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1 July 1986

## UNIVERSITY OF WOLLONGONG APPOINTS CANBERRA LIAISON OFFICER

The University of Wollongong has announced the appointment of a Canberra Liaison Officer, Mr Gratton Wilson.

Announcing this, the Vice-Chancellor of the University, Professor Ken McKinnon, stated that Mr Wilson was an ideal appointment to the position.

Mr Wilson retired recently as Corporate Secretary of the CSIRO. He has been a long term resident in Canberra and is well known in many circles in that city.

During his career Mr Wilson was involved in many developments in the CSIRO including the establishment of SIROTECH.

A particular interest of his lies in the areas of development of science policy.

Over the years he has been actively involved with UNESCO.

He has served as Chairman of the Australian National Commission of UNESCO and is now a member of that body.

He has represented Australia at five UNESCO Conferences and is an expert on science and technology policy internationally.

Currently he is a freelance consultant to UNESCO and several other organisations concerned with science policy development.

Mr Wilson has had previous contact with the University of Wollongong in that he has been involved in the development of its Centre for Technology and Social Change which is now undertaking consultancies in Australia and overseas.

He currently serves as a Member of the Advisory Council of that Centre.

Professor McKinnon stated that Mr Wilson's contacts both nationally and internationally will be of significant



Mr Gratton Wilson

### PROFESSIONAL SOCIETIES AND INSTITUTES OF THE ILLAWARRA DISTRICT

Each year several professional societies and institutes operating in the Wollongong area combine to present a meeting of a special significance. This year the Institute of Metals and Materials Australasia have invited Barry Jones MP to be guest speaker.

Topic: Australian Science and Technology: Is Our Future Behind Us?

Tenth Combined Annual Meeting.

Venue: The University of Wollongong, Pentagon 1.

Date: Tomorrow, Wednesday July 2.

Program: 5.30 pm Light Refreshments, 6.15 pm Address, 7 - 7.45 pm Discussion.

value to the University.

Professor McKinnon stated that the University of Wollongong at this stage of its rapid development is seeking to extend its research contract activities both in the public and private sectors.

Professor McKinnon stated that the interest already shown in the University of Wollongong amply warranted the appointment of a Liaison Officer in the A.C.T.

Mr Wilson has opened an office to be known as The University of Wollongong Canberra Liaison Office, Room 7, The Bank Building, Jamison Centre, ACT, 2614. Phone: (062) 516884. Postal Address: Box 170, P.O. Jamison, ACT, 2614.

The office will serve as a focal point for the University's activities in Canberra.

It will also be available for members of staff visiting Canberra for brief periods who could take advantage of its facilities.

Members of staff wishing to make use of the Canberra Liaison Office are asked to contact Professor Ron Johnston of TASC or the Submissions and Research Contracts Officer, Mr Tom Moore.

## General Notices

### AVAILABILITY OF F27 AIRCRAFT FACILITY CSIRO OFFICE OF SPACE SCIENCE APPLICATIONS (COSSA)

The Director of COSSA, Dr Ken McCracken, is seeking to encourage increased non-CSIRO usage of its F27 aircraft.

The current level of subsidy cannot be continued into 1986/87 without reallocation of resources from other CSIRO priority areas.

COSSA has been asked, in particular, to pursue the potential of the aircraft as a space sensor development platform. This would be appropriate both in the context of CSIRO's commitment to space science and technology, and the Government's consideration of the Madigan Report, 'A Space Policy for Australia'.

COSSA is also aware of the operational need for airborne scanners, and would like any comments or suggestions in this regard. Currently the F27 is a research tool, and as such has no operational scanning equipment permanently on board.

At present the major strength of the aircraft is its design and engineering team, which have the necessary skills and authorities to develop and integrate airborne equipment.

The F27 Facility permits experimental sensors to be employed in the various disciplines that are increasingly using remote sensing e.g. environmental studies, oceanography, mineral exploration, range land studies, etc. The aircraft design enables it to be adapted to comply with the requirements of any area under study.

Further details are available from the Research Officer.

### APEX FOUNDATION STUDENTSHIPS

The Foundation is willing to receive applications for studentships from undergraduate tertiary students in Australia who are preparing theses as part of their studies.

For 1987, studentships to the value of \$400 each are available, which money may be applied to either technical or personal expenses.

The conditions are that the subject of the student's thesis must be related to mental retardation, and that the thesis plan has been approved by the Department or Faculty within which the studies are being taken.

