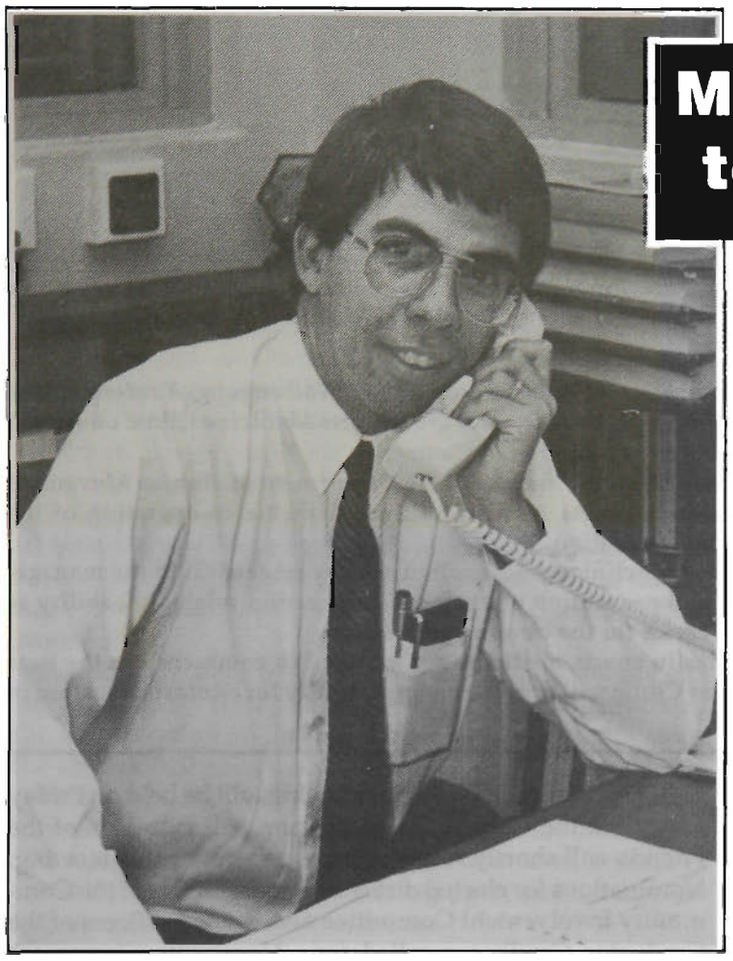
THE UNIVERSITY OF WOLLONGONG

CAMPUS NEWS

Number 7 **April 16, 1991**



Dr Gary Anido

More developments in telecommunications

Dr GARY Anido has been appointed to the new Chair in Telecommunications Engineering to further consolidate the initiatives that have been taken in telecommunications at the University of Wollongong over the last few years.

Dr Anido will be responsible for guiding the Advanced Telecommunications Research Program, including the Masters course offered jointly with the University of Technology, Sydney and the undergraduate computer engineering program.

He will also interact with the University's Centre for Information Technology Research and the Research centres established on campus by Nortel Pty Ltd and Telecom Australia.

A graduate of the University of NSW, Dr Anido was awarded a Bachelor of Engineering with first class honours, the University Medal and the IE(Aust) Engineering Medal in 1983, and a PhD in Electrical Engineering and Computer Science in 1988.

His thesis was entitled *The design, analysis and implementation of a fully distributed local area network for integrated voice and data communications.* A worldwide patent was subsequently granted on his work.

Dr Anido has had more than 15 years' experience in the Australian telecommunications industry.

Since 1987 he has been under contract to OTC to conduct and manage research and development in broadband telecommunications networks.

Dr Anido is well respected in the Australian telecommunications community as one of the leading thinkers and for his knowledge of fast packet switching which is one of the most vital

International recognition for Business Systems Department

Dr STEPHEN Little in the Department of Business Systems, Faculty of Commerce, is the first Australian to win an international award offered jointly by Butterworth Scientific Ltd and the Design Research Society for the best paper published in their journal *Design Studies*.

His paper, *Task environment versus Institutional environment*, looks at understanding the context of design decision making, and includes an examination of the decision making processes involved in the fatal Challenger launch by NASA.

Dr Little is planning to attend a presentation and seminar of his paper later this year in Britain when the award is normally presented.

Further recognition for Department of Business Systems staff has been received from Amsterdam.

Dr Robert MacGregor has been highly commended by the Centre for Innovation and Co-operative Technology at the University of Amsterdam for his paper, *Towards a user language for music composition for young learners.*

Co-operative Education scholarships

THE University would like to express its appreciation to the following companies who have provided scholarships but who were not mentioned in the *Campus News* article on March 19, 1991:

- **Illawarra Mutual Building Society** – Mathematics/Computing Science.
- **Peedom Brodie and Ward** – Law.
- **Wollongong City Council** – Civil Engineering.

