated from the University of New England, where he studied a Bachelor of Agricultural Economics. Unable to find a suitable job, he studied the certificate course at the Informatics Institute and began work at the Commonwealth Bank.

'I wanted to get into programming, but it was to take too long through the TAFE system', said Rosie Stemberger, a fellow student. 'The Certificate in Business Computing (Finance) got me a job in six months, and I was able to have part-time work while I studied.'

'When I was in England I worked in nursing. When I settled down in Australia, I wanted to do something a little more scientific. The certificate course sounded interesting and I started there in May 1989. I'm now working as a Programmer/Analyst at AMP and I love it', says Barbara Cameron, another graduate.



\$47,000 grant to develop multicultural curriculum for clinical psychology program

MEMBERS of migrant communities can be at a huge disadvantage in getting appropriate psychological help, developing patterns of psychological symptoms under stress (including those stresses brought about through migration) different from English speakers, and their difficulties can go undetected by English speaking mental health professionals. As psychological problems are a major contributor to the inappropriate use of medical services and prescribed drugs, absenteeism, educational, marital and social difficulties, they represent a large hidden cost to the community.

The Psychology Department runs MA and PhD programs in clinical psychology which train students in psychological assessment, counselling, therapy and case management. It has become widely recognised that, to be effective, these skills must be used within the cultural and linguistic context of the clients. However, to date, Australia's universities have not offered a multicultural curriculum for training clinical psychologists.

This is about to change. Dr Nigel Mackay of the Department of Psychology has been given a \$47,000 grant under the Multicultural and Cross-cultural Supplementation program – a part of the National Priority (Reserve) Fund of the Federal Department of Employment, Education and Training – to develop a multicultural curriculum for the

Department's clinical psychology program. Joining Dr Mackay in the project is a clinical psychologist with the Illawarra Area Health Service, Mr John Freestone, a former tutor with the Department of Psychology and currently Ethnic Service Co-ordinator at Shellharbour Hospital. He has been seconded to the project for one year.

This is the first such grant awarded in Australia and will enable the Department to train clinical psychology students in general multicultural – and Aboriginal – clinical issues, and give them competence in the screening and referral procedures for clients from non-English-speaking backgrounds, or from cultural groups outside mainstream Anglo-Australian culture. The changes to the current clinical MA and PhD programs will also enable students who have appropriate language skills and cultural

background (hopefully some of the overseas, Asian students) to be given a specialisation in the clinical psychological problems of a selected migrant/cultural group. Another part of the grant's purpose is to establish a training model for other clinical psychology programs in other universities, and to compile a data and resource base for use by clinical psychologists and other mental-health professionals.

The award of the grant to Wollongong seems particularly appropriate. The University is responsible for the training of professional clinical psychologists in one of the most ethnically diverse regions in Australia. About one quarter of the clinical psychological graduates from the Psychology Department's clinical program speak a community language and come from migrant groups. Increasingly, the Department is receiving applications from Asia for entry into postgraduate clinical psychology training. The Department also has staff, honours and research students involved in research in cross-cultural clinical psychology.

For more information about the project contact Dr Nigel Mackay or Mr John Freestone, Department of Psychology, the University of Wollongong (042) 27 0740.

\$75,000 research contract for CWALMS

THE CENTRE for Work and Labour Market Studies has been awarded a \$75,000 contract by the Bureau of Immigration Research to examine the labour market experiences of recently arrived migrant females. The study is to be centred on the cities of Sydney, Wollongong and Melbourne, and is expected to take six months to complete. The principal researchers will be Associate Professor John Mangan and Dr Ian Watson. The BIR study follows on from other recent CWALMS success including a \$48,000 study into organising Workplace Change in association with the Commonwealth Department of Industrial Relations, and a \$35,000 contract to manage the economic modelling work for the South Coast Employment Development Project.

Research grants received

Professor Raghu Singh, Department of Civil and Mining Engineering, from Alminco Pty Ltd, manufacturers of mining and construction machinery, for research into and evaluation of Australian

roof bolting practices and technology.

The Centre of Work and Labour Market Studies, with the School of Industrial Relations and Organisational Behaviour, University of NSW, and the Department of Economics, University of Newcastle, have received a grant from the Commonwealth Department of Industrial Relations to operate a consortium to develop curricula and conduct courses under the Work Change Training Scheme.

Mr Michael Morrissey, Centre for Multicultural Studies, from the Bureau of Immigration Research, to undertake studies into the settlement needs of the family unit.