Applications should take the form of a letter setting out a description of the studies being undertaken, and a typed copy of the thesis plan, together with a supporting letter from the Head of the relevant Department.

No particular closing date is set for studentship applications, but applicants are urged to submit applications at the earliest possible time.

### WE ARE OFFERING A UNIQUE CHINESE LANGUAGE COURSE

Professors Zhao and Zhang from the Department of Foreign Languages, Beijing University of Iron and Steel Technology, are offering a 40-hour course at the University of Wollongong for academics, business people or travellers who have dealings with China.

The course is designed to provide a brief study of Hanyu Pinyin (the Chinese Phonetic Alphabets), intonation, Chinese four tones as well as being a basic working vocabulary for spoken Chinese Putonghua (Standard Chinese, Mandarin) as a basis for effective communication. It may also be used as a foundation for further study. There are no pre-requisites for this course.

Days and times are: Tuesdays and Thursdays, 7 pm - 9 pm for ten weeks from July 15. Fee: \$200. To enrol

please apply to The Centre for Continuing Professional Education, University of Wollongong, PO Box 1144, Wollongong, 2500, or phone (042) 270531.

### FOUNDATIONS OF MATHEMATICS RESEARCH

From early this month (July) Dr Roger Hindley of University College, Swansea, Wales, and Professor Johnathan P. Seldin of Concordia University, Montreal, Canada, will be visiting the Mathematics Department to work with Dr Martin Bunder.

Dr Hindley's visit is funded by Dr Bunder's ARGS grant and Professor Seldin's is partially funded by the University's Distinguished Visitors Fund.

The three participants are among the world's top experts in Combinatory Logic and Lambda Calculus.

Just as the Physics of Atoms and Molecules form a foundation for the Physical Sciences, Logic and Set Theory form a foundation for Mathematics. Combinatory Logic (or lambda calculus) is an even more fundamental branch of Mathematics, comparable to the study of subatomic particles and forces in Physics.

Interest in this subject, now some 50 years old, has increased recently, particularly among Computing Scientists. One of the oldest program languages LISP, is based on lambda calculus, but many people are now working on 'functional programming languages' that use combinatory logic. It seems that such languages may be ideal for parallel processing, the basis for the 'fourth generation' superfast computers being designed at present. An aspect of this is one of the four areas the group will be studying. Another topic, already partly completed, is the development of arithmetic within combinatory logic.

Dr Hindley and Professor Seldin have an enviable publication record. Besides many papers they were co-authors with H.B. Curry, the 'father' of combinatory logic, of Volume 2 of the 'bible' of the subject, they are co-authors of an introductory book on Combinatory Logic and co-editors of a Festschrift for Curry.

Dr Bunder has spent much of his previous three sabbaticals overseas working with either Dr Hindley or Professor Seldin; he is looking forward to working with them here.

*From left are Dr Roger Hindley from University College, Wales, Professor Jonathan Seldin from Concordia University, Canada, and Dr Martin Bunder of The University of Wollongong. All three are among the world leaders in Combinatory Logic and Lambda Calculus. See 'Foundations of Mathematics Research' above*



*Kendogi seen in action in this picture by Barry Smith. Kendo is practised by members of the Sports Association in the stadium on Friday evenings. Although this martial art is highly popular in Japan, it is relatively new to Australia. There are already however some 30 members in the University class*



## WAY OF THE SWORD ... KENDO

People in the vicinity of the Sports Association Stadium on Friday evenings between 8 and 10 pm will hear strange sounds coming from inside the building. Those inquisitive enough to investigate will see even stranger sights ... Kendo exponents practising their art. Kendo ... the Way of the Sword.

The group, some clad in black Kendogi, move as one, staring fixedly ahead. Metre-long bamboo swords swathe the air, the movements are crisp and precise. The students chant in time in Japanese .. *'ichi..ni..fan..shi..'* practising the traditional movements until the movements become second nature to them.

The Samurai originally sparred with real swords but the participants were often maimed or killed as they strove to perfect their swordmanship. The wooden "Bokan" sword was introduced for practice and more recently, approximately 300 years ago, the split bamboo *Shinai*. Although for much of the training session students wear the light *Kendogi* garb, combat sessions require the wearing of full *Bogu* armour to prevent injury.

As Sensei (Master) Ted Rixon explained:

'Kendo is not a sport, it's a martial art and it starts and ends with courtesy. The class traditionally begins and ends with students bowing to the Kamisa (the motto which means 'In spirit united, in skill opposed'), and their colleagues.'

