

THE UNIVERSITY OF WOLLONGONG

CAMPUS NEWS



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Editor: George Wilson, Tel. (042) 27 0926
(042) 28 6691

14 March 1989

CHANCELLORS OPPOSE CUTS TO GOVERNING BODIES

Chancellors of six NSW universities have expressed deep concern at reports that the Minister for Education, Dr Terry Metherell, proposes to reduce, drastically, the size of university governing bodies.

It is understood that consideration is being given for legislation to reduce the membership of each governing body to about 12 in number, half of whom would be appointed by the Minister. In some cases this would mean a reduction of membership by more than 50 per cent.

The Chancellors stressed the importance of a broad diversity of membership from the general community and adequate membership by staff, graduates and students on governing bodies.

At a time when there are changes in the role of universities, with extended responsibilities for governing bodies, it is especially important that the wide contact between the general community and the academic community should be maintained and that the experience accumulated by present governing bodies should not be lost.

Although the Chancellors acknowledge that considerable benefits will come from the current reappraisal of universities, they believe it is important that the independence and the traditional values of universities should not be sacrificed for administrative or economic expediency.

The Chancellors point out that in addition to their work on governing bodies, the members also contribute

knowledge from their particular areas of expertise to the management of universities, individually and by membership of various committees. Drastic reductions would significantly undermine this important source of advice to universities, and would limit beyond a critical point this essential contribution to the universities' administrative structures.

The reductions proposed in the numbers of staff and student members on governing bodies would reduce opportunities for governing bodies to obtain detailed first-hand knowledge of the views of staff and students.

The Chancellors also pointed out that membership of governing bodies is unpaid and that members give dedicated and valuable service to universities, and at no cost to the public purse.

The Chancellors do not normally make joint public statements. That they have come together to make a statement on this matter indicates the depth of their concern.

Signatories to the statement were Sir Hermann Black AC, Chancellor, University of Sydney; The Hon Mr Justice R. Hope AC CMG, Chancellor, The University of Wollongong; Professor R.N. Johnson AO, Chancellor, University of Technology, Sydney; The Hon Justice M. Kirby CMG, Chancellor, Macquarie University; Dr R. Robertson-Cunninghame AO, Chancellor, University of New England; The Hon Mr Justice G.J. Samuels AC, Chancellor, University of NSW.

Professor – Key Centre for Mines

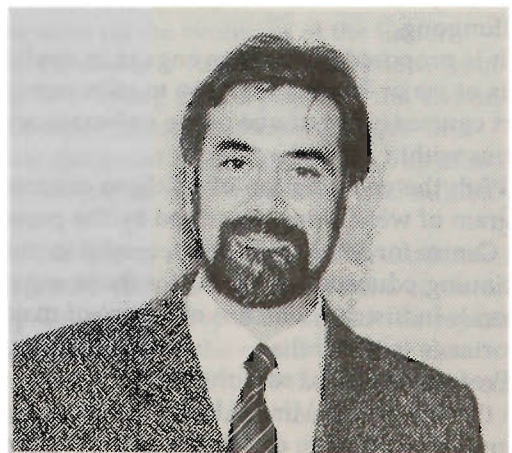
Professor Charles Gerrard has now taken up his appointment as Professor of Mining at the Key Centre for Mines on January 30. The Centre is operated by Wollongong's Departments of Geology and Civil and Mining Engineering and the University of New South Wales on a joint basis.

Last year the Centre was awarded \$220,000 in Federal Government funding for a period

of six years; thereafter funding will be reviewed on the basis of performance.

Professor Gerrard graduated in Engineering from the University of Melbourne in 1961, gained his Master of Engineering Science from UNSW in 1964 and returned to the University of Melbourne for his PhD in Geomechanics in 1969.

continues overleaf



General Notices

Study Reveals Unfavourable Impact of Australian Flag Shipping on Balance of Payments

The Centre for Transport Policy Analysis at The University of Wollongong has completed a major study of the impact of Australian flag shipping on the national balance of payments.

The major finding of the study was that under the present commercial conditions (and under the most likely future conditions) increased Australian flag participation in overseas trades is unlikely to provide significant direct foreign exchange gains, and might well imply a substantial direct loss.

This finding conflicts with numerous past estimates which have tended to overstate the shipping industry's contribution to the balance of payments, primarily as a result of inappropriate methodology.

The study examined 'representative routes' (with ships crewed at Maritime Industry Development Committee – MIDC – levels) in each of the three main sectors of the shipping industry serving Australia –

- * the liner trade between Australia and northern Europe;
- * the shipment of coal between Australia and Japan; and
- * the Australian-Arabian Gulf tanker trade.

