



A TIDE IN THE AFFAIRS OF UNIVERSITIES...

The Vice-Chancellor Professor Ken McKinnon delivered the introductory address on Wednesday September 23 at the series of eight workshops for University researchers. The series is organised by TASC for the Board of Research and Postgraduate Studies.

The Vice-Chancellor warned the staff to prepare for an impending era of change. 'There is a tide running in the affairs of universities overseas which, judging by the recent statement by Mr Dawkins (Employment Education and Training), has clearly reached these shores and will run higher and more fiercely than it has in other countries'.

Professor McKinnon stressed the need for universities to adjust to the demands of government for more students, more productivity, improved efficiency, possible further amalgamations, offering only appropriate courses and avoiding duplication. This would broaden the role of universities and force them to adopt a less elitist attitude in their curricula.

Attitudes, processes and structures will be changed by government action. 'This is the most determined government I have seen in 35 years of working closely with governments,' he said.

The Vice-Chancellor, who in past months has visited universities in Britain and Europe, commented that he had been particularly struck by the improved outlook and morale among UK academics who, only four years ago, were negative about the future of their institutions because of the Thatcher government's cuts in funding. Now, many of these institutions were flourishing centres of research and development many with close involvement in commercial ventures.

Being a university in the process of establishing its reputation, The University of Wollongong would have to be quicker, and better prepared, to profit from change.

THIS WEEK'S GRADUATIONS

There will be two graduation ceremonies this week in the Union Hall. Details are:

2.30 pm Thursday October 8

All degrees and diplomas in
Arts, including Creative Arts and Master of Studies degrees in Arts Departments.
Commerce, including Management, Occupational Health and Safety, School Administration.
Mathematical Sciences, including Computer Science.

Occasional Address to be given by Mr F. Hilmer, Managing Director, McKinsey and Co. Inc. and member of CTEC.

10.30 am Friday October 9

All degrees and diplomas in
Education, not including School Administration
Engineering, including Metallurgy and BMath/BEng Science.

Guest speaker: Mr Robert Winder, Director General Department of Education.

Information about graduands

Academic staff can sometimes be of assistance in the University's public relations activities in relation to Graduation by supplying information which can be used in our own publications or in press releases. If you are aware of details which may be useful (e.g. two members of the same family graduating, graduands who are well known in other fields; or academic details of special interest) please contact Gillian Curtis on extension 3926.

Parking restrictions:

Staff are advised that parking restrictions will apply within the Union car park and the Administration car park on graduation days.

P.G. Wood
Assistant Secretary
Academic Services

Research and Entrepreneurship

Week 3 Workshop

Wednesday October 7

Illawarra Technology Centre 5.30 to 7.30 pm

Topic: Interaction with Government and
Community Organisations

- Demand for social science research from community organisations, industry and the three levels of Government.

- The roles of consultants and universities

Speakers

Nicholas Clarke, Nicholas Clarke and Associates

Michael Gross, Executive Assistant to the Lord Mayor, Wollongong City Council

General Notices

A NEW BOOK LAUNCHED

Inventing Countries, which is edited with a critical introduction by William McGaw of the English Department, was launched by the Vice-Chancellor, Professor Ken McKinnon, on Thursday September 10. The function was sponsored by The South Pacific Association for Commonwealth Literature and Language Studies (SPACLALS) of which Mr McGaw is the new Chairman.

Inventing Countries: Essays in Post-Colonial Literatures is a special book-issue of SPAN, the biannual journal of SPACLALS. It is a collection of 13 essays which were originally delivered as papers at the fourth conference of SPACLALS held at Massey University, Palmerston North, New Zealand, in February. The writers, discussed from a variety of critical perspectives, come from Australia, New Zealand, South East Asia, India, Africa and the Caribbean, and include Patrick White, Christina Stead, Louis Nowra, Witi Ihimaera, Keri Hulme, Raja Rao and Ruth Praver Jhabvala.

The book launch is a significant event in the Department of English as it is a first venture into desk-top publishing, something that it is hoped will be expanded considerably in the next few years both with SPACLALS and with the New Literatures Research Centre.

The Vice-Chancellor was warm in his endorsement of the venture and expressed a wish both for the academic and commercial success of this book and for future publications. Mr McGaw, in thanking the Vice-Chancellor, said that, as well as publishing SPAN, SPACLALS aimed to play a significant entrepreneurial role in the New Literatures by publishing works by indigenous writers.

Copies of *Inventing Countries* may be purchased in the English Department from Dr Paul Sharrad, Secretary of SPACLALS, at \$10 each.

ANALYTICAL SYSTEMS DEVELOPMENT PTY LTD

Analytical Systems Development Pty Ltd (ASD) is a company now established within the Technology Centre at The University of Wollongong.