Brief News

THE AVCC released a policy document, Foundations for a Clever Country, in March. It was well received in the press, with favourable editorials in The Australian and The Age, and lengthy feature articles and news stories. For further information contact Lin Enright, Public Relations AVCC, tel. (06) 285 8200.

AT THE recent annual general meeting of the NSW branch of the Australasian Institute of Tertiary Education Administrators, Sylvia Huntley-Moore was awarded the Institute's inaugural Postgraduate Scholarship to the value of $1000. Sylvia, a member of the Centre for Staff Development, will use the scholarship to support her studies towards the Master of Commerce degree in Human Resource Management at this University.

APPLICATIONS and nominations are invited for the newly restructured position of Vice Provost for International Affairs at the Ohio State University. The Vice Provost leads the effort to enlarge and strengthen international activities at the university. Applicants are asked to send a dossier and references to: Vice Provost for International Affairs Search Committee, Office of the Provost, The Ohio State University, 203 Bricker Hall, 190 North Oval Mall, Columbus, Ohio, 43210-1358

PROFESSOR David Farrier, from the Faculty of Law, is a speaker at a World Energy Council Forum in Sydney from June 2-5. The major theme of the conference is regional co-operation on energy issues in the Asia Pacific area. Between 400 and 600 delegates are expected to attend the Second Pacific Asia Regional Energy Forum.

Campus News is published weekly on Tuesday during Autumn and Spring sessions

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

Material for *Campus News* should be sent by Microsoft Mail to Gillian Curtis, or left, preferrably, on a Macintosh-formatted floppy disk, or on hard copy in the *Campus News* tray in Planning and Marketing Branch, Administration Building.
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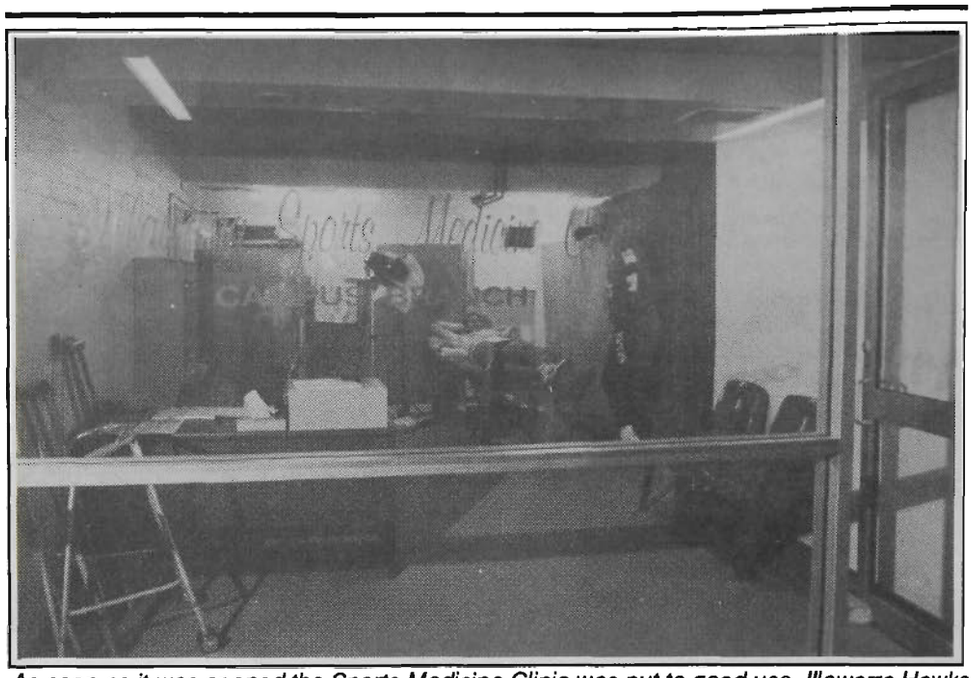


As soon as it was opened the Sports Medicine Clinic was put to good use. Illawarra Hawks basketball stars Norman Taylor (standing) and Justin Withers were among the first to try out the clinic

THE Vice Chancellor of the University of Wollongong, Professor Ken McKinnon, officially opened the Campus Sports Medicine Clinic on April 2 in the Recreation and Sports Association Centre.

The clinic is stage one of a joint venture of the Department of Human Movement Science and the Illawarra Sports Medicine Clinic with the co-operation of the Recreation and Sports Association.

It will provide a base for clinical and applied science research into the management, rehabilitation and prevention of sport- and recreation-related disability as well as providing a service for the campus population.

Postgraduate studies in sports medicine are planned to commence in the near future and the Campus Clinic will provide an opportunity for clinical education in sports medicine.