In the liner trades calculations for the Australian-northern European liner trade suggest that an Australian flag vessel would not, in present conditions, contribute positively to the balance of payments. The study estimates a consequent loss on the current account of \$4.7 million or

approximately 16 per cent of the gross revenue earned by the vessel. This is due, in part, to the fact that, given the assumed stream of costs and revenue, the vessel would operate at a loss (\$10.2m annually).

In the dry bulk trades, calculations for the Australian-Japan coal trade suggest that an Australian flag vessel would not contribute positively to the balance of payments at the freight-rate level selected. The study estimates a very small annual net foreign exchange loss of \$10,000, equivalent to -0.1 per cent of the gross revenue earned by the vessel. This should be regarded as a 'neutral' result: replacement of a foreign vessel by an Australian Flag ship would have no significant effect on the balance of payments in this trade.

In the tanker trades calculations for the Arabian Gulf-Australian tanker trade suggest that an Australian flag vessel would make a negative contribution to the balance of payments. The study estimates an annual net foreign-exchange loss to Australia of \$1.4 million, equivalent to -14.2 per cent of the gross revenue earned by the vessel. Moreover, given the assumed stream of costs and revenue, it is estimated that the vessel would incur losses of approximately \$4.9 million annually.

In all three trades the study suggests that an Australian vessel would operate at a loss under most plausible market conditions.

Copies of the study report, *Australian Flag Shipping and the Balance of Payments*, by Dr Keith Trace, Stephen J. Meyrick and Dr Ross Robinson, are available from the Centre for Transport Policy Analysis at the University at a cost of \$35.

For further information contact at The University of Wollongong (042) 27 0683, (042) 27 07688 Dr Ross Robinson, Director and Stephen J. Meyrick, Senior Research Fellow, Centre for Transport Policy Analysis; in Melbourne at Monash University (03) 565 2349 Dr Keith Trace.

Professor Gerrard from page 1

He joined the CSIRO Division of Applied Geomechanics in 1967 and resigned from his position as Senior Principal Research Scientist with the CSIRO's Division of Building Construction and Engineering to take up his present position. He was also chairman of the National Infrastructure Committee.

The aim of the Key Centre for Mines is to improve the already high standard of excellence in teaching and research associated with the Minerals Industry at the University of New South Wales and the University of Wollongong.

It is proposed not only to engage in applied research in fields of major interest but also to offer seminars and short courses either at one of the universities or in mining centres within Australia.

With the co-operation of all those concerned the program of work being organised by the personnel of the Key Centre for Mines will be successful in maintaining a continuing education program for those engaged in the Minerals Industry – which is of course of major importance to Australia.

Professor Gerrard said the Centre would be working with the Australian Mining Industry Council, the Australasian Institute of Mining and Metallurgy, the

Australian Mineral Foundation and the Australian Mining Industry Research Association to ensure that graduates were industry orientated.

He gave credit to Wollongong's Professor of Geology, Professor Alan Cook, and Professor of Mining Engineering at UNSW, Professor Frank Roxborough, for providing much of the impetus for the new Key Centre.

Wollongong Academic to Membership of ASTEC

Professor Ron Johnston, Director of the Centre for Technology and Social Change, has been appointed a member of the Australian Science and Technology Council (ASTEC).

ASTEC is chaired by Professor Ray Martin, former Vice-Chancellor of Monash University, and is composed of senior industrialists and academics. It advises the Prime Minister on a range of issues including the adequacy of scientific and technological activities in Australia, new ideas in science and technology likely to be of national importance, and the practical development of scientific discoveries.

Ron Johnston has been Foundation Professor of Science and Technology Studies at the University of Wollongong for the past ten years. During this time he has sought to improve understanding of the ways in which science and technology can contribute to improving

Sydney Careers Advisers on Familiarisation Visit

Careers Advisers from State High Schools in the Sydney Metropolitan East Region – inner city to Heathcote – visited the University on Monday March 6 for a familiarisation tour.

School Liaison Officer Liz Hilton is arranging a series of these visits throughout the year to provide Careers Advisers with the opportunity of gaining first-hand knowledge of the University to pass on to students.

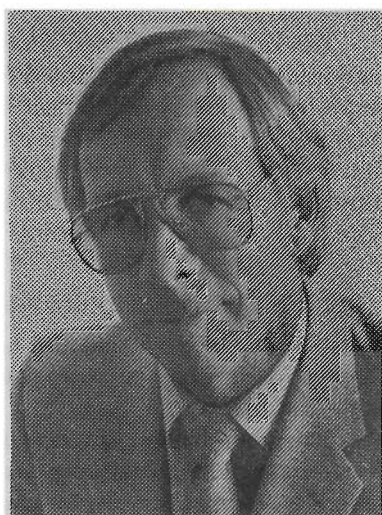
The annual survey of new students undertaken by Planning and Statistics into sources of information about the University revealed that the influence of Careers Advisers

was significantly less among students who took their HSC in Sydney Metropolitan or South Western Regions as compared with students in the South Coast/Nowra area.