'Although exponents are graded, unlike other martial arts, the student's proficiency is not displayed by means of a coloured belt or such. You can soon tell how experienced your partner is by the way he fights. Mutual respect is all important; one is taught to admire his opponent as a teacher.

'Although Kendo is very popular in Japan it is relatively new in Australia. In the Australian Championships last year 95 men and 15 women participated.'

Formed earlier this year, the class at the University now boasts more than 30 members, none of whom are women. 'We'd like to have women in the group, Kendo is one of the few sports where strength, weight or gender doesn't make all that much difference. My wife and daughter are both very involved in Kendo. Unfortunately the class is full at the moment, but we should be able to enrol additional pupils in a few months,' added Ted.

## friends Campus Community Interface

### THE FRIENDS CALENDAR

July	
Friday 4	Community Involvement Committee 5.30pm, Town Hall Meeting Room
Sunday 6	High Schools' Chess Tournament 1-4pm, Union Hall
Wednesday 30	Friends Visit to the School of Creative Arts, 12 for 12.30 pm
Thursday 31	Friends Presentation of the Queensland Marionette Theatre to Schools and Friends Members, 11 am and 1 pm, Wollongong Town Hall

### GRADUATES GROUP INFORMATION SERVICE

Situated in Friends House, 49 Northfields Avenue.  
Telephone 270082.

Volunteer graduates will be present between 10 am and 4 pm in accordance with the roster below:

July	
Tuesday 1	Michael Arrighi
Wednesday 2	Sandra Stanley
Thursday 3	Kath Condell
Tuesday 8	Wilma Furlonger
Wednesday 9	Norman Mitchell
Thursday 10	Marjorie Macdonald
Tuesday 15	Margaret Reid
Wednesday 16	Anne Young
Thursday 17	Winifred Ward
Tuesday 22	Melva Merletto
Wednesday 23	David Roberts
Thursday 24	Noeline Burt
Tuesday 29	Michael Arrighi
Wednesday 30	Sandra Stanley
Thursday 31	Kath Condell

# Sources of Funds

The following sources of research funds are now available to members of academic staff. Further information including application forms, where these are to hand, may be had from Ian Strahan on ext 3079 or Tom Moore on ext 3386. Intending applicants are reminded that all research applications must be forwarded through the Research Office.

The Deputy Vice-Chancellor (Academic and Research) Professor Ian Chubb, is happy to discuss aspects of applicat-

ion strategy, including design and presentation, with researchers. To render this process as efficient and productive as possible, intending applicants should first consult widely, for example, with their relevant Chairperson(s) about the content of their application. They are then invited to send a full draft to Professor Chubb for comment before final typing. Please allow sufficient time for consultation and reference to the Research Office while meeting the closing date given by the funding body.

## RESEARCH GRANTS

The Apex Foundation for Research into Mental Retardation Limited invites applications from individuals or research teams for grants in support of new or existing research projects.

These grants may be awarded to workers in any discipline (medical, educational, epidemiological, psychological, biological, sociological, etc.), which is concerned with the causes, diagnosis, prevention or treatment of mental retardation and allied conditions.

Last year, the total sum available for distribution was in the vicinity of \$14,000.

Applications will close on July 31.

## CARNEGIE CORPORATION

The Carnegie Corporation operates grant programs in four broad areas:

1. Education, Science, Technology and the Economy
2. Healthy Child Development
3. Strengthening Human Resources in Developing Countries
4. Avoidance of Nuclear War

The Foundation does not operate scholarships, fellowships or travel grant programs nor does it grant funds for operating expenses.

Project applications must be broadly educational in nature and designed to promote 'the advancement and diffusion of knowledge and understanding'.

There is no formal procedure for submitting proposals. Applicants should provide a statement describing the aims and methods of the project, the personnel involved and the financial support sought.

During the year to 30 September 1985 the Corporation approved 168 grants totalling over US\$26 million.

The Annual Report for 1985 of the Carnegie Corporation is available in the Research Office.

## THE AUSTRALIA COUNCIL

### COMMUNITY ARTS BOARD

Community Activities — assistance is available for community activities that promote participation, access and skills development in the arts. The Board favours programs initiated in the community that reflect local needs and interests and that demonstrate community support and participation in decision-making and activities.