THE Friends' annual general meeting will be held on Friday May 17 in the Council Room at 5pm. All members of the Friends will shortly receive notice papers for this meeting. Nominations for elected directors and members of the Community Involvement Committee and elected officers of the Graduates Group are called for. Nomination forms are available from Karen Chisholm, the Friends' Administrative Assistant, tel. (042) 21 3110. It is hoped that a new Executive Officer will be in attendance at this meeting and that the new board can implement an active program that will continue to enhance the public regard for the University. The present board has sought to encourage greater participation in Friends' activities by every existing member as well as recruiting new members. If you are willing and able to help, ring John Bell on (042) 28 5849.

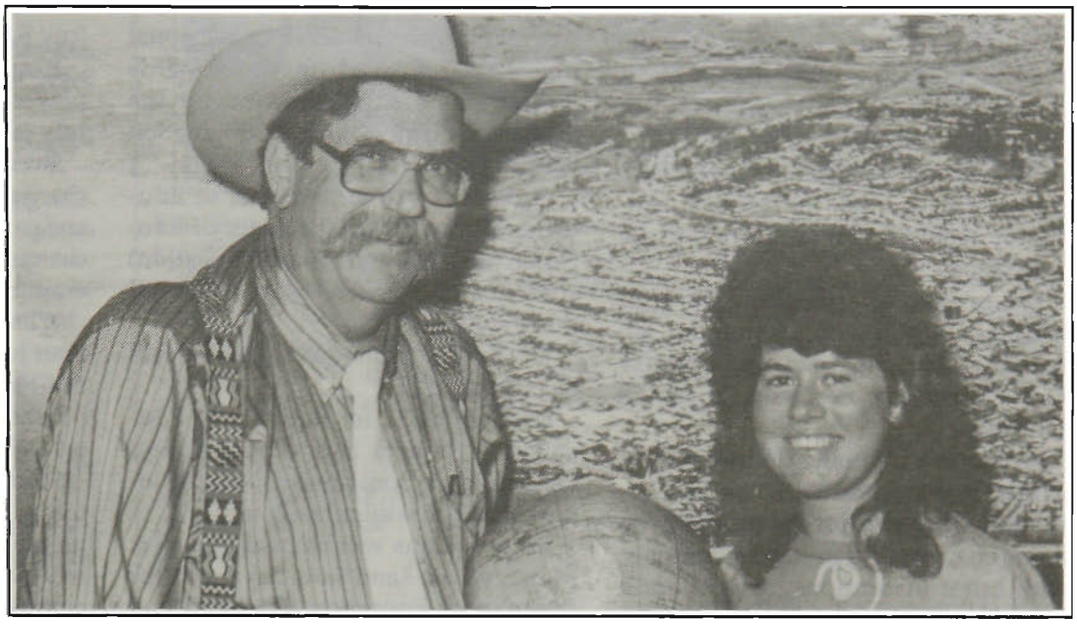
THE Library will stop providing a telex or a telefacsimile service at the end of April. The costs associated with providing this free service have become prohibitive. Staff wanting to send a fax should use either the machine in their department or the machine located in the Office Services Department of the University Administration building. This service is available for a fee. The Library apologises for any inconvenience this may cause. Further enquiries can be directed to the Information Services Librarian, Craig Grimison, ext. 3550.

Geography Department's two overseas visitors

Dr KENNETH L. White from Texas A&M University, College Station, Texas has joined the Department of Geography as a Fulbright Senior Research Scholar.

Dr White will also be associated with the Faculty of Engineering. His stay in Wollongong will continue until June 15.

Dr White has spent the last three months in Dhaka, Bangladesh, as a Fulbright Scholar affiliated with the Department of Geology at the University of Dhaka. Political unrest caused his stay in Dhaka to be shortened and he will finish his scholarship in Australia.



Dr Kenneth White and Mary Bourke ... visiting the Department of Geography

Dr White brought with him to Wollongong a PC computer-based Image Processing and Geographical Information System (GIS) - ATLAS/AGIS - with which he will do collaborative research with faculty members in Geography and Engineering.

His primary interests are in fluvial geomorphology and soils geography. He is planning a research program involving the identification and mitigation of natural hazards along the eastern Australia coastal strip.

This research will involve a variety of data sources including satellite data obtained from an altitude of 500 miles, published topographic sheets at a scale of 1:25000, specific site engineering data, and other published and unpublished sources.

Texan Fulbright Scholar joins Irish award winner

The study team is Professor Murray Wilson, Associate Professors Gerald Nanson and Robert Young and Dr Ann Young along with graduate students and other staff members.

Dr White is a certified professional photogrammitrist, past president of the Texas-Louisiana Region of the American Society for Photogrammitrist and Remote Sensing, and a member of the Soil Science Society of American, the Association of American Geographers, Association of Engineering Geologists, Gamma Theta Epsilon and Sigma Xi.

Dr White also hopes to spend some time looking at fluvial chronologies, the process of fluvial avulsion and the engineering geology problems of the east coast of Australia.

He is accompanied in Australia with his wife Ellen who will be working on a paper comparing the treatment of the mentally ill in Texas and NSW.