This may be because Careers Advisers outside the Illawarra have little opportunity to familiarise themselves with the Wollongong campus and interact with the academic staff – a situation Liz Hilton is hoping to redress.

Forty Careers Advisers were brought to the campus and welcomed by the University Secretary Ken Baumber. There followed talks and discussions with representatives from each faculty and the Counselling Centre. There was also a session with representatives from BHP to discuss cadetships and apprenticeships, and a tour of the campus and facilities.

quality of life and improving Australia's economic competitiveness. In addition he has actively promoted the diversification of the Illawarra economy to create new, high-quality employment in the region.



Professor Ron Johnston

Scrums Under Microscope

The Safety of the much-scrutinised rugby scrum will enter a new era in the wake of the decision of the Australian and New Zealand Rugby Football Unions to fund a study into the biomechanics of scrummaging techniques.

And in an additional effort to ensure the safety of players in international matches, the two unions will press for the extension of the replacement rule from four players to six.

At a top-level meeting of the two unions in Wellington it was agreed to fund the \$14,000 scrum study, which will be conducted by Dr Peter Milburn of the University of Wollongong's Human Movement Science department.

It is anticipated that preliminary proposals regarding the safety of the scrum can be documented in time for the International Rugby Football Board's annual general meeting in April.

Conference time

Geographers from the University of Wollongong have been active during the conference season. The Institute of Australian Geographers conference, held at the University of Adelaide in mid-February, was attended by three members of staff and three postgraduate students, while the Australian and New Zealand Geomorphology Group meeting at Buchan the previous week was attended by five staff members and three postgraduates.

In Adelaide, a feature of the conference was a very strong representation of geographers with interests in Remote Sensing and Geographical Information Systems. In this field, Toni O'Neill, with two of last year's Honours students, Robyn Sim and John Marthick, gave a paper on 'The use of Thematic Mapper imagery to map coastal forests and heathlands of New South Wales'. Robyn Sim also discussed her work for the Water Board in a paper dealing with 'Mapping land cover in disturbed areas of the Illawarra using Landsat Thematic Mapper imagery'. The IAG conference also saw the inception of a new study group on 'Geography and Gender' in which Hilary Winchester gave a paper entitled 'Women and children last: single-parent families, poverty, and marginalisation'. An innovation was a workshop specifically examining cultural geography, during which Hilary discussed 'Marginality, exclusion processes and definitions of urban spaces'.

At the geomorphology conference at Buchan, Gerald Nanson and David Price presented the keynote address on Techniques in the Fluvial Geomorphology session. Together with Ken Page (PhD student) they presented substantive results from thermoluminescence dating in a paper entitled 'Thermoluminescence Chronology of Late Quaternary Sediments of the Riverina Plain, South-eastern Australia' and, with Bob Young, Brian Jones and Jon East, 'Alluvial evidence of Quaternary environmental change from the tropics of northern Australia'. In the coastal geomorphology session, Ted Bryant, Bob Young and David Price discussed 'Late quaternary coastal landforms along the Illawarra NSW coastline', and Colin Woodroffe, with John Chappell, Eric Wolanski and Bofu Yu, considered 'The effect of sea level rise and sediment inputs on lowland floodplains'.

A final session on the evolution of the Eastern Highlands contained two further contributions from Wollongong. Bob Young gave a paper on the 'Evolution of tertiary landscapes in southeastern Australia' and Jonathon Nott discussed his PhD work on 'The alluvial history of an Australian river system from 45 million years to the present'.

Towards the end of the conference an academic from another university commented: 'Before the conference Wollongong Geography Department had the reputation of being one of the best in the country – after the conference it was confirmed to be the best in the country': (Not *all* comments made towards the end of the conference bear repeating!).

University Council Meeting – February 3

1. Financial statements

The University Council met early in February, principally to approve the University's Financial Statements for 1988. Prepared in accordance with the Public Finance and Audit Act, these statements have to reach the Auditor-General by a set deadline in February. They provide detailed financial accounts of the University's full range of activities.

2. Academic business

Aboriginal Assessment Program

Council endorsed the Aboriginal Assessment Program – a comprehensive testing and interview program designed by the Aboriginal Education Unit to assess participants' suitability for admission to university study. The program will operate in 1989 for a one-year trial period with no restriction on the number of students accepted for assessment. Involvement by Faculty staff is a basic expectation of the program.

MA (International Relations)

Council approved in principle the introduction of a Master of Arts course in International Relations. The degree, offered by the Department of History and Politics, is intended 'to provide opportunities for graduates of diverse disciplinary backgrounds to develop their academic understanding and professional skills in the field of international relations'.