The prime function of the company is to identify and commercialise innovations in the area of analytical instrumentation.

Many current innovations have arisen from previous work in Dr G. Wallace's (Chemistry Department) research group. Dr Wallace has previously been involved with the development of an on-line HPLC system (THE METSCAN) which was developed into a commercial prototype by the Department of Defence Support. The instrument is suitable for analysis of a range of species in complicated matrices such as process streams in zinc or nickel refinery or in biological matrices such as urine.

While working in Europe Dr Wallace was also involved with the development of a portable Voltametric analyser (PORTAVOLT). It is suitable for field analysis during environmental studies or on-site industrial analysis. This instrument will be launched on the market soon. A portable sampler (AEDA) and various sensors as well as chromatographic accessories are currently at the development stage in the Chemistry Department laboratories.

Dr Wallace maintains active collaborative research and commercial contacts with individuals and instrumentation companies in Europe, United States, China and Australia.

ASD is currently seeking developments in other areas of the University, linked to analytical instrumentation, which may have commercial potential. ASD has the in-

frastructure necessary to ensure the rapid development of new ideas into commercial reality.

If you have a new analytical measuring system please do not hesitate to contact us now. We will ensure that if commercial feasibility is established there will be a minimum time lag in getting your technology to the market place both in Australia and overseas.

Further information from Dr G. Wallace, Analytical Systems Development Pty Ltd, The Illawarra Technology Centre Ltd, PO Box 1144, Wollongong NSW 2500.

Tei: (042) 270504 Fax: (042) 272171.

WOLLONGONG SUPERDOME KICKS OFF

The Deputy Vice-Chancellor of the University of Wollongong (Services and Development), Professor Peter Rousch, has announced that a committee has been established to develop a blueprint for the acquisition of funds to build a multipurpose sports stadium in Wollongong. The stadium has been proposed for the land embracing Brandon Park and the University's Campus East (the former Fairy Meadow Migrant Hostel).

The composition of the committee is:

Alderman Frank Arkell, Lord Mayor and Member for Wollongong.

Professor John Bloomfield, Chairman Australian Institute of Sport and Professor Human Movement Science University of Western Australia

Mr Jerry Ellis, General Manager BHP Slab and Plate Division

Mr Paul Devine, Financial Director Illawarra Cross Country Hawks

Mr Harold Hanson, Chairman Leisure Coast Tourist Association Limited

Mr Laurie Kelly, Member for Corrimal, Chairman Brandon Park Trust

Mr Stephen Martin, Member for Macarthur

Professor Peter Rousch.

For further information contact Professor Rousch 270960.

VISITING PROFESSOR IN ECONOMICS

Professor C.H. Hanf of the University of Kiel is currently a visiting Professor in the Department of Economics for a period of nine weeks. Professor Hanf is a highly distinguished agricultural economist and has published widely in the areas of operations research, risk and uncertainty, and agribusiness. He was also President of the European Association of Agricultural Economics. During 1985/86 he held a dual professorship as the Professor of Agricultural Economics at the Universities of Kiel and Vienna.

Professor Hanf is currently engaged in collaborative research with Dr Dodo Thampapillai on the economics of energy resources. This research is an extension of the work which Professor Hanf and Dr Thampapillai have already published concerning energy policy in the EEC.

VISIT TO CANADA BY DR THAMPAPILLAI

Dr Dodo J. Thampapillai, Senior Lecturer in Economics, has just completed a three-week visit (August 19 to September 14) to various Canadian universities. His visit was made possible by a Faculty Enrichment Award from the Canadian Department of External Affairs in Ottawa.

The objective of the visit was to formulate a teaching and research program concerning a comparative study of energy resources policy in Canada and Australia. This was achieved by seminars and research discussions at the following universities: Simon Fraser University, University of British Columbia, University of Regina, Queens University, University of Toronto, York University, and the University of Ottawa.

A significant outcome of this visit has been the initiation of two international collaborative research projects. The first involves the formulation and application of operations research models for optimal extraction rates of energy resources (with Professor Philippe Crabbe and Dr Andre Plourde of the University of Ottawa). The second involves the testing of substitution behaviour in consumer theory (with Professor J.L. Knetsch of Simon Fraser University).

Dr Thampapillai also intends to offer a new economics course at the 300 level—Economics of Energy Resources - A Comparative Study of Canada and Australia. Most of the Canadian texts required for this course will be donated to The University of Wollongong Library by the Government of Canada.

ASIA-PACIFIC ENCOUNTER

Tuesday, September 22, was out of the ordinary in the literary history of this university. Two writers, one from Singapore and the other from Papua New Guinea, met to read their work to a lunchtime gathering of English and Creative Writing students and interested staff.