MARY Bourke MA, from Dublin, Ireland, is the current holder of the Australian European Awards Program Scholarship (1991-1992).

She is the third recipient of this award to choose to study in the Wollongong Department of Geography. (Previous scholars were Dr Croke, 1988-89 and Dr Mulrennan, 1990-1991).

While she admits that the experiences of her colleagues at Wollongong encouraged her to come to the department, the main reason was the highly regarded team of geomorphologists.

Ms Bourke graduated in 1991 with a first class honours masters in geography from University College, Dublin.

Her research investigated the effects of an unusually large storm on a catchment in the Wicklow Mountains, Ireland. Ms Bourke has given several papers on her research and is writing for publication.

Upon graduation Ms Bourke was appointed by the Geography Department, U.C.D., to lecture on geomorphological hazards. After completing her teaching obligations she was awarded the ERASMUS Bursary (1990) to carry out research in the Austrian Alps with the Alpine Geomorphology Research Group.

During her stay in Australia she hopes to carry out research into the importance of high magnitude events as landforming episodes.

The first project will investigate the recent desiccation of the soils on the Wollongong slopes and the implications for slope instability.

To date, this scholarship has enabled Ms Bourke to travel to New Zealand to work on braided river floodplains.

It will also give her the opportunity to work on channel morphodynamics in Central Australia, quaternary evolution of fluvial systems in the Kimberley range and coastal and estuarine systems in the Gulf of Carpentaria and Papua New Guinea.

Implications of new animal research laws

THE NSW Animal Research Act, to be implemented this year, has implications both for the University, and for individual researchers.

From January 1, 1991, all establishments using animals for research, testing or teaching are required to be accredited.

The process of accrediting the University of Wollongong is in hand, according to the Acting Deputy Vice-Chancellor, Professor Lauchlan Chipman.

Professor Chipman said researchers who are associated with the University, but who work collaboratively on research or testing involving animals, with other institutions, or with individuals not otherwise associated with this university, should note that these other institutions and/or individuals also require accreditation.

An "animal" is defined as "any vertebrate animal, including mammals, birds, reptiles, amphibia and fish, but not human beings".

Applications for licences and accreditation will be considered by the Animal Research Review Panel of the NSW State Government, which will advise the Secretary of the Department of Local Government whether the application should be approved.

Accreditation and licences will be conditional on a satisfactory site inspection.

Individual staff and students of this University whose animal-related research or testing is carried out entirely on University premises need not apply for separate licensing.

Off-site research or testing is covered provided the protocol, including off-site details, has been cleared by the Animal Experimentation Ethics Committee.

"As you are aware, issues of research and testing involving animals are now extremely sensitive, and it is important we comply in all respects with the new statutory requirements," Professor Chipman said.

If you have any problems, please contact Ms Denise Stevens in the Graduate Office, ext. 3386.

Autumn Session examination timetable

STUDENTS must check the provisional timetable displayed on noticeboards around the campus and notify the Student Enquiries Office of examination clashes by:

Friday May 10 for Bachelor of Education (Primary) and Bachelor of Education (Physical and Health Education) students; and Friday May 17 for all other students.

The final examination timetable will be published on:

Friday May 17 for Bachelor of Education (Primary) and (Physical and Health Education) courses; and Monday May 27 for all other courses.

Examinations will be held between: Monday June 3 and Saturday June 8 for Bachelor of Education (Primary) and (Physical and Health Education) students; and Saturday June 15 and Saturday June 29 for all other students.

Examination results for autumn session 1991 subjects will be posted to each student's registered term address on Friday July 12.

Results for double session subjects may be issued by the relevant academic unit.

Students should ensure that the University has their correct address before July 5.

Examination results will also be displayed in the Pentagon Foyer on Friday July 12 from noon.

Students who have not paid outstanding charges to the University, such as library and parking fines, student loans and other charges by Friday July 5 will have their examination results withheld.

Where outstanding charges are paid after July 5, results will not be available until after Monday July 15.

Graduation ceremonies will be held on October 10 and 11.

Students who meet the requirements for a degree/diploma/associate diploma at the end of autumn session will be eligible to graduate at the ceremonies provided they submit an Application for an Academic Award form by May 31.

Students who will satisfy the requirements for a degree/diploma/associate diploma at the end of spring session 1991 must submit an Application for an Academic Award form by November 29 if they wish to participate in the May 1992 ceremonies.

Information concerning results will not be given out by telephone.

Changes in superannuation

FROM July 1, there will be only one superannuation scheme on campus for new employees, both general and academic staff.

The scheme will be the Superannuation Scheme for Australian Universities (SSAU) and the rate of contributions will be 7 per cent.

SASS will no longer be available to new staff.

Generally SSAU will be compulsory for all new staff whose contracts are for two years or more.