3. Campus developments

Campus East Conference Centre

A Council sub-Committee was appointed to determine the viability of a proposed Conference Centre for Campus East.

Kooloobong

Kooloobong would be extended to provide 100 additional student places in the self-catering units.

Weerona – Stage 2

Council approved in principle the construction of an extension to Weerona involving 100 student places and associated facilities.

Technology Centre – Stage II

Council allocated funds for the previously approved second stage of the Technology Centre.

Retirement age of University academic staff

Council noted current practice in the tertiary education sector and legal advice on its current retirement policy and resolved to adopt a common retirement age of 65 years of all Professors, Associate Professors, Senior Lecturers and Lecturers in continuing appointments.

At Council's direction, relevant staff are being advised in writing of the change in retirement age and offered a once-only option of acceptance of the revised conditions.

Award Open to all Engineering Students

On Wednesday March 22 Mr Neville Williams will talk to engineering students in Pentagon Lecture Theatre 3. Mr Williams is Publicity and Display Manager, Roads and Traffic Authority, NSW, and he will talk from 12.30 to 1.30 pm on aspects of the Bradfield Award, organised for all engineering students in tertiary studies.

Mr Williams' topic will be *Building Bridges over Stormy Waters*.

Increasing Fitness Awareness

Forty fitness leaders from throughout New South Wales attended a Fitness Leader Update held at the University in mid-February. Conducted by the Human Movement and Sports Science staff, and endorsed by the Fitness Advisory Council of the State Department of Sport, Recreation and Racing, the three-day Update provided Fitness Leaders with an opportunity to revise and acquire skills related to the fitness industry.

Co-ordinated by Mr Owen Curtis and Ms Annette Owen, the Update gave many fitness leaders an introduction to equipment related to fitness testing, and to charts and models within the Anatomy Laboratory. For many of the leaders, this was a unique opportunity to increase their knowledge through facilities reserved for tertiary students.

Guest lecturers were provided from the staff of Human Movement and Sports Science, with local guests and invited lecturers from Sydney providing variety for the participants.

The Update was voted 'an excellent experience' by the majority of participants, and a further 40 leaders are expected to attend the Repeat Update to be conducted March 31, April 1 and 2. This community outreach initiative is certainly increasing the awareness within the fitness community of the skills and expertise available at The University of Wollongong.

IPEX Plumbing Sculpture Award

Australia's most unusual and hotly contested sculpture competition, IPEX Sculpture Award '89, is open for applications.

This highly successful competition for art and sculpture students has only one requirement – that to be eligible, sculptures must be made from plumbing materials – anything from plungers, taps and grating to piping, traps and toilet bowls; new or used.

The national competition was established in Melbourne last year in conjunction IPEX '88 – Australia's International Plumbing Exhibition. Organisers Thomson Exhibitions chose to create the award to foster Australian tertiary art talent.

The IPEX Sculpture Award '89 is open to tertiary art and sculpture students competing for the first prize of \$1,000 cash, \$250 for second place and various consolation prizes. The judges for this category include Gisella Scheinberg, owner of the Holdsworth Galleries.

The sculptures, which may be any size up to two metres high, will be on display during IPEX '89 which will run from August 9 – 12, at the Government Pavillion, RAS Showgrounds, Sydney. Winners will be announced at the exhibition on August 9.

Application forms are available from Bruce Pollack Management, 47 Elizabeth St, Paddington, NSW 2021. Phone (02) 331 5276 Fax: (02) 331 5355. Applications close Friday July 21.

Deputy University Librarian

Felicity McGregor has been appointed Deputy University Librarian. In her new position, Felicity will be responsible for the day-by-day operation of library services, with particular responsibility for personnel and budgetary matters. Felicity has experience in these areas and has co-ordinated the successful establishment of a dynamic staff development program and the implementation of performance management for Library staff.

A member of the University staff since 1975, Felicity is widely known on campus. She worked initially in the Acquisitions Department of the Library and was responsible for much of the effort to develop a well-balanced collection after the University became autonomous. As Acquisitions Librarian from 1982, she



Felicity McGregor

continued to ensure the rational development of the collection and introduced improved methods of maintaining records of expenditure from the book vote.

In 1985, Felicity was appointed Technical and Circulation Services Librarian. In this capacity, she was responsible for managing the acquisition, cataloguing and loan of library materials. Since her appointment, the large backlog of uncatalogued materials has been eliminated and the former Institute of Education library collection has been integrated into the main collection. Felicity was closely associated with the implementation of the PALS Library System and will oversee its further development.

New Subject for First Session – Department of Languages

LANG199 – Introductory Indonesian/Malaysian; First Session - three credit points.