### LITERATURE BOARD

Literary Magazines — the Board assists a number of established magazines which feature contemporary Australian writing of a high quality. Applications are not considered for foundation grants, or from magazines which are primarily academic or technical in nature.

Writers in Residence — tertiary institutions are invited to apply for financial assistance towards the fees and

travel expenses of writers who will work on campus for either nine or twelve weeks. Applications are not accepted directly from writers.

Writers in Residence in the Community — applications are invited from organisations requiring partial assistance with the costs of engaging writers to work directly with regional, ethnic, workplace and other community groups. Residencies should be for a minimum of six weeks and designed to offer opportunities for participation in the creation and enjoyment of literature.

### VISUAL ARTS BOARD

Artist in Residence — the Board will provide artist's stipends of up to \$1,600 per month tenable for a period from nine weeks to 12 months. Australian universities, colleges of advanced education, public art museums, art schools, Federal, State and Local Government bodies and public institutions, including contemporary visual art organisations may apply.

Artist in Community — the Board will provide artist's stipends of up to \$1,600 per month tenable for a period from nine weeks to 12 months. In addition, the Board will consider making available some assistance towards project costs for both residency and non-residency projects. Community organisations, Federal, State and Local Government bodies, trade unions, public institutions, including contemporary visual art organisations may apply.

Overseas Visitors' Program — assistance up to \$5,000 is available to individuals and organisations to co-ordinate visits to Australia by significant and distinguished artists, art critics, art educators and art museum curators to undertake lecture tours, conduct workshops, execute work or arrange exhibition or other exchanges.

The closing date is August 15.

### AUSTRALIAN-GREEK AWARDS GREEK FELLOWSHIPS 1986/87 AND 1987/88

Submissions are invited from educational institutions and other organisations seeking to nominate eminent scholars and other highly distinguished people from Greece to visit Australia under the above scheme in 1986/87 and 1987/88.

The Awards are intended to provide opportunities for Australians to make contact with distinguished Greek experts and gain greater insight into current developments in the field. The Fellows' programs are expected to provide opportunities for them to make an impact on the wider Australian community, and are therefore designed to be stimulating in a broad cultural sense as well. The duration of the visits is from one to three months, and awards will be tenable up to 30 June 1987 for 1986/87 awards and from 1 July 1987 to 30 June 1988 (inclusive) for 1987/88 awards.

Benefits:

- return business class air fare
- economy class air travel within Australia

- a per diem allowance of \$107
  - establishment allowance of \$100
  - basic health care coverage by Medicare
- Closing date September 1.

## AINSE RESEARCH FELLOWSHIPS

AINSE Research Fellowships are offered by the Australian Institute of Nuclear Science and Engineering for suitably qualified persons wishing to undertake research projects within the Institute's field of interest. A candidate must be nominated by the AINSE member organisation with which that candidate wishes to work. The AINSE member organisations include most universities in Australia, the AAEC and the CSIRO.

Research Fellowships are intended for scientists and engineers who have qualifications equivalent to the Degree of Ph.D and are at a relatively early stage of an independent research career. Minimum tenure is two years. Emolument will be within the range of \$23,106 to \$27,714 per annum (Australian currency), and the Institute may contribute to the costs involved in travelling to and from Australia.

A research project within the field of nuclear science and engineering of interest to the Institute may be proposed in the nomination, after agreement that a Research Fellow's project will require some use of the specialised facilities located within the Lucas Heights Research Laboratories.

Closing date August 31.

## CANADIAN STUDIES AWARDS

The Government of Canada, in cooperation with the Association of Canadian Studies in Australia and New Zealand, announces the fourth annual Canadian studies faculty enrichment awards program.

The awards are intended to enable an academic to devise a new course in Canadian studies or to introduce Canadian content (50%) into existing courses. The award will provide for return airfare to Canada, internal travel in Canada and a contribution towards living expenses in Canada.

Any academic at an Australian tertiary institution holding a PhD or its equivalent is eligible for the award provided that he or she undertakes to teach a Canadian course a minimum of three times during the subsequent six years.

Awards will be available in 1987 for which submissions must be made by 15 July, 1986.