However, there are some exemptions and conditions. These are:

- **Staff whose annual salary is less than $22,500 will have the option to join SSAU;**
- **Staff on an annual salary between $22,500 and $26,000 will have to contribute at half the normal rate – 3.5 per cent – and may elect to contribute at full rate;**
- **New limited-term employees on contracts of fewer than two years will not be able to join SSAU or SASS, unless their status is changed to permanent or their contract is increased to more than two years.**

Permanent members of staff as at June 30 will be given a once-only option to join SSAU, however they may still join SASS at any time in the future.

The benefits of the schemes are similar, however the primary difference lies in the rates of contribution. In SASS you can elect to contribute at rates from1-9 per cent which can be altered annually. In SSAU the contribution rate is fixed at 7 per cent. New staff already in a state scheme may stay in that scheme when they join the University.

For more information contact the Superannuation Officer, Mrs Barbara Smith, ext. 3275.

Student elections results

VICE-Principal (Administration) Mr Ken Baumber has released the results of recent elections of students to committees.

The following students were elected to the committees listed below:

1. Five student members to the Academic Senate: Craig Barratt, Joel Rasiah Thambipillai, Craig Wallace.

2.(a) Fourteen student members to the Faculty of Arts: No nominations received.

(b) Eight student members to the Faculty of Commerce: Angus Paul Knox Ross.

(c) Two student members to the Faculty of Education: No nominations received.

(d) Six student members to the Faculty of Engineering: Craig Barratt.

(e) Eight student members to the Faculty of Health and Behavioural Sciences: No nominations received.

(f) Six student members to the Faculty of Informatics: No nominations received.

(g) Two student members to the Faculty of Law: Adorina D'Arcy.

(h) Ten student members to the Faculty of Science: No nominations received.

3. One student member to the Board of Studies for Environmental Science: No nominations received.

4. Two student members to the Library Committee: Joel Rasiah Thambipillai.

5. One student member to the Graduate Faculty: No nominations received.

6. One student member to the Undergraduate Studies Committee: Craig Wallace.

A ONE-day course on Environmental Monitoring was held at the CRA Research Laboratory, Newcastle on February 26.

Lectures on recent advances in a variety of instrumental techniques were presented by Professor Gordon Wallace, Dr J.N. Barisci and Mr P. Riley of the Intelligent Polymer Research Laboratories, Drs D. Griffith and J. Korth of the Chemistry Department and Mr T.W. Lewis of Biological and Chemical Services.

Participants from local industry – CRA, BHP (Australian Manganese) and Alcan – were given lectures highlighting the application of modern instrumental techniques, high performance liquid chromatography, gas chromatography, mass spectrometry, electrochemistry and Fourier transform infrared spectroscopy to solving environmental monitoring problems.

TONY Iskra, a graduate from this university, is undertaking a solo bike ride from London to Wollongong to raise funds for AIDS research.

The University, the Friends of the University and Wollongong City Council are doing what they can to assist him. The University's Salaries Office will arrange payroll deductions for staff members wishing to help this very worthwhile project if at least 10 staff members are willing to contribute. Complete the slip below and return to the Salaries Office, Administration Building.

Please deduct $..... from my pay each fortnight for ..... pay periods, representing a donation of ..... . Money received will be provided for the ISFIT London to Sydney Marathon to raise funds for AIDS research.

Name .....

Signed .....

Service No. .....

Date .....

May Graduation details

THE May Graduation Ceremonies from May 7-10 will be prefaced on May 6 by University Day to celebrate the University's founding as a College of the University of New South Wales in May 1961.

Details of the Ceremonies are :

Tuesday May 7, 2.30pm – Education: DipTeach (Primary conversion course); Graduate diplomas in Education and Educational Studies; Health and Behavioural Sciences: All Sports Science, Human Movement and Nursing degrees and diplomas; BSc (Health Science and Nutrition); Science: All Science and Environmental Science degrees and diplomas. Speaker: Professor Peter Baume, Former Senator and now Professor of Community Medicine, University of NSW.

Wednesday May 8, 2.30pm – Arts: All Arts and Creative Arts degrees and diplomas. Speaker: Mr Edmund Capon - Director, Art Gallery of NSW.

Thursday May 9, 9.45am – Commerce: Associate Diplomas in Administration and Computer Applications; Law: Graduate Diploma in Law; Engineering: All Engineering degrees and diplomas (except Electrical and Computer Engineering); Informatics: All Mathematics and Computing Science degrees and diplomas; BInfoTech; Electrical and Computer Engineering degrees and diplomas. Speaker: Mr George Maltby, former Chief Executive of OTC, Deputy Chairperson of ITC Board.

Thursday May 9, 3pm – Commerce: All Commerce and Management degrees and diplomas other than associate diplomas. Speaker: Mr Robert Somervaille, Chairperson of ABC, lawyer and member of the University Council.