Four contact hours a week from the following times: Mondays 3.30 - 5.30 pm; Thursdays 8.30 - 10.30 am; Fridays 8.30 - 10.30 am. (additional/alternate times possibly available depending on enrolments).

Lecturer: Dr Ron Witton.

Continual assessment, mid-session and final examination.

A 100-level course for those with little or no prior knowledge of the language. The course is designed to provide a working introduction to the language.

Indonesian and Malaysian are basically the same language but represent two variants that are developing separately as the official language in the countries of Indonesia, Malaysia, Singapore and Brunei.

While the emphasis of the course is on the practical (written and oral) language, a thorough grounding in the grammar of the language will be provided. By the end of the course, students will be able to communicate in the language in a number of situations and to read and write basic Indonesian/Malaysian.

Text: J.D. McGarry and Sumaryono, *Learn Indonesian*, Book One, Sydney, Modern Indonesian Publications, 8th (Revised Edition).

Books and Reading

Stan Aungles, Lecturer in Science and Technology Studies, University of Wollongong.

Stan Parker, Visiting Fellow, Flinders University, South Australia.

Work, Organisations and Change: Themes and Perspectives in Australia.

Published by Allen and Unwin, for release in early April 1989.

The book brings together Australian and overseas material on the future of work and organisations and shows how changes at work are reported quite differently in two bodies of literature. Thus major differences in interpretation are seen when management-orientated approaches are compared with worker-orientated approaches on such issues as work-rationalisation techniques, new technology, skill, the role of the trade unions, industrial democracy, organisational structure and the role of education in relation to work. The text also shows how the different approaches become reinforced through pedagogic processes in higher learning establishments.



Safety on Campus

Know Your Committee

The Occupational Health and Safety Committee comprises elected representatives from unions and University-nominated representatives. Meetings are held once a month in Administration Building 36, Room 303.

If you have any occupational health or safety queries, you should contact a member of the committee or the Safety Officer, Jeff Owers. Confidentiality of sensitive matters is assured.

The Occupational Health and Safety Committee members are:

Stewart Russell, ext 3602, accepted by FAUSA; Dick McKay, ext 3049, Glen Soper, ext 3994, substitute, accepted by Maintenance Staff; Aivars Depers, ext 3423/3841, Rozalia Varga, ext 3422, substitute, accepted by PSA; Merv Fletcher, ext 3526, John Wells, ext 3506, substitute, accepted by PSA; Bob Galvin, ext 3081, Iaian Murray, ext 3081, substitute, accepted by FMWU; Robyn Weekes, ext 3929, Ross Sampson, ext 3798, substitute, accepted by University; Bill Hannan, ext 3529, John Korth, ext 3513, substitute, accepted by University; Shirley Jorgensen, ext 3946 Gary Graham, ext 3935, substitute, accepted by University; Trevor Prior, ext 3594, George Carfield, ext 3594, substitute, accepted by PSA; Ros Westbrook, ext 3876, Abdul Monaem, ext 3381, substitute, accepted by Lecturers Assoc.; M.S. Wong, ext 3901, Barry Lake, ext 3084, substitute, accepted by University; Marilyn Wood, ext 3038, Ian Kirby, ext 3358, substitute, accepted by University; Michael Zanko, ext 3749, accepted by University.

Ex-officio members: Jeff Owers, ext 3204 (Safety Officer), Ross Lilley, ext 3431 (Radiation Officer). Secretary: Ann Kiceluk, ext 3944.

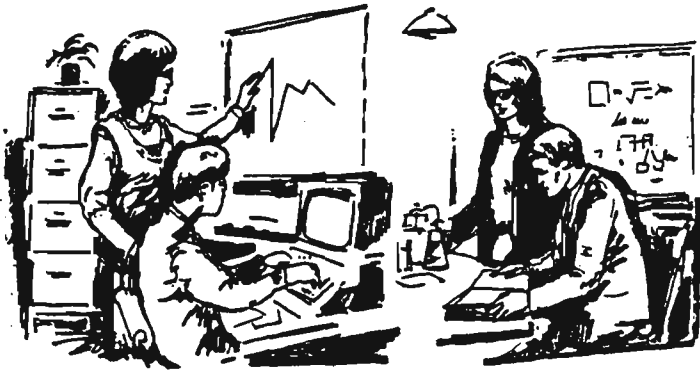
Buildings scheduled to be inspected are listed below. The inspection team is also indicated.

March 14 – Campus East – Geology/Biology Stores and Maintenance Workshops. Jeff Owers/Aivars Depers/Trevor Prior.

April 4 – Building 16 – Michael Birt Library. Jeff Owers/Robyn Weekes/Aivars Depers.

April 11 – Building 101 – Illawarra Regional Information Service (Porter Street). Jeff Owers/Robyn Weekes/Bob Galvin.