Mr Pat Farrar and Mr Robert Colvin, Faculty of Education, under the International Literacy Year grants program, to conduct a project focusing on student teachers working with children in schools who are 'at risk' in literacy or in need of special assistance.

Early closing

As Monday June 11 is a public holiday, the copy deadline for the June 19 issue of *Campus News* is advanced to noon on Friday June 8.

Campus News is published weekly on Tuesday during the academic year — with breaks at Easter and Queen's Birthday 'long weekends'

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Deadline for copy is noon on Monday of the week before that of publication

Material for publication should be left in the *Campus News* tray in Planning and Marketing Branch, Administration Building

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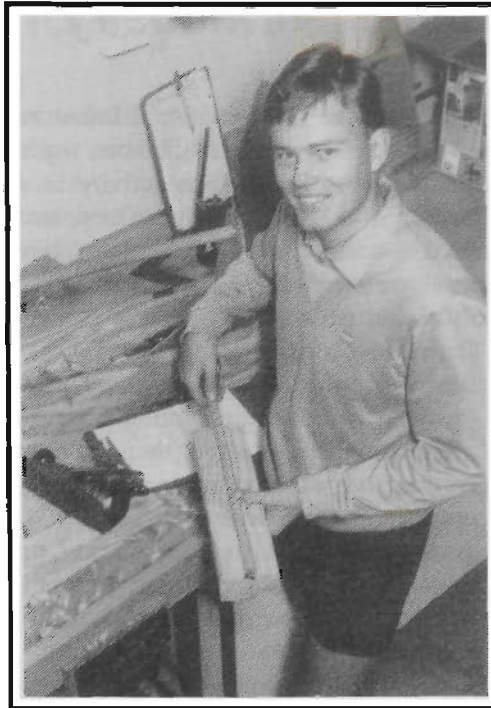
David Webb – apprentice of the year

THE FINAL YEAR of David Webb's three-year carpentry/joinery course at Wollongong TAFE ended in glory and awards. David has been studying one day a week at the TAFE while working his four-year apprenticeship under the supervision of Paul Attard in the University's Maintenance Section at Campus East.

David achieved the highest marks in the final year of his TAFE course for which he received a TAFE trophy and an award from the Illawarra Division of the Master Builders' Association. The award was made in recognition of his achieving first place in Stage III – Carpentry and Joinery Trade for 1989 and as a reward for his keenness, attitude and application to work. The Award was presented at the Masters Builders Club's Annual Dinner on April 6.

David also received the Jock Brown Memorial Award, presented each year to the student with the highest final-year marks at TAFE, and congratulations from Parbury's Building Products Pty Ltd in the form of a cheque for \$300.

David is now completing his apprenticeship before starting a clerk-of-works



David Webb working at Campus East

course at TAFE, where he will study three nights a week for three years, while continuing to obtain practical joinery experience at Campus East.



Pictured from left, Ms Toni O'Neill, of the Geography Department, the Vice-Chancellor, Professor Ken McKinnon, with the visitors, Mr Barry Milliken, Manager Land Technologies, BHP Engineering, Dr Anselmo Almazan, Dr Adolfo Gopez, Mr Jose Solis and Dr Roman Kintanar

Visitors on campus

ON WEDNESDAY MAY 16 the Remote Sensing Unit in the Geography Department was visited by a group of distinguished scientists and administrators from the Philippines accompanied by BHP Executive, Barry Milliken. The visitors were: Dr Adolfo Gopez, Executive Director, Philippine Council for Industry, Energy Research and Development, Department of Science and Technology

Scientists and administrators from the Philippines

(DOST); Mr Jose Solis, Administrator, National Mapping and Resource Information Authority (NAMRIA); Dr Roman Kintanar, Director, Philippines Atmospheric Geophysical and Astronomical Service Administration (PAGASA); Dr Anselmo Almazan, Chairman, Department of Geodetic Engineering, University of Philippines (UP); Ms Lirio Abuyuan, Assistant Secretary, For-

eign Assisted Projects, Department of Environment and Natural Resources (DENR), and Mr Barry Milliken, Project Director, Philippines Remote Sensing Project, Land Technologies Division, BHP Engineering.

This visit was part of the AIDAB-funded Philippine Remote Sensing Project directed by the Land Technologies Division of BHP Engineering. Toni O'Neill from the Geography Department is one of the team of Australian Remote Sensing educators involved in this project. Toni gave a presentation and demonstration of the Remote Sensing and Geographic Information Systems used in the Geography Department for both teaching and research. She discussed research, joint venture projects and applications in which she and others in the department are involved.