Friday May 10, 10.15am – Education: All Education degrees and diplomas other than the diplomas listed for the Tuesday ceremony. Speaker: Dr Burke, Assistant Director General, Department of Education.

All ceremonies will be held in the University Sports Hall. Entry to each ceremony is by ticket only. Invitations for academic staff to attend and participate in the academic procession will be distributed shortly.

Staff are advised that parking restrictions will apply in some University carparks on graduation days. General inquiries in relation to the graduation ceremonies may be directed to Trevor Cuthbertson, ext. 3928 or Olena Cullen, ext. 3360.

Asia-Pacific Development Studies Research Program

Lunchtime seminars

April 30: Bruce McFarlane, Dept of Economics, Macquarie University, *China's economy in the 1990s.*

May 28: Tony Naughton, APDS program, *East Asian capital markets: preliminary results.*

Seminars are held in Room 40.222 from 12.30-1.30pm. For further information contact Melanie Beresford, ext. 3669, or Dennis O'Brien, ext. 3654.

Department of Accountancy

April 19: Alex Frino, *The relationship between stock price changes and trading volume: the size effect revisited.*

April 26: Warrick Funnell, *Efficiency auditing as social and political discourses: a critical study of the establishment of efficiency auditing within the Australian Audit Office 1978-1984.*

May 10: Andrew Chew, Department of Accounting, University of Technology, Sydney: *Structuration of accounting systems.*

May 24: Hema Wijewardena: *Factor proportions in industry in developing countries: Evidence from Sri Lanka.*

Seminars are held in the Faculty of Commerce Building 40, Room 224, from 11am-12.30pm.

Inquiries to Associate Professor Hai Yap Teoh, tel. 21 3625.

Department of Biology

Autumn Seminar Series

April 16: Professor John Coleman, Botany Dept., University of Toronto, *The molecular biology of carbonic anhydrase in algae and higher plants.*

April 23: AssociateProfessor Peter Greenaway, Biological Sciences, UNSW, *Adaptations to terrestrial life in crabs.*

April 30: Associate Professor Zeng Liangzhong, Fujian College of Forestry, China and Associate Professor Rob Whelan, Biology, University of Wollongong, *Poor natural regeneration in abandoned farmland: the role of soils.*

May 7: Dr D.J. Ayre, Biology Dept., University of Wollongong, *Beyond simple aggression in sea anemones.*

May 21: Dr Nigel Taylor, Department of Human Movement, Uni. of Wollongong. *Respiratory mechanics during immersion.*

May 28: Dr Stephen Doggett, Westmead Hospital, Medical Entomology Unit. *Field and laboratory investigations of Lime Disease in Australia.*

June 4: Dr Caroline Gross, Biological Sciences, Flinders University) *Floral mimicry: a review of terminology and a case study.*

Seminars are held in 35.G19 – 12.30-1.30pm on Tuesdays

Seminars

Department of Economics

May 8: R Bewley, School of Economics and Forecasting Research Group, University of NSW, *Co-integration: Choice for Applied Economists*

May 15: J Bateson, Treasury, NSW Government, *Current Issues in Public Sector Economics.*

May 23: E West, Department of Economics, University of WA and University of Ontario, *Adam Smith and Modern Economics.*

June 3: C Eaton, Department of Economics, University of Tasmania and Simon Fraser University. *Flexible Manufacturing and Market Structure.*

All enquiries to the Convenor, Associate Professor Tran Van Hoa, Office 40.207, Fax (042) 21 3477, Tel. (042) 21 3659.

Department of Education

Visiting Lecture

April 23: Dr B.S. Randhawa, Professor, University of Saskatchewan, Visiting Professor, Curtin University of Technology, *Instructional and cultural influences on mathematics learning and outcomes.* 4pm Room 19.1004 Social Science Building.

Inquiries to Dr Philip de Lacey, ext. 3728.

Department of Human Movement Science

Staff and Professional Seminar Programme Semester 1, 1991

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.*

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.

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

Department of Materials Engineering

April 23: Professor W Plumbridge, University of Wollongong, *Overseas developments in materials engineering.*

May 7: Dr J Nordon, Hawker de Havilland, *Composite repair in the aerospace industry.*

May 21: Dr R Priestner, University of Manchester, *Hot rolling of steels.*

June 4: M Sampson, Bisalloy Steels, *Wear-resistant steels and their applications.*

All seminars to be held from 4.30-5.30pm in Room 1.134. Enquiries to Associate Professor D Dunne, (042) 21 3014.

Department of Philosophy

Colloquia

May 10: Philip Cam, University of NSW, *The psychology of beliefs*

May 17: Catriona Mackenzie, Macquarie University, *Reason and Sensibility: the ideal of women's self-governance in the writings of Mary Wollestonecraft.*

Colloquia are held in room 1034, Level 1, Building 19 at 2pm.