Nora Vagi, now working in Canberra with PNG trainee teachers, grew up in a village complex in Port Moresby and saw many transitions from traditional to modern lifestyles as her nation moved towards Independence. Her poetry and plays celebrate oral traditions and ask questions about the values and direction of contemporary society. She has been a leading actress and producer with the National Theatre Company, has edited a PNG issue of the Pacific literary journal *Mana*, and is widely anthologised. Titles such as *Which Way Big Man?* and *The High Cost of Living Differently* express something of her concerns, though these are always raised through light and witty humour.

Also prone to the slyly pointed joke is Dr Kirpal Singh. He worked at the University of Papua New Guinea for almost two years and is based at the National University of Singapore where he has been a gadfly promoter of Singapore writing in English. Kirpal read from his several collections of verse and provided some wry views on Australian society reflecting his time as Visiting Fellow at the University of Wollongong this semester.

The reading was organised by Ron Pretty of SCAW and by the English Department. Nora's visit stems from the interest of the New Literatures in English Research Centre in promoting study of post-colonial writing, especially from countries in our immediate vicinity. In this context, Nora Vagi also gave a talk to third-year English students reading two PNG novels as part of the 'Cross-cultural Perspective' course run by Kirpal Singh and Paul Sharrad.

NEW MEDICAL CENTRE OPEN

The University Medical Centre is now open on level one of the Union Arcade. Dental and Doctors, surgeries are open Monday to Friday, 9 am to 5 pm. For appointments phone 262199 or call in.

ASTRONOMICAL ASSOCIATION OF QUEENSLAND FUNDING FOR ASTRONOMICAL RESEARCH

The Edward Corbould Research Fund has been established to encourage and assist astronomical research by Australian amateur astronomers and students. Funds will generally be available annually and disbursed with advice from a research committee appointed with the approval of CSIRO Australia. A sum of \$5000 will be available from 1 July 1988 for the first year.

Applications are invited from amateur astronomers and postgraduate students at tertiary educational institutions before 28 February 1988. Application form and further information are available from the General Secretary, Astronomical Association of Queensland, PO Box 101, St. Lucia, Q 4067.



'Asia Pacific Encounter' — two writers, one from Singapore and the other from PNG, meet on campus — Nora Vagi and Kirpal Singh

DATA BASE FOR NORTHERN TERRITORY

The University College of the Northern Territory has established a data base in which details of research-in-progress on North Australia and Aboriginal topics will be included.

The data base will provide a tool for discovering what is currently being researched and by whom. It will offer a multifaceted search facility and the intention is to produce printed listings on specific fields and to do a complete microfiche edition on a regular basis.

Scholars working on North Australia, (ie, North of the Tropic of Capricorn but including all the Northern Territory), and Aboriginal studies are invited to send in details of their current research.

A questionnaire for this purpose can be had on request from Alan Butler, College Librarian, University College of the Northern Territory (UCNT), GPO Box 1341, Darwin, NT 5794.

SELF STUDY COURSES BY AUDIO' VIDEO AND COMPUTER

Available from the Centre for Continuing Professional Education

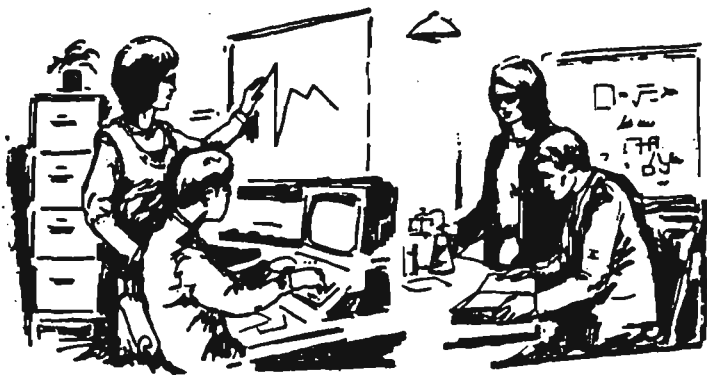
These self-study packages are excellent for anyone wanting to gain knowledge on a range of subject areas. Particularly suited to the busy professional, they are a time-and-cost-efficient way of keeping up to date with the latest information in many fields.

Attractively packaged in convenient binder format, Continuing Education self-study courses are a 'must' for anyone with the interest and motivation to undertake further education.

Courses are available under The Arts, Computing and Information Systems, Education and Child Development, Health, Medical and Social Issues, Law and Commerce, Management and Business, Engineering and Science, and University Preparation Courses.