## PREVIOUSLY REPORTED IN CAMPUS NEWS

Name	Closing Date With Agency
Grants for Film and Video, Literature and History	July 4
Australian Sports Commission: Coaching	July 4
Electrical Research Board-Grants & Scholarships	July 4
International Year of Peace	July 14
NSW State Cancer Council	July 14
OPSM Research Foundation	July 18
Postdoctoral Fellowship in Telecommunications	July 30
Harkness Fellowships	August 29
1987 Science Exchange Visits	Sept 1
Research Into Drug Abuse	N/A
Australian Institute of Urban Studies	N/A
International Year of Shelter for the Homeless	N/A
Family Planning Program	N/A

## Sport

### RECREATION CENTRE – NEW LEISURE OPPORTUNITIES FOR CAMPUS

In true fairy-tale style the next six months should see the present Indoor Sports Centre/Sports Pavilion complex given the funding 'kiss' to transform it from the ugly green blob it is now, into a truly functional and attractive Recreation Centre. The transformation, although not dispensing with all the frog-like qualities (it will still be green!), should certainly give this valuable facility a new lease of life.

Although costing in the vicinity of \$1 million, this type of project (non-academic) can receive no government funding and must therefore pay its own way. Thanks to substantial assistance from the University, and a mutually beneficial move with the Union, the Recreation and Sports Association must find \$500,000 from other sources.

What the new Recreation Centre will provide is greater flexibility in recreational and leisure opportunities for everyone on campus. The new centre will be open seven days a week and up to 16 hours a day. This will mean that staff and students can regenerate those fraying grey cells whenever it is a physical (and mental) necessity. No longer will it be restricted to 9 to 5, Monday to Friday, or wandering campus in search of some activity space. All your recreational, sporting and leisure needs will be catered for under one roof, or adjacent ... and just down the road a bit.

The year 1987 should be the start of a new era of health and fitness on campus. Now all we need is a swimming pool, more tennis....

### 1986 UNIVERSITY GOLF DAY – VICE-CHANCELLOR'S CUP AND INTER-DEPARTMENTAL SHIELD

Thirty-two participants had a great day at Port Kembla, with sunny, mild conditions and some good scoring. Results are a reflection on the high levels of participation and enjoyment experienced this year and the tight competition in all categories. An attempt to find a more appropriate day in 1987 will be made, to suit lecture, study and other commitments.

1. Vice-Chancellor's Cup: 77 Richard Webb (Engineering), Runner-up: 78 Ian Blair (Accountancy).
2. Inter-Departmental Shield: 216 - Administration (D. Wilson, T. Brew, B. Lake, T. Moore); 220 - Accountancy (I. Blair, D. Nolan, P. Manning); 223 - Engineering; 223 - Geology. Also competed: Chemistry, Education.
3. Other Events: i) Best Club Scores: (net) Ian Blair 69, B. Watkins 70, R. Webb 72, T. Brew 72. ii) Best Social Scores: (net) D. Wilson 69, D. Montgomery 71. iii) Longest Drive: Alex Bamforth. iv) Bradman Award: Ian Lowe 145. v) Best Female: Ann Lee. vi) Nearest to the Pin: 3rd Alex Bamforth, 8th Paul Manning, 12th Ian Blair, 15th Dave Wilson (102 cm!).

Start practising now for 1987! Congratulations to the Administration team for a fine performance.

### BOOK RECEIVED THE UNIVERSITY OF NEW SOUTH WALES OCCASIONAL PAPERS, 1986, NO. 11

Subjects covered range across science, technology and the economy. Authors are Mr Justice Samuels, Professor John Nevile, Dr Kevin Foley, Professor Adrienne Clarke, Dr Ken McCracken, Mr Robyn Williams, Professor Sol Encel, Dr Lou Davies, Dr Colin Sutton, Senator John Button, and Senator Christopher Puplick. 36 pp, May 1986. The University of NSW, PO Box 1, Kensington, NSW, 2033. Price \$6 per copy (for orders of ten or more deduct \$1 per copy).



## Staff Roundup

### AITEA TRAVELLING FELLOWSHIPS

The Australian Institute of Tertiary Educational Administrators (AITEA) offers an annual Travelling Fellowship to an AITEA member undertaking a project or study tour involving travel around Australia or overseas, and concerned with the management of tertiary education. Applications for the 1987 Fellowship are now being called.

Conditions of the Fellowship are available from Wendy Raikes on ext 2798, and applications should be submitted by July 11 this year to the Staff Office.

### SALARY, SUPERANNUATION AND LEAVE ENQUIRIES

The Salaries Section has become concerned that it is not always able to provide a better response to enquiries or queries related to salary payments, superannuation and leave.

More often than not enquiries are received while Salaries staff are engaged in payroll preparation within a strict time schedule, with the result that answers often have to be postponed.