Contact the inspection team if you have safety issues requiring attention.



Staff Roundup

Staff Development Courses

The following courses are open to all staff members:

Report Writing Skills (March 16 and 17)

Intensive workshop, which will develop skills in writing clearly and precisely. Learn how to simplify, clarify and write for your target audience in a concise and convincing way.

Effective Meeting Skills (April 3)

Frustrated by meetings that seem to go nowhere? Whether you are the meeting leader or a participant who wants to make a more constructive contribution, this workshop will assist you to develop the skills to make your meetings more productive.

In response to an academic survey conducted last year, the following workshops have been scheduled for academic staff to address the specific areas identified in the survey.

Conflict Resolution in an Academic Setting (March 31)

Professor Ingrid Moses (University of Technology) and Emeritus Professor Ernest Roe will present this one-day seminar. Using case studies from an academic setting the presenters will look at the definition of conflict, disagreeing diplomatically, types of conflict behaviour and techniques for resolution.

Research Leadership (April 7)

This seminar will be presented by Professor Ron Johnston from TASC and address current issues surrounding research in an academic institution – creating an innovative organisation, improving creativity, managing research projects, determining industry needs, consultancies and patents.

Blue nomination forms to Shirley Jorgensen (Personnel). Inquiries, extension 3946.

Farewill Lunch to Flora Hutchison

Flora Hutchison is retiring from the Univeristy after over 11 years' service.

Although Flora will be leaving her full-time job in Administration, I am sure that we shall continue to see her around the campus, ushering groups of 'Golden Oldies', and at the many social events which Flora always worked for and supported.

To enable her many friends to say a formal farewell, a lunch will be held in the Kemira Room of the Union at 12.30 pm on Thursday March 23. The cost will be \$13 per head; this will also contribute to a gift.

Please complete the slip below and return (with cash) to Ian Lowe, Central Registry, by Thursday March 16.

Name:.....

Amount enclosed: Department



*New staff member Lynne Short.
Lynne is Faculty Officer in
Engineering*

Payment of Higher Education Contribution Scheme (HECS) – Staff Members

The Branch is investigating the possibility of staff members, required to pay the Higher Education Contribution being able to increase their levels of taxation deduction as partial, progressive payment of the HECS.

It appears at this stage that considerable time and effort will be necessary to produce new programs to amend the payroll program, and that it may not be feasible. As soon as possible, staff will be informed of developments. In the short-to-medium term however it is suggested that staff make their own arrangements.

Inquiries to Ross Walker, extension 3929.

Retirement Preparation Seminars

Retirement Preparation seminars have been conducted for State Superannuation Fund members (now incorporated under the administration of the newly established State Authorities Superannuation Board) in Sydney and some country locations since 1973.

Each seminar extends over two days and sessions cover both social and financial aspects of retirement. Topics covered include health, investment, roll-over option, taxation, estate matters and superannuation.

A number of seminars were held during January 1989, at the Board's office, 1 Margaret Street, Sydney. Seminars have also been scheduled for the following country centres:

- Wagga Wagga - March 30/31
- Wollongong - April 13/14
- Newcastle - May 10/11
- Bathurst - June 29/30
- Newcastle - July 6/7
- Armidale - September 28/29
- Lismore - October 5/6
- Newcastle - November 15/16

Fund members who have been identified as being within two years of normal retirement age have been contacted in writing by the Board and invited to nominate to attend a seminar.

Any fund member who is contemplating retirement in the near future, including early voluntary retirement or ill-health retirement, and who has not been contacted by the Board, is invited to nominate by writing to the Secretary, State Authorities Superannuation Board, PO Box C358,

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 Kim Roser (ext 3201). Intending applicants are reminded that all research applications must be forwarded through the Office of Research and Postgraduate Studies.

Australian Water Research Advisory Council

The AWRAC has invited applications for water research funding. Proposals must fall within one of the following programs:

National Priorities Program – funding for maximum of three years in areas of national priority identified by the AWRAC.

Partnership Research Program – funds provided under this program must be matched by a third party and must be for a new (not continuing) project.

Scientific Merit Program – limited funding will be available for research of a fundamental nature.

Research Fellowships – fellowships are available to people holding PhD or equivalent qualifications or research experience and who have fewer than five years post-doctoral experience. Fellowships are tenable for three

Clarence Street, Sydney 2000, or by telephoning the Seminar Booking Officer on (02) 238 2599.

Special leave to attend is available for other than teaching staff (subject to employer convenience) and officers should ensure that leave has been approved.

It is emphasised that nomination to attend a Retirement Preparation Seminar does not commit a fund member to retire at a particular time. Arrangements for retirement should be made with individual departments once firm plans have been finalised.

Tax File Number

Recent Government legislation requires all employees to provide their employers with their Tax File Numbers.