An attractive brochure on Self-Study courses is available from The Centre for Continuing Professional Education. Telephone 270484 (3484).

University Open Day
Sunday October 11-10am to 5pm



Staff Roundup

HERE'S YOUR CHANCE!

Are you interested in general staff training and development? Well, here is your chance to become involved.

A Staff Training and Development Consultative Committee is being established with the following objectives:

- determine training and development needs
- provide advice on training programs
- analyse training and development issues
- consider training and development policies
- make recommendations for human resource development

It is expected that the committee will have representation from the various groupings of general staff on campus. These groupings have initially been identified as:

Administrative and Clerical; Computing; Library; professional; Research Assistance; Secretarial; Support (maintenance, security, cleaning, attendants, landscape, etc); and Technical.

Accordingly, nominations from persons interested in representing staff from their grouping are being called for. Nominations should be made, in writing, to the Staff Training Coordinator, identifying name, department, grouping the nominee wishes to represent, and any other details which demonstrate the nominee's interest in staff training and development.

Nominations close October 30.

Further details: Wendy Raikes, ext 3946.

SUPERVISORS OF CASUAL STAFF

To assist supervisors of casual staff in monitoring the casual staff payments a report will be generated each fortnight for departments showing those casuals whose authority has reached 75 per cent of the commitment value.

This report provides a number of useful details but most importantly highlights the amount which is still available for the casual employee.

The action(s) required by the Supervisor on receipt of the "Casual Authorities 75 per cent Expired Report" then is:

i) If there is no intention to extend the period of employment

Ensure that the casual employee does not work beyond those hours that have been committed. The report indicates the amount of money remaining for the employee.

ii) If the department wishes to extend the period of employment

Submit a new authority for the desired extension and quote the order number of the previous authority.

iii) If the employee will not be working for any further

period and there are hours remaining on the authority Send a written request to Mr Ted Ross, Budgets Officer, to cancel the authority. This will have the effect of releasing those funds for the department's use.

DEVELOPMENT LEAVE 1988

Applications for Development Leave during 1988 close on October 15 this year.

The Development Leave for General Staff Scheme has been operating for three years now, with a total of ten staff having participated. Development Leave may be taken either in Australia or overseas, and is intended to enable a staff member to complete a program of study and/or visits of mutual benefit to both the staff member and the University. Generally, the period of leave will not exceed three months. A contribution to travel and other costs may be available.

As a limited number of awards are available each year, the scheme is a competitive one. Applicants must be able to demonstrate substantial benefits from the proposed Development Leave program.

Full details of the terms, conditions and requirements of applications for Development Leave are available from Wendy Raikes, ext 3946.

CHRISTMAS/NEW YEAR HOLIDAYS - 1987/88

The University will be closed from Friday December 25 to Friday, 1 January 1988 inclusive for the observance of the following holidays.

Friday December 25 Christmas Day Public Holiday

Saturday December 26 Boxing Day Public Holiday

Sunday December 27 Normal Weekend Day

Monday December 28 Additional Public Holiday

Tuesday December 29

Wednesday December 30 University Concessional Days

Thursday December 31

Friday 1 January 1988 New Year's Day Public Holiday

The University concessional days mentioned are granted in accordance with agreements between the University and the General Staff Unions, which provide that the days falling between Christmas Day and New Year's Day which are not gazetted as Public Holidays in the State of NSW are granted as University concessional holidays.

Staff who are required by the University to work on those days granted as university concessional days will be granted the same period off duty at a mutually convenient time within the ensuing two months.

Staff members working under Award 19-day four-week arrangements whose rostered day off would normally have fallen within the close-down period should arrange with their supervisor to take their day off either before December 25 or during the first week in January 1988.

NEW TRANSPORT ALLOWANCE

The transport allowances have recently changed with the new rates as follows:

Engine Capacity	Rate
Over 1600 cc	24.1 cents per kilometre
1600 cc and under	20.2 cents per kilometre

Further details: Peter Maywald, ext 3798.

SUPERANNUATION INQUIRIES

Staff wishing to make inquiries should contact Barbara Smith in the Salaries Office. Barbara is available Wednesday to Friday (2pm to 4pm) on ext. 3914.