Register of Consultants

Bioethics Consultative Committee

THE NATIONAL Bioethics Consultative Committee (NBCC) was established in 1988 by the Australian Health Ministers' Conference (AHMC) to advise on the social, ethical and legal issues arising from developments in biomedical and health related research and the provision and delivery of health services.

The Committee invites suitably qualified consultants to register their interest in undertaking work on behalf of the Committee. Issues to be addressed by the NBCC in the next year include counselling in reproductive technology programs; access to reproductive technology programs; human embryo experimentation; postnatal care of premature infants and initiation, continuation and withdrawal of life-sustaining treatment.

The purpose of this exercise is to develop a register of consultants with proved high-grade research, analytical and writing or editorial skills. A range of consultancies will be offered during the year to suitably qualified consultants on the register.

Expressions of interest including brief curriculum vitae should be forwarded by June 1 to: Register of Consultants, National Bioethics Consultative Committee, Department of Community Services and Health, GPO Box 9848, Adelaide, SA 5001.

Further information from Ms Lesley Dredge, Executive Director, tel: 08 210 9565; Fax: 08 210 9609.

Role of strategic alliances

Internationalisation of Australian industry

THE INTERNATIONALISATION of Australian industry is the central challenge of industry and technology policy of the 1990s and a central challenge for economic policy, according to an independent review released on May 7. The Centre for Technology and Social Change (TASC) at the University of Wollongong prepared the study.

Entitled *Strategic Alliances in the Internationalisation of Australian Industry*, the review, commissioned by the Department of Industry, Technology and Commerce, assesses the significance of the growth of inter-firm co-operation for corporate and public policy in Australia and examines the role of strategic alliances* in the internationalisation of Australian industry.

It recommends that government efforts to promote the internationalisation of Australian firms through strategic alliances be targeted on other small countries, and within large countries on smaller firms.

It concludes that building assets within, and building alliances between, Australian firms is as important for internationalisation as alliances with foreign firms.

TASC reviewed international literature on international inter-firm alliances, made a broad survey of alliance activity in a wide range of Australian industries, and studied the information technology, biotechnology and chemicals and pharmaceutical industries.

The review also says that:

- international studies suggest that growing co-operation among firms in other countries is strengthening their competitiveness and raising the barriers to entry for Australian firms.
- Australia needs to concentrate on developing deep and broad capabilities in a limited set of areas where it has significant comparative advantage.
- a co-ordinated policy directed to establishing long-term relationships, with foreign firms entering into partnership-type agreements as part of their contractual obligations in obtaining access to public sector research is likely to be more beneficial than a series of one-off ad hoc contracts.
- there is a case for government intervention to both subsidise the generation of social benefits and to ensure

that those social benefits are diffused as widely and rapidly as possible. Specific measures which might be contemplated include financial support of international strategic alliance formation, including the search for, assessment of, and negotiation with, potential alliance partners through a scheme modelled on (or an extension of) the Export Market Development Grants Scheme.

The Department has commissioned a number of other reports from TASC including:

- *Technology Strategies in Australian Industry*, due for release later this year.
- *Innovation for the 1990s: New Challenges for Technology Policy and Strategy*, released in April 1989.

Copies of reports may be obtained from Ms Pam Fielding, Science and Technology Policy Branch, Department of Industry, Technology and Commerce, GPO Box 9839, Canberra 2601.

* a strategic alliance is a reasonably long-term inter-firm relationship that is intermediate between a merger or acquisition and arms-length market transactions and includes substantial contributions by partners of capital, technology or other assets. Such alliances may or may not involve equity links; may be formal or informal; may involve two firms or more; may be intra or international; and may cover a single or a range of joint activities and objectives.

Thermoluminescence dating is far from new

CONTRARY to the picture portrayed by the electronic news media, thermoluminescence (TL) dating was not developed as a spin-off of the Ranger mining venture in the Northern Territory of Australia. The phenomenon was first reported as long ago as 1663 by Robert Boyle when he observed a diamond glimmering in the dark when placed upon a warm part of his body.

During the 1960s TL was developed for archaeological dating at Oxford and has been applied to sediments since the early 1980s. The first Australian laboratory was set up in the Physics Department at the ANU in 1972. In 1986 that laboratory was moved to the University of Wollongong where it has since operated in the Department of Geography.