With the growth of both full time and part time staff on campus over recent years the number of enquiries being received by the Salaries Section has also increased considerably. As a consequence it has become necessary to regularise the process of handling enquiries of this nature.

Accordingly, with effect from Monday 23 June 1986, ALL enquiries by staff relating to salary payments, salary deductions, superannuation, recreation leave, sick leave etc are to be made between the hours 2 pm and 4 pm Monday to Friday. Part time cleaning staff may also make enquiries between 9 am and 9.30 am Monday to Friday.

Enquiries during the hours indicated above may either be made in person at the Salaries office or by phoning ext 3914.

Your co-operation is requested as a means of enabling the Salaries staff to provide an improved service by being able to schedule their commitments more adequately.

### AVCC VISITING FELLOWSHIPS 1987

Two AVCC Visiting Fellowships will be awarded for Australian scholars actively engaged in academic work to visit universities in certain specified overseas countries in 1987. Such visits should be for a minimum of sixty days and should enable the visiting scholar to meet with others in their own fields, rather than to give public lectures.

The Fellowship provides an allowance, up to a maximum of \$5,000, to assist with travel to and living expenses in the visited country.

Full details of the conditions of the Fellowships are available from Wendy Raikes, ext 3798.

Applications must be submitted to Professor I. Chubb by September 26 this year.

### CURRENT VACANCIES

Secretary, Student Services, closing date July 1.  
Laboratory Assistants (2) positions), Creative Arts, closing date July 3.

Technical Officer, Microcomputer Centre, Industrial and Administrative Studies, closing date July 3.

Research Assistant, Psychology, closing date July 4.  
Assistant Secretary, Academic Services, closing date July 4.

Further details: Gary Graham, ext 3935.

### STAFF CHANGES

#### New Starters

Dr G.F. Huon, Lecturer, Psychology

Dr T.D. Stokes, Lecturer, H.P.S.

Dr R.A. Lewis, Lecturer, Physics

Mrs M. Di Fonzo, Cleaner, Buildings and Grounds

Ms J. Jones, Cleaner, Buildings and Grounds

Ms C. Iera, Cleaner, Buildings and Grounds

Mr J. Papakosmas, Attendant (Cleaning), Buildings and Grounds

#### Transfer/Promotion

Mr K.W. Knox, Administrative Assistant, Computer Centre

#### Departures

Mrs E.L. Lajoie, Laboratory Assistant, Faculty of Education

Mrs L. Berlowitz, Secretary, University Secretary's Division

Mrs F. Woodard, Word Processor Operator, Faculty of Humanities

Mrs H.A. Morton, Clerk, Equal Employment Opportunity Unit

Mr J.H. Petrie, University Librarian, Michael Birt Library

Mr P.J. Longhurst, Computer Trainee, Computer Centre

Mr G. Elridge, Garden Labourer, Buildings and Grounds

Mr G.A. Tresidder, Maintenance Assistant, Buildings and Grounds

Miss C.E. Oakman, Typist/Office Assistant, Buildings and Grounds

Miss A. Yasman, Typist/Office Assistant, Academic and Student Services

Mr P. Dias, Teaching Fellow, Mechanical Engineering

## Seminars

### POSTGRADUATE SEMINAR IN HISTORY

July 24 — Norm Neill — Methodology of the Development of the dairying industry in the southern Illawarra, 1887-1917

July 31 — Dr Ray Markey — Populism and the Establishment of the NSW Labor Party 1890-1900

August 14 — Dr Stuart Pigginn — Towards a Bicentennial History of Australian Evangelicalism

### DEPARTMENT OF PHYSICS

To be held in the Physics Lecture Theatre Bldg. 18 Rm.118.

Date: Thursday July 31

Speaker: Dr John Storey, School of Physics, University of New South Wales.

Topic: Infra Red Astronomy.

Date: Thursday August 14

Speaker: Dr Stephen Collocott, CSIRO Div. of Applied Physics, Lindfield.

Topic: Low Temperature Heat Capacity of Some Glasses and Glass Ceramics.

## BIOMEDICAL EVENING

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.

Seminar will begin at 8 pm in Lecture Theatre, G.19, Building 35.

Date: August 6

Speaker: Dr W.J. Peacock, Chief, CSIRO, Division of Plant Industry, Canberra.