Department of Public Health and Nutrition

Departmental Seminars

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

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

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

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

School of Creative Arts

Research Colloquia

April 18: Paul Carter, *Sound House – Scripting for Public Places.* Paul Carter, the author of *The Road to Botany Bay,* is working in designing voice collages for public spaces. This consideration of the links between sound and architecture will canvass means of rejuvenating public spaces.

May 16: Michael Scott-Mitchell, *Scenery in the Theatre of Ideas.* This investigates the nature of the theatrical illusion made possible by the isolation of line, shape and the fluidity of space behind the proscenium arch.

July 25: Banduk Marika, *Identity and Country.* Banduk Marika gives a view of art in 1991 from her position as an artist from Nhulunbuy, north-east Arnhem Land, in the Northern Territory.

August 22: Anne Brennan, *Identity and Artefact.* Anne Brennan, a jewellery maker, also writes extensively on craft, personal experience and material culture.

Continued back page

National Museum of Australia
Consultancies: Expressions of interest are called for in the following consultancies for the National Museum: Australian Social History Collections (Cinema Records, Australian Colonial History Artefacts, and Australian Road Transport), Aboriginal Australian Collections (Aboriginal Childhood, Le Souef Miniatures, American-Australian Scientific Expedition to Arnhem Land 1948). The University closing date is April 19.

Dept of Community Services & Health
General Practice Evaluation Program: Seeding grants within the range of $5,000 to $10,000 are now invited to "seed" the earliest stages of new evaluation research. The University closing date is April 26.

National Board of Employment, Education & Training
Grants for Innovative Projects Program; Australian Research Council Performance Evaluation Group: Expressions of interest are sought to distribute, collect, record and analyse the results of the above survey for ARC evaluation. The University closing date is April 26.

NSW Cancer Council
Research Grants 1992
Funds are available for 1,2 or 3 year research grants in all aspects of cancer which elucidate its origin, cause and control at a fundamental and applied level. The University closing date is June 14.

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.

1991 Stihl Power Tools Research Grant
Stihl is offering grants of $6,000 to people who could make a valuable contribution to knowledge and expertise in the area of: New uses for power equipment to improve productivity/safety in the workplace, New methods of using the same power equipment to improve productivity/safety in the workplace. The University closing date is May 17.

Previously Advertised Closing Date

The British Council Travel Grants	Any Time
Australian Arts Council	Any Time
World Environment Day Youth Award	April 19
AESIRB (Greenhouse)	April 19
Bilateral Science & Technology Collaboration Program	April 19
National Parks & Wildlife Student Travel Assistance	April 19
Peter Hastings Fellowship	April 26
Smuts Visiting Fellowship	April 30
Ministry for the Arts (Theatre & Dance) Cultural Grants Program	May3
Dept of Primary Industries & Energy Research Grants (Coal Only)	May 3
Production of Ethanol Research Grants	May 10
American Heart Association	May 17
Australian Mining Industry Council Student Award	May 17
National Heart Foundation Research Grants	May 17
Multiple Sclerosis Society Grants and Fellowships	May 17
Ministry for the Arts - Cultural Grants Program	May 31
Australian Academy of Humanities (Travelling fellowships)	June 14
Australian Academy of Humanities (Publication Subsidies)	Any TIme
Asian Studies Council Languages Research Scholarships	June 14
Apex/Autism Research Grants	June 14
Oceanographic Research Vessel 1993	June 14
Cooperative Research Centres	July 3
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

Grants received:
Dept of Community Services & Health, Professor S Speedy, Dept of Nursing, The Effectiveness of Support Systems on Paid and Unpaid Carers of the Terminally Ill, $16,714

Advertisements

Due to the increased demand for this section, in future it will be available only to staff and present students. Anyone wishing to advertise must complete a form in Planning and Marketing, Administration Building. This advertisement will be run once. For a repeat it will be necessary to complete another form.

FOR SALE
Child's pony, very quiet, good home only, 11 h.h., $500 Ext. 3079 or (042) 836442 after hours.

FOP SALE
Honda Civic 1985 top of the range model. One lady owner. Reg. until 2/92. Silver with tinted windows. Many extras. Genuine reason for sale. $10,200 o.n.o. Ext. 3875 or (042) 341823.

FOR SALE
VW Beetle S 1500cc. 12 months rego (Feb 1992). Reconditioned motor, new brakes, good tyres, new exhaust/muffler, cheap reliable transport. $2900. Tel (042) 27 2937 (ah), 21 3517 (w).

TO LET
4br house in Mangerton for six months from July 1. Tel (042) 21 3856 (w), 28 9793 (h).

UNIVERSITY OF WOLLONGONG

SALE BY TENDER

60 used 200 litre food quality Nylon Bins (without lids)
Useful as: Storage containers, Waste food Bins, Composting Bins, Mixing Vats etc.