Much of the laboratory's current work

is directed to the age determination of water-borne sediments, an area of application which had not previously been fully developed. Since moving to its new home in 1986 the laboratory has processed almost 500 specimens most of them in support of the Department's research program. The facility operates on a semi-commercial basis and has undertaken work from researchers as far afield as Ireland and the United States, as well as for many Australian universities. An authentication service is offered to collectors of ceramic art wares.

The laboratory is negotiating a possible contract with the Republic of the Marshall Islands where it is hoped to utilise TL in the measurement of the radiation dose received by the Islanders during the testing of nuclear devices. Negotiations are also in progress regarding the dating of sediments originating from the Antarctic region.

Setting the standard

ON MAY 1 *Campus News* published a brief article entitled *Setting the standard for progress*, in which were listed some of the world's most prestigious universities from which academics at Wollongong have been recruited. From this list two of America's best-known institutions, Princeton and Columbia, were unintentionally omitted. Our attention has been drawn to this by Assoc. Prof. John Schuster, Department of Science and Technology Studies, an alumnus of both.

The full list would include Al Hikma Jesuit, Alberta, Amsterdam, Arizona, Aston, Auckland, Avondale, Awolowo, Baltimore, Bangladesh, Bath, Bedford, Belfast, Berlin, Bernaras, Besancon, Birmingham, Bordeaux, Bradford, Braunschweig, Bristol, British Columbia, Brunel, Brunel, Buenos Aires, Cairo, Calgary, California, Cambridge, Canterbury, Cape Town, Cardiff, Carnegie Mellon, Ceylon, Cheng Kung, Chengchi, China Normal, Cincinnati, City College New York, Col-

New technologies and the Australian secondary student

EDUCATION authorities around Australia are responding to education and employment issues raised by new technologies. These include the development of technology studies in curricula and the establishment of technology high schools where exposure to new technologies and contact with business will be emphasised.

The Federal Government has commissioned two projects to survey these developments. Barbara Lepani and John Currie of the Centre for Technology and Social Change (TASC) are undertaking a survey entitled *New Technologies and the Australian Secondary Student*. It aims to obtain baseline information for use in developing appropriate curriculum frameworks and teaching strategies. The other project is a national curriculum mapping project on new initiatives in technology studies.

The survey covers levels of awareness of new technologies and the actual and potential implications of such technologies; the amount of contact with new technologies; the level of technologically related knowledge and skills; attitudes toward technological change; and sources

of technological awareness; and knowledge and skills. Nationally the survey involves some 65 schools, and approximately 4500 students, in both urban and rural areas, and involves a male/female mix across the full socio-economic spectrum.

With TASC's emphasis on the importance of keeping the conceptualisation of technology very wide, a study such as this should include not only the hardware of new technologies but also the new management skills and learning strategies associated with operating in a turbulent economic and cultural environment.

As Barbara Lepani, the project director says, 'The current transformation of political relations, factors of production and the roles and styles of learning is radical. It is as if we have moved from conditions of geological stability (the dominance of the world economy by Anglo-American business and political structures and cultural belief systems) to an earthquake zone.' This project is the first step in determining how students can be educated to cope with the tremors of change as an everyday normal event.

The final report is to be presented to the National Steering Committee in June. However a number of preliminary findings are emerging; students:

- feel pessimistic over the role of the individual in influencing the rate and direction of technological change;
- have a sense of being overwhelmed by their ignorance of the new global techno-economic situation;
- feel anxious about the amount of knowledge they will have to acquire to be competent in the workforce;
- are highly aware of the impact of information and communication technology and the effect of computers on everyday life; and
- feel that they are in competition with computers for employment and are threatened by this concept.

As a result of their efforts the TASC team hopes that new learning strategies will be adopted in order to equip the young with the flexibility they will need to prosper in the Australia of the twenty-first century.

Chris Cook joins mission to Western Europe

PROFESSOR CHRIS COOK, Head of the Department of Electrical and Computer Engineering, has been included in a Federal Government Department of Industry Technology and Commerce (DITAC) funded Microelectronics and Software Mission to visit Western Europe this month.

Australia cannot maintain, single-handedly, sufficient research and development activity to ensure its future competitive position in the world. Closer collaboration with major overseas research groups will become increasingly important. DITAC is, therefore, sponsoring this mission to visit France, Belgium and West Germany and mission members will make presentations to representatives from major European companies and co-operative research organisations such as Esprit and Eureka.