STAFF CHANGES

New Starters

Ms K.K. Slabb, Laboratory Assistant, Psychology

Mr M.J. Peacock, Attendant (cleaning), Maintenance and Services

Mr D. Davidson, Attendant (cleaning), Maintenance and Services

Mr R. Razzino, Attendant (cleaning), Maintenance and Services

Mr M. Lemme, Attendant (cleaning), Maintenance and Services

C. Williams, Attendant (cleaning), Maintenance and Services

Mr T.F. Halloran, Project Officer, Health Sciences

Mrs D. Whillock, Attendant, Business Services

Dr M. Jabri, Lecturer, Management

Mr R. Hood, Research Officer, Centre for Study of Work and Labour Markets

Mrs P. Webster, Senior Administrative Officer (Careers and Appointment Officer), Student Services

Mr T. James, Graduate Assistant, Planning and Marketing

Mrs K. Gamble, Secretary, Mathematics

Departures

Ms S. Smith, Manager, Financial Services

Miss R. Davitt, Maintenance Assistant, Buildings and Grounds

Mrs B.K. Pyne, Research Assistant, Education

Mr W.H. O'Neill, Lecturer, Health Sciences

Mr T. Hawker, Administrative Officer, Financial Services

Mr R. Favorito, General Library Assistant, Library

Ms A.J. Teesdale, Secretary, Sociology

Ms J.A. Jakeman, Graduate Assistant, Student Services

Mrs M.J. Olde-Olthof, Cleaner, Maintenance and Services

Ms J. Ferguson, Library Assistant, Library

CURRENT VACANCIES

* Professional Officer Grade 1, Science and Technology Studies, closing date October 9

* Administrative Assistant Grade 1/2, Financial Services closing date October 9

* Office Assistant, Financial Services, closing date October 9

* Word Processor Operator, Geology, closing date October 9

* Patrol Officer, Buildings and Grounds, closing date October 9

* Research Assistant, Psychology, closing date October 9

+ Lecturer in Accounting, (tenurable or limited term 4 years), Accountancy and Legal Studies, closing date October 21

+ Lecturer/Senior Lecturer in Creative Writing (tenurable or limited term 4 years), Creative Arts, closing date October 21

+ Lecturer in Anatomy and Physiology (tenurable or limited term 4 years), Health Sciences, closing date October 21

+ Lecturer/Senior Lecturer in South East Asian History (tenurable or limited term 4 years), History and Politics, closing date October 21

+ Lecturer (limited term 4 years), Sociology, closing date October 21

+ Lecturer in Industrial Relations (tenurable or limited term 4 years), Economics, closing date November 20

+ Lecturer (2 positions) (tenurable or limited term 4 years), Electrical and Computer Engineering, closing date November 20

+ Lecturer/Senior Lecturer in Sports Psychology (tenurable or limited term 4 years), Health Sciences, closing date November 20

+ Lecturer (tenurable or limited term-of up to 4 years), Mechanical Engineering, closing date November 20

+ Lecturer (tenurable), Metallurgy and Materials Engineering, closing date November 20

+ Lecturer (2 positions) (limited terms 4 years), Psychology, closing date November 20

+ Professor of Italian, Department of Languages, closing date December 15

Further details: For those vacancies marked *, Gary Graham, ext 3935. For those vacancies marked +, Ross Walker, ext 3934.

Letter to the Editor

WHITHER THE WEATHER STATION

SIR!

I wish to correct the article 'Weather Station' which appeared in *Campus News* for September 22. It was stated that the weather station was moved to the north-west side of campus 'replacing the cricket batting practice nets'. This is not the case.

Only one of the four cricket practice wickets was lost. As part of the project costs, the remaining three received new wire netting and, in addition, wire netting was provided to the ends of the netball courts.

The movement of the weather station to the new location and its effect on the cricket nets and netball courts were discussed fully with the Faculty of Education and carried out with its full agreement.

K.E. Turnbull
Manager,
Buildings and Grounds

SIR!

MORE FLAK FOR 'NEW ERA FOR POLITICS'

I read with interest and re-read with dismay the front-page story in *Campus News* of September 15, written by Dr Marengo and entitled 'New Era for Politics at University of Wollongong'.

In the last three paragraphs I learned that Australian citizens were all men and that their society was growing "everyday economically more equal", and that, quite obviously, "the role played by ideology has been steadily declining" and presumably is being replaced by scientific statements like these.

Well done, Dr Marengo! A 'new era for politics' indeed!

Mike Donaldson
Sociology

EEO news...

PEG IS IN CANADA

By the time you read this Peg will be in Canada on four weeks recreation and development leave. She will be back in the office, jet lagged no doubt, on Monday November 2, having arrived back into the country on Sunday the 1st. The EEO Unit will function in her absence with myself and Janet Sturman holding the fort.

Another exciting piece of news! Kathy Rozmeta returns to work on January 18, and you will have two EEOCs as she and Peg will be job sharing for ten months until mid October 1988.

We are all pleased that the University administration looked with favour on the proposal to job share. They probably know they will get a full week's work out of both of them, in the two and a half days each is on deck every week.