By 1 April 1989 all employees are required to complete an Employment Declaration and the Tax File Number is to be shown on that Declaration. The previously submitted Income Tax Instalment Declarations will cease to have effect from that date.

If you do not complete an Employment Declaration...

An employee who does not complete an Employment Declaration or who does not quote a Tax File Number, will be taxed at the top marginal rate plus Medicare levy, approximately at tax rate of 50 per cent.

If you have a Tax File Number but cannot find it...

If you do not have a Tax File Number...

If you are not sure if you have a Tax File Number...

You should fill in a *Tax File Number Application/Enquiry* form immediately and lodge it at your nearest Post Office. You should then fill in an *Employment Declaration* and indicate you have lodged the application/enquiry form. The *Employment Declaration* should be lodged with the employer, (i.e. with the Salaries section). When both of these actions have been taken you will be taxed at the reduced rate for a period of 28 days. Within this 28 days you should receive notification from the Taxation Office of your Tax File Number. If you do not pass this information on to the Salaries section the section will be legally obliged

years with a salary in the range of \$29,632 to \$32,127.

Water Industry Research Awards – are available for full-time study to undertake a PhD or Masters in a field of water research.

Eminent Researcher Award – to facilitate a researcher who has demonstrated significant achievements in water research who would benefit from a period of full-time, high-level research activity, to undertake research unencumbered by institutional commitments.

Applications for fellowships close with the University on April 14.

Scholarships and Prizes

Rudi Lemberg Travelling Fellowship

The Australian Academy of Science has called for applications for the Rudi Lemberg Travelling Fellowship. The Fellow may be drawn from any field of biology but special consideration will be given to bio-chemistry, conservation and the Australian flora – areas in which Professor Lemberg had an especial interest.

Fellowships are awarded to enable overseas scientists to visit Australia and Australian scientists to spend time within Australia visiting scientific centres and delivering lectures.

Applications close with the University on April 16.

to tax you at the higher rate at the end of the 28-day period.

Employment Declaration forms are available on campus, as well as at Post Offices. The Tax File Number Application/Enquiry form is available only at Post Offices.

Please remember it is your responsibility to supply the above information by 1 April 1989. It will assist the Salaries Section staff if you could get this information to them as soon as possible.

If you require further information please contact the Salaries Section, Personnel Services Branch or the Tax File Number Hotline on 008 033476.

Academic Staff Recruited From Overseas

Academic staff who have entered Australia on a Temporary Residence Visa should note that there has been a change to policy regarding the employment of dependants.

Dependants are now able to undertake paid employment, and a variation to status can be approved by the Wollongong office of the Department of Immigration, Local Government and Ethnic Affairs, without payment of a fee.

Further information is available from Ross Walker or Irene Burgess, ext 3934/3202.

The University Gazette

As last year the *University of Wollongong Gazette* will appear four times, with the first issue scheduled for publication on May 20. Thereafter issues will appear on July 20, September 20 and November 20. Some 9,000 copies of the *Gazette* are printed.

Contributors might note that closing date for material is 30 days ahead of publication dates.

This year there will be change of format. The *Graduates Gazette*, formerly produced separately but posted with the *University Gazette*, will be incorporated into the *Gazette* as a four-page section.

Seminars

School of Learning Studies – Session 1

All sessions are on Wednesdays at 12.30 pm in Room 21.104. Coffee and tea provided

Date: March 15

Topic: *Thatcher's Britain and Educational Parallels in the Dawkins Agenda.*

Panel: A/Prof Tony Fielding, Dr Jenny Jones, Dr Michael Wilson, Mr Bill Winser.

Date: March 22

Topic: *Intertextuality: Echoes of Mark Twain in Australian Children's Literature.*

Speaker: Mr Michael Stone.

Date: April 12

Topic: *Secondary School Vocational Education: The Papua New Guinea Exercise.*

Speaker: Dr Michael Wilson.

Date: April 19

Topic: *Some Curriculum Issues in the New Syllabus Document 'Contemporary English' and 'Writing K-12'.*

Panel: Dr Ted Booth, A/Prof Brian Cambourne, Dr Anne Cranny-Francis.

Date: April 26

Topic: *Using Systemic Linguistics in Education: A New Imperialism?*

Panel: Ms Beverly Derewianka, Ms Jenny Hammond, Ms Jan Wright.

Date: May 10

Topic: *Solidarity, Power and Intimacy in Physical Education Lessons.*

Speaker: Ms Jan Wright.

Date: May 17

Topic: *Telling Lives or Lively Telling? Biography and History of Education.*

Speaker: Dr Noeline Kyle.

Inquiries to Bill Winser, ext 3963.