Professor Cook is particularly interested in collaboration involving the University's Industrial Automation Research Programme which he co-ordinates. Co-operation is already under way in the mobile robotics area with a French company and he will hold further discussions to strengthen existing links with other European companies. One of these companies has an interest in parallel processing using transputers and another is interested in interacting with the recently announced Electricity Commission Centre for Energy Efficiency within the Department of Electrical and Computer Engineering.

An intriguing aspect of this mission is that DITAC has been successful in organising a number of parallel round-table discussions in Europe. This can only have been achieved as the result of recent discoveries in very advanced mathematical theory and high-speed parallel processing.



Professor Cook

ard for progress

gate, Colorado, Columbia, Cracow, Dacca, Delhi, Detroit, Dundee, East Anglia, Edinburgh, Florida, Fordham, Fran Am Main, Frankfurt, Georgia, Harvard, Hawaii, Heriot-Watt, Hull, Illinois, Johns Hopkins, Karlsruhe, Keele, Liverpool, London, Madrid, Malaya, Manchester, Mashhad, Massey, McGill, McMaster, Middlebury, Minnesota, Moscow, Natal, Nevada, New Hampshire, New Mexico, New York State, North Carolina, Norwich, Nottingham, Ohio, Ohio Wesleyan, Oregon, Otago, Oxford, Papua New Guinea, Pennsylvania, Portsmouth, Prague, Princeton, Rice, Rochester, Roorkee, San Francisco, Shanghai, Sheffield, Simon Fraser, South Pacific, St Andrews, Stanford, Strathclyde, Sussex, Tehran, The Hague, Tianjin, Trondheim, Vidyod, Waikato, Warwick, Washington State, Waterloo, Wayne State, Wellington, Wisconsin, Wittwasserstrand, Wrocław, Yale and York and every Australian university.

Books and Reading

Launch of *History of Italians in the Illawarra*

THE RECENTLY-PUBLISHED *History of Italians in the Illawarra* was launched on May 17. This is the completion of a project initiated by the Friends of the University of Wollongong Ltd.

Written by Mr Gerardo Zampaglione and edited by Dr Winifred Mitchell, a member of the Friends of the University of Wollongong Ltd, the book describes the lives of the Italian people who came to live in this area, particularly after the Second World War. Interviews with a number of well-known local Italian personalities are featured in the book, which also discusses the development of the Catholic Church and Catholic education institutions in the Illawarra – the result of the increase in the number of Italians living here. The book costs \$20 and is published by the Sydney-based company, Kurunda Publications.

A-Z of Music

THE A-Z OF MUSIC is a resource book for teachers written by Nita Temmerman, Lecturer in Music Education, Faculty of Education and published by Macmillan Australia this month.

The book presents over 230 musical terms that include information about musical notation, history, forms, styles and instruments. While it is principally a resource for teachers, it is also aimed to provide all students of music with a better understanding of the most commonly used musical terms. Vivid pictorial illustrations are provided for many of the terms to enhance their meaning. Terms included range from A cappella, jazz and modulation to panpipes, Renaissance and theme and variation.

A chronology of music, detailing musical period and associated musical forms and composers, is provided as an appendix.

A-Z of Music contains 105 pages of music description and retails at \$19.95. It is available direct from Macmillan Australia.

Staff Roundup

Current vacancies

The closing date for applications is indicated in italics.

Lecturer in Organic Chemistry - Limited term - five years (convertible), Reference AC 90-19, *June 22*

Senior Lecturer or Lecturer in Philosophy - Contract appointment three years, Reference AC 90-20, *May 31*

Lecturer in Philosophy - Continuing appointment or limited term - five years (convertible), Reference AC 90-21, *May 31*

Lecturer in Journalism - Continuing appointment or limited term - five years (convertible), Reference AC 90-22, *June 8*

Senior Lecturer or Lecturer in Exercise Physiology - Human Movement Science - Continuing appointment or limited term - five years (convertible), Reference AC 90-23, *June 30*

Senior Lecturer or Lecturer in Exercise Psychology/Psychophysiology - Human Movement Science - Continuing appointment or limited term - five years (convertible), Reference AC 90-24, *June 30*

Senior Lecturer or Lecturer in Growth and Motor Development - Human Movement Science - Continuing appointment

or limited term - five years (convertible), Reference AC 90-25, *June 30*

Lecturer in Music - Conservatorium and Creative Arts - Contract appointment one year, Reference AC 90-26, *June 8*

Senior Lecturer in Business Systems - Continuing appointment, Reference AC 90-27, *June 22*

Teaching Fellow in Management - Contract appointment four years - Reference AC 90-28, *June 1*

Further details: Ross Walker, ext 3934.