The University offers no guarantee on these items. For further information contact Mr Ross Hounslow on (042) 213081.

Tenders close 11.30am on April 19, 1991 Tenders should be placed in a sealed envelope addressed to:
The Vice Principal (Administration)
University of Wollongong
PO Box 1144
WOLLONGONG 2500
and marked "Tender No. 91/18"

■ **The Art of Lunch** – Thursdays from 12.35-1.25p, in the Music Auditorium, in the School of Creative Arts.

■ Alan Ayckbourn's comedy **Round and Round the Garden**, the third play in the Norman Conquest Trilogy, is playing at the Workshop Theatre, Gipps Road, Gwynneville from April 3-20 on Wednesday, Friday and Saturday nights. Bookings tel. (042) 85 1811 (AH).

■ The next meeting of the **Women's Issues Group** will be held at 7.30pm on April 23 in the Boardroom of the Union Building, University of Wollongong, Northfield Avenue. Guest speakers will be Liz Jenied, "A Glimpse of Yemeni Textile" and Simone Bryte, "A View of Life by a Woman Author". All are welcome at a cost of $2.50 per head. Enquiries to Moira Bowman, tel. (042) 843741. Other meetings will be held on May 28 and June 26.

■ The fifth annual general meeting of **The University of Wollongong Club** is to be held in the Club Lounge, Union Building (No.11) at 12.30pm on Wednesday, April 24. All members and new members are invited to attend. Advise either Ross Lilley (ext. 3431) or Maree Fryer (ext. 3413) by April 19 if you will be attending.

■ The **Illawarra Committee for Overseas Students** (ICOS) has announced its calendar of events for this year. The first is a visit to Canberra and Cockington Green on April 27. The cost is: adults $8, children $5. The remainder of the events are: May 18: Old Sydney Town $8 and $5. May 25-26: Dubbo Western Plains Zoo two-day trip, adults and children older than six $35. July 27: Snowy Mountains (one day) $15 and $10. Tickets and details are available from ICOS office in the Union Building next to Careers and Appointments Service, Monday to Friday 9am-2pm. Tel (042) 21 3158 or ext. 3158.

■ **Law Week** Monday April 29-Sunday May 5. Events during the week will include a 'Law as a Career' seminar, talks on radio on current legal issues, and the lawyer of the year award.

What's On

■ **The National Parks Association of NSW** is holding a series of eight lectures, entitled Water Conservation – Its Management and the Future. 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.

■ A national tertiary students' conference, entitled Students Science Sustainability, will be held at the Australian National University on April 24-26. The major theme of the conference is the imperative of confronting global environmental degradation. For more information, contact the Dean of Science, ANU PO Box 4, ACT 2601. Tel. (06) 249 4354 or fax (06) 270 2808.

■ **University Day** – Monday May 6. Address by The Honourable Barry Jones. 6pm. Music Auditorium. Title of address is *Universities: are they viable for the year 2000?*

■ **Annual University service** – Sunday May 12 7pm St John's, Keiraville, Eastern and Moore Sts, Gwynneville. The Rev Raymond Heslehurst, who celebrates his 10th year this year as Anglican Chaplain on Campus, will preach the sermon. (note changed venue).

■ **Graduation Ceremonies** – May 7-10 and October 10-11.

■ **Open Day** – Sunday August 25.

■ The **Illawarra Performing Arts Centre Guild Theatre** is preparing for a season of 'Annie'. Directed by Robert Peet, Annie has Peter Shepherd as musical director and Linda Shaw Wilson as choreographer. The season opens Friday July 26 then July 27 (two shows), 28 (two shows), 30, 31, August 1, 2 and 3 (two shows).

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October 31: *Studies in Contemporary Arts Practice and Performance in Australia.* Presented by members of the University research program: Diana Conroy, Ian McGrath, Sue Rowley, John Senczuk, Andrew Schultz, Peter Shepherd and David Vance.
All colloquia are held in Building 24, G01 – Music Auditorium from 4.30-6.30pm. Enquiries to (042) 21 3302.
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) 21 3985.

Gender and Education Unit and Equity in Education

May 1: Ms Barbara Pamphilon, Masters Honours student, *Methodological problems interviewing older women.*
May 8: Ms Jacqui Preedy, MEd student, *Researching home economics.*
May 15: Ms Jan Wright, lecturer PhD student, *Interplay of discourses in PE.*
May 29: Ms Jan Hall, lecturer MEd Honours student, *The gifted and talented recognised but ignored.*
All seminars are held at 12.30pm in 22.107. For more information contact Associate Professor Noeline Kyle ext. 3374.

Stop Press

Teaching awards

THE Vice-Chancellor's Awards for Excellence in Teaching were announced at the Council meeting on Friday April 12.

The recipients are: Assosiate Professor Don Lewis, Ms Ros Atkins, Ms Yvonne Kerr and Ms Tracey McDonald.

Details next week.