Faye Franklin
EEO Administrator
Ext 3917/3030

Research Funds

The sources of research funds given below are now available to members of academic staff. Further information including application forms may be obtained from Annette Read (ext 3386) or Ian Strahan (ext 3079). Intending applicants are reminded that all research applications must be forwarded through the Office of Research and Post-graduate Studies.

TELECOMMUNICATIONS AND ELECTRONICS RESEARCH

The Australian Telecommunications and Electronic Research Board (ATERB) has invited applications for Postgraduate Scholarships and Project Grants. Nominations for the ATERB Medal and a gift of \$2500 in recognition of outstanding research in the field of Telecommunications and Electronics are also invited.

Applications close with the University on October 19 for Scholarships, and November 16 for the Medal and Grant.

FORESTRY RESEARCH GRANTS

The Australian Academy of Science has invited applications for the Maxwell Ralph Jacobs Fund to support worthy projects in forestry research and to provide gradu-

ates with support not readily available from other sources. Applications close with the University on October 19.

ROBERT S. McNAMARA FELLOWSHIPS

The World Bank has invited applications for a limited number of fellowships to be awarded for a 12-month period for full-time work in the general field of economic development with special emphasis being placed on topics in technology transfer and real exchange rates.

Applicants are normally 35 years of age or under and have the equivalent of at least a Master's degree. This Fellowship program is not intended to support work leading to an advanced degree.

Applications close with the University on October 19.

RESEARCH ON THE ECONOMICS OF MULTICULTURALISM

The office of Multicultural Affairs of the Department of the Prime Minister and Cabinet is interested in sponsoring research on the economic dimension of multiculturalism, particularly as regards the importance of making optimal use of Australia's human resources.

Applications close with the University on November 16.

Scholarships and Prizes

PREVIOUSLY REPORTED IN CAMPUS NEWS

Name	Internal Closing Date
International Fellowship Program	October 15
Pig Research Council Study and Training Awards	October 16
Pig Research Council - 1988/89 Grants	October 19
Nursing Research Grants	October 19
James N Kirby Foundation	October 19
World Bank Fellowship	October 19
AVCC Visiting Fellowships for Australians	October 19
Forestry Research Grants	October 19
ATERB Scholarships	October 19
Robert S McNamara Fellowships	October 19
AINSE Research Grants	October 23
Commonwealth Postgraduate Scholarships (Research Awards)	October 31
Edinburgh Institute - Humanities Visiting Research Fellowships	November 16
Sports Medicine and Science - Fellowships and Postgraduate Scholarships	November 18
Wool Research Grants	November 23
Australian Special Rural Research Fund	November 30
Wellcome Australia - Medal and Award	November 30
Field Sciences Research Facility	November 30
Jamieson Awards for Outstanding Women Graduates	December 11
Education Fellowships	December 14
Pure and Applied Science in Engineering Research Scholarships	March 21
Rutherford Scholarship	March 21
Field Sciences Research Facility	March 31
Clive and Vera Ramaciotti - Travel Grants	Any time
Earthwatch	Any time
Criminology Research	Any time

SMALL GRANTS FOR POSTGRADUATE WOMEN

The Australian Federation of University Women-NSW-River Group is able to offer a number of small grants, each not exceeding \$200, to women undertaking study or research leading to a postgraduate degree, in order to provide them with extra monetary assistance for incidental expenses such as typing of material, purchase of a special piece of equipment and/or books etc.

Applicants close with the University on November 4.

FRANK KNOX MEMORIAL SCHOLARSHIPS

The President and Fellows of Harvard College has announced that two Frank Knox Memorial Fellowships will be available for two recent Australian graduates to spend the academic year 1988/89 at Harvard University.

The Fellows will be required to devote the major part of their time to study in one of the schools of Harvard University, viz Arts and Sciences (including Engineering), Business Administration, Design, Divinity, Education, Law, Government and Public Health.

Applications close with the University on October 23.

KOBE STEEL POSTGRADUATE SCHOLARSHIP AT OXFORD - 1988

Applications are invited for the Kobe Steel Postgraduate Scholarship to the University of Oxford. The scholarship has been made available by Kobe Steel, Ltd., a Japanese Company, and is open to graduates of Australian Universities. The Scholarship is available for two years. The successful candidates will be admitted to St. Catherine's College to study a postgraduate bachelor's degree, a master's degree, or towards a PhD degree.

Applications close with Kobe Steel, Melbourne on October 31.

POSTGRADUATE SCHOLARSHIPS IN RURAL RESEARCH

The Australian Special Rural Research Council (ASRRC) has established postgraduate research scholarships to foster research training in the following areas: horticulture (all branches), forestry, cereal crops (except wheat and barley), grain legumes (except lupins, faba beans, field peas), deer, goats, infant industries, and projects of multi-industry importance or national interest.