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.

National Health and Medical Research Council

New Investigators Awards

These awards are designed to provide outstanding researchers at an early stage in their career with an opportunity for independent research. Applicants will have completed postdoctoral research training and be seeking to establish them-

Directory of Publishing 1990

THE University of Wollongong Press has bought the *Directory of Publishing 1990* (Cassell and The Publishers Association).

The Directory contains addresses and particulars of publishers in the UK and the Commonwealth; details on author's agents; details on book trade and allied associations; details on book distributors and an appendix on UK publishers by field of activity. The *Directory of Publishing 1990* is held in the Resources Room of the Economics Department and may be consulted there.

selves in a career in medical research. The University closing date is June 8. Late applications will not be accepted.

Hoechst Diabetes Research and Development Advisory Board

Hoechst is offering grants for basic research, applied research, developmental research and educational research in the area of diabetes.

The University closing date is June 29.

Federal Republic of Germany Scholarships

The German Academic Exchange Service is offering scholarships and travel grants to graduates and fine arts students to undertake a course of study in the Federal Republic of Germany.

The University closing date is June 15.

The Adolf Spivakovsky Scholarship for the Composition of Music

This prize is for the composition of a work of music, not previously performed, of an experimental nature and written for any of the following: Chamber group of up to five instrumentalists, voice and any instrument(s), solo instrument or a song cycle (including two or three songs).

The University closing date is July 27.

International students

Meet new people
make new friends
share other students' experiences
bring your friends
- and your lunch

Where: Anthony Chan's room,
Counselling Service, first
floor, University Arcade

When: Every Wednesday and
Friday from noon to 2 pm

Obituary

Peter Fuller

A CHANCE MEETING in Brisbane last year between Barbara Tuckerman (Director of the City Gallery, Wollongong) and Peter Fuller, the English writer and art critic then on an Australian lecture tour led, a week later, to his lecturing on international contemporary art practice and promotion in the School of Creative Arts. Sadly, at another meeting I had recently with Barbara, she told me someone had just telephoned to say that Peter had been killed in a road accident in Britain two days previously. The following evening on national radio several people, including Peter Townsend, editor of the Australian and British *Art Monthly*, discussed Peter Fuller's influence on contemporary art practice and writing. The consensus was that Peter Fuller through his books, public lectures, radio broadcasts and the establishment and editing of and writing for the English quarterly art magazine *Modern Painters* had stimulated a debate on art values and beliefs, as no one else, I believe, has done in his generation.

After Fuller's lecture at this University last year I had a brief opportunity to show him part of the University's Permanent Collection. I asked him if, as founding editor of the excellent British quarterly *Modern Painters* (named after Ruskin's famous book), he excluded writers from

it holding views contrary to his own. He replied 'not at all' adding, 'one thing I do insist on, however, is that all contributors write in clear English and not in art gobbledegook'.

Fuller's interest in Australian art (his widow is Australian) is expressed in such books as his *The Australian Scapegoat - Towards An Antipodean Aesthetic*. In this book Fuller shows that he had the highest regard for twentieth century Australian artists, among them Arthur Boyd and Fred Williams, whereas the Australian art critic and writer Robert Hughes in his book *Art of Australia* (p.288) blandly states '... it must be admitted immediately that Australia has never produced a great painter'.

It is immaterial whether I, or others, agree or disagree with this or that opinion of Fuller's. What is important is that he had the honesty and integrity to express views not always popular among architects and artists and art educators, logically and lucidly. The loss to contemporary art and culture with his death is, I believe, enormous.

John Eveleigh

lege London, BA Majoring in Drama & English (University of NSW) LECTURED in Communications and Psychology Saturday and Sunday June 23 and 24, 9 am to 5 pm; registration fee \$62

Formation of Conservatorium Choirs
Under Carole Parker, Past President of Australian Choral Conductors Association (Qld)

The Conservatorium is seeking expressions of interest from primary and secondary age children for the formation of two 50-voice choirs - a Junior Choir for primary school age students and a Youth Choir for secondary school age students. Entry will be by audition. Further information from the Conservatorium Office, phone (042) 281122 or (042) 270533.

Registration fee \$37 for a nine-week term.