Education and Industry Collaboration – a time to act

A major national seminar will be held by the Western Australian Post-Secondary Education Commission on Tuesday and Wednesday April 4 and 5. The aim of the seminar is to attempt a closer relationship between industry and education at all levels. Speakers with distinguished national and international records in education and industry have been assembled to stimulate discussion and focus debate.

The seminar is built round four inter-related modules:

- School/Industry collaboration focus;
- Higher Education/Industry collaboration focus;
- TAFE; Vocational Education/Industry training collaboration focus; and
- Research (TAFE; Higher Education)/Industry collaboration focus.

Venue is The Orchard Hotel, Perth.

Registration forms from WAPSEC, PO Box 135, Nedlands, WA 6009 or telephone Peter Rose (09) 389 0200 or fax (09) 389 8182.

Electrical and Computer Engineering

Staff/Post-graduate Research series.

Date and Time: Monday March 20, 3.30 – 4.30 pm.

Venue: Room 20.5.

Topic: *Forced Low-frequency Oscillations in Electric Energy Systems.*

Speaker: Mr F. Coowar.

Department of Accountancy

Seminars have been scheduled for March and April of this session. All seminars are held in the Social Sciences Building, Room 2001, in the Department of Accountancy starting at 11 am.

Date: Friday March 17

Topic: *Integrative Effects of Evaluation Style and Organisational Structure Characteristics of Autonomy and Interdependence on Subunit Managerial Performance.*

Presenter: Mr Hai Yap Teoh, Department of Accountancy.

Date: Friday April 14

Topic: *Growth of Small Manufacturing Business in Sri Lanka.*

Presenter: Dr H. Wijewardena, Department of Accountancy.

Date: Friday April 28

Topic: *Cognitive Style as a Factor in Accounting Students' Performance in Multiple Choice Examination.*

Presenters: Mr Robert Shanon and Mr Hai Yap Teoh, Department of Accountancy.

Everyone interested is cordially welcome. Inquiries to Hai Yap Teoh, tel. 27 0625.

Department of Mechanical Engineering

Topic: *Engineering Research and Development in the Coated Products Division of BHP Steel International*

Speaker: Hon A/Prof K.J. Enever, Department of Mechanical Engineering, The University of Wollongong.

Date and Time: Wednesday March 15, 11.30 am

Venue: The University of Wollongong, Building 8, Seminar Room.

Topic: *EHD Enhancement of Heat Transfer.*

Speaker: Dr Paul Cooper, Lecturer, Department of Mechanical Engineering.

Date and Time: Wednesday March 22, 11.30 am

Venue: The University of Wollongong, Building 8, Seminar Room.

Concerts, Exhibitions and Entertainment

City of Wollongong Symphony Orchestra

The City of Wollongong Symphony Orchestra will present its first 1989 subscription concert at the IMB Theatre, Illawarra Performing Arts Centre, on Saturday March 18 at 8 pm. A 'Mostly Mozart' presentation, the program includes that composer's Adagio and Fugue in C Minor for strings K.546, his Symphony No.30 in D, K.202 and the Flute Concerto No.1 in G, K.313, in which the guest soloist will be Emma Knott, the young local virtuoso who will be making her CWSO concerto debut. Also on the program will be a short Sinfonie by C.P.E. Bach.

Emma Knott recently graduated from the University of Wollongong with a Master of Creative Arts in Musical Performance, having previously studied with Gerard Mallon at the Queensland Conservatorium during her Bachelor studies. In 1988 she was principal flute in the CWSO.

Subscription tickets to the four-concert season are still available, and these represent a saving of around 25 per cent on single-concert prices. Single tickets for the 'Mostly Mozart' event are on sale, subject to availability at the Performing Arts Centre's box office, telephone (042) 26 3366. Adult, concession and family-of-four prices are \$15, \$11 and \$33 respectively.

All inquiries to the Performing Arts Centre.

Advertisements

THERAPEUTIC MASSAGE

Twenty per cent discount – Introductory offer until March 22. Rates \$20 per half-hour, \$30 per hour. John Avery, Sports and Recreation Centre. Ext 3361, 3362.

FOR SALE

Boat, 4.05 m, with trailer, back-to-back seats, front controls, with extras, \$1500. Ph 28 5521

Falcon XT 1969 manual sedan, \$750 ono. Ph Mark 27 0939 or 29 8057.

FLAT MATE WANTED

To share sunny town-house. Suit student, study as well as bedroom available. Furnished. Two blocks from Bulli beach. Off-road car space. \$60 per week. Ph (042) 84 2298 or (02) 522 4118 and ask for Jo.

WOMAN TENANT PREFERRED

One-bedroom flat, \$90 a week. Chellowdene Ave, Stanwell Park. Inquiries, Barbara Lepani, TASC, ext 3639 or phone 94 1469.