Applications close with the University on October 26.

Seminars

DEPARTMENT OF GEOLOGY

Dr L. Jacques, Bureau of Mineral Resources: 'Argyle Diamond Deposit of WA'. Wednesday October 7, 4.30 pm. Building 35, Lecture Theatre G19.

THE BRAIN AND LEARNING

Venue: 20.4 (Pentagon 4)

Time: Friday afternoons 3.30–5.30 pm. All welcome.

October 16: "Intensional Knowledge and its Acquisition"
Dr Peter G. Burton, University of Wollongong

The logical possibility of acquiring ordinary intensional knowledge de novo is discussed. Perceptual and conceptual learning will be compared. A psychonomic theory of the brain's operation, capable of explaining primitive learning and primitive action-generation, will be presented.

DEPARTMENT OF PHYSICS – SCHEDULE OF COLLOQUIA

Held in Physics Lecture Theatre (building 18, room 118).

Thursday October 15, 12.30 pm – 4.30 pm – Ms Tracy Fisher – The Effect of Hydrogenation in Semi-Conductors using Photo-Luminescence. Mr Philip Randall – Dust in the Gum-Verla Region. Mr Andrew Warner – Piezo-Transverse Zeeman Spectroscopy of Boron Impurities in Germanium. Honours Students, Department of Physics, University of Wollongong.

DEPARTMENT OF PHYSICS – SCHEDULE OF PUBLIC LECTURES

Held in Pentagon 3 (building 20).

Thursday October 8, 8 pm – Dr John Bell, CSIRO Division of Applied Physics, Lindfield – Applications of High Temperature Superconducting Oxides.

FACULTY OF COMMERCE SEMINARS (ACCOUNTANCY AND LEGAL STUDIES)

Seminar to be held in Room 19.2035 at 11.30 am.

Date: October 16

Speaker: Mr Hai Yap Teoh (Wollongong)

Topic: Foreign Exchange Risk Practices Among Australian Companies.

Ferdinand A. Gul
Seminar Co-ordinator

DEPARTMENT OF BIOLOGY – BIOMEDICAL EVENING SEMINARS 1987

Each Seminar will be preceded by a char grill dinner at 6.30 pm in the Union Bistro. Those interested in attending the dinner should contact Dr E.J. Steele before the designated evening so that appropriate bookings can be made. Seminars will begin at 8 pm in Lecture Theatre G.19,

Building 35. This series is sponsored by the Department of Biology and the School of Health Sciences. The assistance of Dr Stephen Anderson is acknowledged.

Wednesday October 14 – Associate Professor A.J. Husband, Faculty of Medicine, University of Newcastle
– Psycho-Immunology: Bridging the Gap between Mind and Immunity.

Convener: Dr E.J. Steele
(042) 270434

DEPARTMENT OF HISTORY AND POLITICS POSTGRADUATE SEMINARS SECOND SESSION

All seminars in room 19.2004 at 5 pm

October 7 – Norm Neill – Why Study the Bloody Farmers?

October 14 – Michael Chavura – Towards a Study of Calvinism in Australia

DEPARTMENT OF CHEMISTRY SEMINAR PROGRAM SESSION II

All seminars are to be held on Friday in Room 18.111 (Physics) at 2.30 pm

October 9 – Dr Roger Read, University of New South Wales

October 23 – Dr Michael Guilhaus, University of New South Wales – FT Ion-cyclotron Resonance

Dr S.G. Pyne
Coordinator

DEPARTMENT OF BIOLOGY SEMINARS SESSION II

All seminars to be held in Room G19, Building 35.

Tuesday October 6, 4 pm – Mrs Gowrie Thampapillai – Biology MSc Seminars

Tuesday October 13, 4 pm – Mr Patrick Roach, Department of Biology, The University of Wollongong – Use of Cassava tissue culture systems for the study of phytopathogens.

Tuesday October 20, 4 pm – Dr John Pollak, Department of Histology and Embryology, University of Sydney – Assessment of the literature of paternally-mediated effects on reproduction.

Tuesday October 27, 4 pm – To be announced.

SCHOOL OF CREATIVE ARTS

Postgraduate Seminar Friday, October 9

Pentagon 5, 2.30–5.30 pm.

Susan Simon: Research Report on Pacific Island Artists
Dale Woodward and John Terry: The Development of Ebenezer. All welcome.

DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING RESEARCH SEMINARS

Venue for all seminars: Room 35.G45 at 4.30–5.30 pm.