Library online charges

FROM JULY 1 the total cost for online searches conducted in the Library will be database cost, prints and telecommunication costs. The telecommunication cost will be charged at the rate of \$1 a minute for overseas systems and 50 cents a minute for Australian databases. The minimum search cost will be \$10.

Enquiries to Mary Tow. tel. 27 0536.

The second Cancer Appeal-a-thon Art Union will be drawn live on WIN at noon on June 2 Permit No AU020/6707.



To: Vivien Twyford, Co-ordinator Cancer Appeal-a-thon 90, 38 Swan Street, Wollongong 2500. Yes, I'd like to help complete and equip the Illawarra Cancer Care Centre.

Please send me — books of tickets for me to sell in the Cancer Appeal-a-thon Art Union.

Please send me — tickets at \$20 each in the Cancer Appeal-a-thon Art Union.

I enclose herewith my cheque for \$ _____
Bank/Visa/Master Card No

□□□□□□□□□□□□□□□□

Signed _____

Name _____

Address _____

What's on

Sex, Lice and Stickytape

The Duckpond Drama Society will present a side-splitting show of pacey, witty and sharp humour featuring some of the Illawarra's most talented young comedy writers and performers.

Wollongong's Stephen Nicholson heads the writing team, with a hilarious skit called *The Insensitive Photography* directed by Demitra Ferles. Stephen has performed and written several pieces for the society in the past and his work this year has been described as his best. Demitra (from Coniston) directed *The Kiss* in last year's successful series of plays *Seven Palings off a fence*.

Society Secretary Michael McCallum said, 'By the looks of things this year's revue will be our best.'

The show will be run on May 29, 30 and 31 at 8 pm in the University common room. Tickets \$9 full price and \$5 concession. Enquiries to Michael McCallum (02) 569 4503.

continued on page 8

Conservatorium of Music

DURING the coming weeks, the University of Wollongong Conservatorium of Music will be holding a number of workshops which will be of considerable benefit and interest to all primary-secondary teachers and educators, professional and executive people.

Enquiries and application forms for the workshops can be obtained by phoning Adell Smith or Merrill Powell, Conservatorium of Music, (042) 28 1122 or (042) 2 70533.

One day vocal-choral workshop

for primary-secondary teachers and educators

Judith Clingan, AM, BA (ANU), DipMusEd (Kodaly Institute Hungary)

Sunday June 10, 9 am to 4 pm; registration fee \$25

Drama teaching workshop

for primary school teachers

Hilary De Havilland, Assoc. Trinity Col-

Seminars

Department of Biology

Seminars are held from 12.30 to 1.30 pm in Building 35, Lecture Theatre G19, on Tuesdays.

May 29: Dr Chrissl Roeske, Department of Agronomy, University of Illinois, Urbana, USA, *Carbonic anhydrase in plants*

June 5: Professor B. McNab, Department of Zoology, University of Florida, Gainesville, USA, *Animal Physiology*

Department of Chemistry

Seminars, except where indicated, are held on Fridays in room 18/206 at 11.30 am.

June 1: Michael Manthey, Department of Chemistry, the University of Wollongong, *All you ever wanted to know about 3-hydroxyanthranilic acid, and more!*

June 8: Dr Peter Lay, School of Chemistry, University of Sydney, *The chemistry, biochemistry and toxicology of Cr(V) and Cr(VI)*

School of Creative Arts

Postgraduate series

Seminars, which are held in the Music Auditorium, Building 24, from 4.30 to 6.30 pm, are open to the public and admission is free.

Thursday May 31: *Crossing genres*, Joanne Burns, artist in residence in the School of Creative Arts, is an author working in the blurred area between fiction and poetry. She will discuss her own work in experimental genres and their relevance to issues of gender.

Enquiries to Dr Andrew Schultz, Director, Postgraduate Studies, School of Creative Arts (042) 27 0985.

Department of Economics

Seminars are held on Thursday, from 12.30 to 1.30 pm in room 19.1056.

May 31: Harry Burley, La Trobe University, *Computer aided learning in economics teaching*

Education Policy Program

Seminars are held in the School of Policy and Technology Lab (21.101).

Friday June 8 at 12.30 pm: Professor Russell Linke, *Performance indicators in higher education*

Enquiries to Ian Brown – Co-ordinator, ext. 3590.

Department of Geography

All seminars are held in room 19/G027 at 12.30 pm, unless otherwise indicated, and are open to all who would like to attend.