Topic: Gene Engineering in Plants

## TERTIARY ADMINISTRATION, CURRENT TECHNOLOGY AND OFFICE AUTOMATION

Seminar for senior administrative and academic staff — Broadway campus, NSW Institute of Technology, August 15 to 19 — presentee by Professor Wallace Ewart, from the University of Ulster. Residential fee is \$700, non-resident option \$550. The program is conducted under the National Staff Development Program of the Australian Institute of Tertiary Educational Administrators in conjunction with the Sydney College of Advanced Education. Inquiries to Ms C. Gaud, NSW Institute of Technology, Broadway, NSW, 2007 (tel. 2189062).

## Scholarships and Prizes

### AUSTRALIA/CHINA EXCHANGE FELLOWSHIPS

Applications for Exchange Fellowships are invited from scholars interested in visiting China, either individually or as a member of a small group with common study programs, under the Joint Exchange Agreement presently operating between the Australian Academies of the Humanities and the Social Sciences and the Chinese Academy of Social Sciences in Beijing.

For scholars travelling alone, reasonable facility in the Chinese language is necessary unless private arrangements can be made for interpretation while in China. Groups should have at least one member fluent in Chinese.

Successful applicants will normally spend from three to six weeks working in Institutes under the control of, or associated with, the Chinese Academy, which will be responsible for their expenses and itinerary within China. The Australian Academies will meet travel costs to China and return.

The award of Exchange Fellowships will be subject to the approval of the Chinese Academy and will be for the calendar year 1987. Applications close July 30.

Further information and application forms from The Secretary, Academy of the Social Sciences in Australia, GPO Box 1956, Canberra ACT 2601.

### THE ADOLF SPIVAKOVSKY SCHOLARSHIP FOR THE COMPOSITION OF MUSIC - 1986

In memory of distinguished singing teacher Adolf Spivakovsky, his late wife, Paula Spivakovsky has provided funds in her will to enable an annual prize for a Commonwealth-wide competition for the composition of music.

The composition must be a new work, not previously performed, of an experimental nature, and written for any of the following:

Chamber, group of up to five instrumentalists

Voice and any instrument(s)

A song cycle should include two or three songs

Solo instrument

The adjudicators are to be Mr Felix Werder and Mr Michael Spivakovsky and their decision will be final.

The winner of the competition will be awarded a prize of \$2,000 and the prizewinning composition will be performed. Entries close on August 22.

Further details from The Adolf Spivakovsky Scholarship for Composition of Music, 56 Jarvis Crescent, North Dandenong, 3175, Victoria, Australia.

### AUSTRALIAN INSTITUTE OF MANAGEMENT — THE EXCELLENT AUSTRALIAN MANAGER

Seminar led by Wilfred Jarvis — November 24 and 25.

Wilf Jarvis has asked thousands of employees — from shop floors to board rooms — to give opinions about their job experiences and their managers.

After studying more Australian work groups than any other researcher he has identified the credentials which distinguish the excellent managers from their more numerous normal colleagues.

More details later.

*Further Scholarship on back page*

## Advertisements

### HELP US FIND A HOME!!!

Young couple just flew in from the United States. We need to rent or buy a 2-3 bedroom house, bush setting. If you have any information or lead, contact Jeff Franklin, TASC, etc 3955 or Judith Franklin, Vice-Chancellor's Office, ext 3932.

### WRITER IN RESIDENCE NEEDS ACCOMMODATION

Rodney Hall, leading Australian poet and novelist, will be writer in residence at The University of Wollongong for nine weeks beginning Monday September 1 until Friday October 31. He requires accommodation for himself, his wife, and (for some of the time) a small dog.

Would any member of staff able to let accommodation for that period please contact Ron Pretty on ext 3867 or 3985.

### ACCOMMODATION WANTED

New staff member seeks to let 2/3 bedroom house or flat in area of Thirroul or northward to Coalcliff. Phone ext 3691.

### TO LET

Wollongong harbour and ocean views. 2 bedroom unit for lease from July to November or major part thereof. \$100 per week. Phone ext 2735 or 289697.

### FURNISHED ACCOMMODATION WANTED

For:

- Visiting Lecturer and wife — mid-July to late September
- Visiting Professor and wife — mid-July to late September
- Visiting Professor — mid-July to late August

Contact: Martin Bunder ext 3839 or 289871 or John Blake ext 3845.

### STEPHEN BYDDER PIPE ORGAN RECITAL

Wesley Church, 116 Crown Street, Wollongong, Thursday July 10 at 8 pm. \$5 donation for Wesley Building Fund.