Date: October 12

Speaker: Mr P. Antony

Topic: Microwaves for drying purposes

Date: October 19

Speaker: Professor Hugh Bradlow

Topic: Muscle relaxation computer process control

WRITER'S CLUB ACTIVITIES

Tuesday October 6, 7.30 pm – City Art Gallery. Launch of SCARP 11

Tuesday October 13, 7.30 pm – Writing Room, Gleniffer Brae – Writers' Club Meeting and Writing Workshop

friends Campus Community Interface

CHOPIN SOCIETY RECITAL FOR OPEN DAY

The Friends of The University of Wollongong has brought together the Musical fraternity and the Polish community to form the Chopin Society of Wollongong. It is the second such society in Australia to affiliate with the International Association of Chopin Societies. The other one is in Melbourne.

The Society will sponsor the recital during University Open Day – Sunday 11 October 1986 – from 2 pm to 4 pm in the University Union Hall.

It is possible, provided a sponsor is found, that the renowned Chopin specialist Phillida Green will also perform.

Inquiries to the President of the Chopin Society of Wollongong, Mrs Kathleen O'Sullivan, 166 Brokers Road, Mt Pleasant. Tel: (042) 842206.

Proposed Program

Marnie Ruth Dunstan (Piano)

Etude in *Ab* Major, Opus 25, No.1

Valse in *C//* Minor, Opus 64, No. 2

Noortje Tromp (Piano)

Polonaise in *A* Major

Waltz No.17 in *A* Minor

Janet Morris (Vocal)

Accompanist Noortje Tromp

i) A Maiden's Wish

ii) A Lithuanian Song

iii) My Darling

Jodie Ring (Piano)

Chopin Scherzo No.2 in *Bb* Minor

Etude Op.10, No.12

Amanda Miller (Piano)

Three Nocturnes:

Bb Minor Op.9, No.1

B Major Op.32, No.1

C// Minor (posth.)

Recital Program by Phillida Green to be confirmed.

WHERE WAS GOD AT AUSCHWITZ?

The first Visiting Judaic Scholar of the Friends of The University of Wollongong has been chosen and will soon be here for two visits. The Scholar is Rabbi Raymond Apple of the Great Synagogue, Sydney, and his program of lectures is as follows:

Tuesday October 6 10.30 – 12.30 pm

Building 19, Room 118

First hour: *The Australian Jewish Experience – Old songs in a new land.*

Second hour: *Why I am a Jew*

Tuesday October 13 10.30 – 12.30 pm

Building 19, Room 118

First hour: *Ferments in Modern Judaism*

Second hour: *The Jewish Christian Dialogue – The State of the Art*

Tuesday October 13 12.45 pm

Lunchtime Lecture – University Council Room

Administration Building

Where was God at Auschwitz?

If you want to attend either or both of the morning sessions ring the Religious Studies Co-ordinator, Dr Stuart Pigin, on 270748 or 270675.



Rabbi Raymond Apple

If you wish to attend the lunchtime lecture please RSVP to Giles Pickford on 270073 or 270082.

A donation would be appreciated in the case of the lunchtime lecture as there will be a cost associated with the catering.

Concerts, Exhibitions and Entertainment

STUDENTS OF THE SCHOOL OF CREATIVE ARTS AND THE SRC – OUT INTO DARKNESS

An original Contemporary Rock opera by Terry Moran and Lisa Taylor, *Out Into Darkness*.

Opens Thursday October 15 at The Bridge Theatre at 8.15 pm. The rock opera runs, Friday and Saturday, also at 8.15 pm. Adults \$6, concession \$4. Tickets at door or by ringing Sheila Hall on 270996.

COWIE, COWIE AND COWIE

An exhibition, entitled Cowie, Cowie and Cowie was opened in the Long Gallery of the School of Creative Arts on Tuesday September 29. The opening ceremony was performed by Mr David Dolan, Curator of the Lanyon Gallery.

Open until October 18, the exhibition of paintings is open to the public, Monday to Friday 10 am to 4 pm and on Sunday 1.30 to 4 pm.

ILLAWARRA MUSIC CLUB 1987 CONCERT SERIES

Friday October 30 – Cram House, Crown Street at 8 pm – An Edwardian Evening presented by Peter Roberts.

An evening of pomp and circumstance, of musical recollections of the Indian Empire, of the colonies of King Edward and all that it meant to be 'British'. Parlour songs, a palm court orchestra and other musical ensembles will make this an evening of enjoyment.

SCHOOL OF CREATIVE ARTS

Friday October 30 at 8 pm

SCAW Ensemble conducted by Andrew Ford, Robyne Dunn (soprano), SCARE directed by Vanessa Woodhill John Davie – Konk-tra (first performance)

Peter Maxwell Davies – Suite: The Devils Miss Donni-thorne's Maggot