May 30: Dr Lesley Head, Department of Geography, University of Wollongong, *Aboriginal land use around a pastoral excision – context and implications*

Department of History and Politics

Seminars are held on Wednesdays at 5.30 pm in room 19.2043

June 6: J. Hagan and K. Turner, *Trade Unions and the Labor Party in NSW 1911-1941*

Department of Materials Engineering

Seminars to be held jointly with the Wollongong University Student Chapter of the Metallurgical Society on Tuesdays from 4.30 to 5.30 pm in Room 1.134 (unless otherwise specified).

June 5: Dr R. Hutchings (ANSTO), *Ion implantation*

Enquiries to Associate Professor D. Dunne 27 0014.

Department of Mathematics

Thursday May 31, room 15.204 (Austin Keane Building) at 1.30 pm: Dr Noel Smyth, Department of Mathematics, the University of Wollongong, *Magmons and the eruption of volcanoes*

Centre for Multicultural Studies

Friday June 8, 2 to 3.30 pm in Building 19, room 2102: Professor Masami Sekine, Department of Political Science, Keio University, Tokyo, currently Special Adviser, Embassy of Japan, Canberra, *Foreign workers in Japan – an end to ethnic homogeneity?*

Further details from the Centre for Multicultural Studies (042) 27 0780.

Department of Public Health and Nutrition

Seminars are held in 5.G03 between 12.30 and 1.30 pm on the dates given. Anyone interested is cordially invited.

Tuesday June 5: Mr Eric Meadows, *The international market*

Enquiries to Ms Linda Tapsell, Lecturer, Department of Public Health and Nutrition (042) 27 0152 or ext. 3152.

Social and Psychological Health Research Program

All seminars are held on Tuesdays in room 19/1056 from 12.30 to 1.30 pm.

June 12: Dennis Calvert, *Public health in the Illawarra*

What's on

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Young Contemporaries

Black and white works on paper

The Long Gallery to Sunday July 1: Mondays to Fridays 10 am to 12.30 pm and 1.30 pm to 4 pm; Sundays 12.30 pm to 4 pm; admission free.

All the exhibitors with one exception, Richard Waite, are former graduates or postgraduate students of the School of Creative Arts. Paul Ryan and Gabriela Frutos this year have held very successful one-person exhibitions in Sydney and Judy Weeks has held two one-person exhibitions in Sydney. Anne Ferguson, Kathy Orton and Judy Weeks held a group show this year in the Art Arena Gallery in Crown Street, Wollongong. Tjenka Murray has her tapestry based on one of her

paintings on display at BHP for a year.

Simone Rose, the University photographer, completed her MCA last year and exhibited her graduating exhibition in the Technology Centre. Landscape photographs by Richard Waite, an English photographer, are drawn from the University Collection.

This promises to be an outstanding exhibition.

the art of lunch

Thursday 12.35 - 1.25 pm, Music Auditorium, School of Creative Arts, University of Wollongong. Entry to Auditorium through Performance Space Foyer

May 31, Dutch sculptor and performance artist José Aerts presents *How Low Can You Go?!*

Enquiries: 042-27 0987 or 042-29 7518
Admission: free

Advertisements

SALE BY TENDER

The University has the following items for sale by tender.

One only second-hand Apple IIE computer with 80 col text card; 5 1/4" Apple duo disk drive; Apple monitor II; Houston instruments HIPAD digitiser (28 x 28 cm) with control card for Apple II; NSA printer model WP-1000 and software including Quick-search librarian, Curve fitter, Scientific plotter VII and StatCalc.

The University offers no guarantee on these items. Terms of sale are by cash or bank cheque. Enquiries to Mr J. Marthick (042) 27 0305.

Tenders close at 11.30 am on June 4. Tenders should be placed in a sealed envelope addressed to Office Services, The University of Wollongong, PO Box 1144, Wollongong 2500 and noted 'Tender for Apple IIE computer'.

FOR SALE

Galant 75 auto sedan rego 9/90. Great little round-towner. \$1,250 ono. Tel. 28 8608.

FOR SALE

Magna 86 auto mint cond. 12 months rego, genuine 44,000 kilometres, air conditioning, rust proofed, one owner, \$12,300 ono. NYX 900. Tel Greg on ext 3024 or 74 1030 (home).

ACCOMMODATION AVAILABLE

North Wollongong, one bedroom furnished/unfurnished. Close to Uni/town/beach. Monday to Friday ONLY. Would suit lecturer/student who travels home on weekends. Tel. 26 4139 or ext. 3662.