# EEO news....

## WANTED – A REPRESENTATIVE FOR MIGRANTS' ISSUES

There is a true story of a migrant to Australia – an eye specialist, whose overseas medical qualifications were not recognised. As a result, he had to repeat his studies, using the text book which he had written!

Migrants and their children face many obstacles in the workplace which are distinct and well documented: language difficulties; lack of recognition of overseas qualifications and experience; stereotypic assumptions used as a basis of job selection, through to downright exploitation. A certain biscuit factory in Sydney which once employed Greeks exclusively, switched to hiring only Vietnamese for this purpose.

The new Equal Employment Opportunity Committee requires a person who understands these special issues as they relate to the university environment to advise on implementation of strategies affecting people whose first language was not English.

The 1984 survey found that although staff in this category at the University are roughly in proportion to that found in the Illawarra Region, only 45 per cent of these staff members were permanent, compared with 70 per cent of the rest of the staff.

If you are interested in nominating as an Advisor to the Committee, please contact me and I will be pleased to supply more details.

## ASSERTIVENESS PROGRAM

The second round of assertiveness workshops is scheduled to start on July 11. Held for half a day over four consecutive weeks, it aims at developing effective human relations skills. It covers aspects of decision making, communication and self awareness.

Please contact Wendy Raikes for enrolment details.

## THE EEO TEAM

Congratulations to the two newly appointed members of the EEO Unit. The new Administrative Assistant is Faye Franklin, and Janet Sturman has been confirmed in the clerk's position.

As with myself, they are both available to assist staff with matters pertaining to Equal Opportunity. The EEO unit welcomes them both.

Kathy Rozmeta  
Ext 3917

## Job Vacancies

Details of the positions listed below are on file in the *Campus News* Office – room G24A, on the ground floor in the administration building.

### ASSISTANT SECRETARY, ACADEMIC SERVICES

Applications are invited from suitably qualified and experienced persons for the position of Assistant Secretary, Academic Services. The University reserves the right to fill any advertised position by invitation.

As a result of continued growth in student numbers and academic activities a new position has been created within the University's Administration.

Reporting to the University Secretary the appointee will be responsible for the development and operation of the Academic Services Branch which incorporates the following activities.

- \* Secretariat service to the University's Senate and its committees, including provision of Faculty Secretaries.
- \* Provision of support for the newly established Office of Research and Postgraduate Studies.
- \* Other academic related matters such as graduations, elections, calendars etc.
- \* Oversight of the University's Publicity and Information Unit.

The successful applicant will provide leadership in planning, management and review of the Branch's activities. That person will have previous administrative experience in the tertiary education sector and the capacity to supervise staff and contribute effectively as an integral member of the University's senior management team.

Commencing salary according to qualifications and experience will be within the range \$38,553 to \$42,677 per annum.

Applications should reach the University Secretary by July 4.

Wollongong      Part-time Female Cleaners (2 positions)  
Buildings and Grounds  
Secretary (limited term), Student Services Branch  
Laboratory Assistant Grade 1 – General (part-time, 20 hours per week), School of Creative Arts  
Laboratory Assistant Grade 1 – Studio (part-time, 18 hours per week), School of Creative Arts  
Technical Officer, School of Industrial and Administrative Studies, Micro-computer Centre

Macquarie      Lecturers in Actuarial Studies (tenurable) (2 positions), School of Economic and Financial Studies

## Scholarships and Prizes

### JAPANESE GOVERNMENT (MONBUSHO) SCHOLARSHIPS FOR 1987

The Japanese Ministry of Education (Monbusho) is offering scholarship to Australian citizens for study in Japan beginning in 1987.

Both undergraduate and research scholarships will be offered.

**Undergraduate category:** The undergraduate scholarships are tenable for five years and a successful student will return to Australia with a degree of 'Gakushi' in Law, Politics, Economics, Business Administration, Education, Sociology, Literature, History, Philosophy or Japanese Language.

Applicants in this category must have reached matriculation standard and must be between 17 and 22 years of age on April 1, 1987.

**Research category:** The research awards are tenable for eighteen months or two years.

There are opportunities for postgraduate study in the humanities, social sciences and natural sciences.

Applicants in this category must be graduates or final year students under 35 years of age on April 1, 1987.

For both categories, applicants must be willing to study the Japanese language and to receive instruction in that language.

Closing date: July 4.