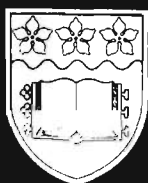


# THE UNIVERSITY OF WOLLONGONG

# CAMPUS NEWS



Distributed each Tuesday

Deadline for copy noon Monday  
of previous week

Editor: George Wilson, Tel. (042) 270926

29 March 1988

## STUDENT NUMBERS INCREASE IN AUSTRALIAN UNIVERSITIES

One of the five meetings of the year of the Australian Vice-Chancellors' Committee (AVCC) took place at The University of Wollongong on Tuesday March 15.

A significant factor emerging from the meeting was that enrolments at Australian universities have increased, with some institutions reporting a rise in student numbers of over ten per cent.

Based on a preliminary survey by the Australian Vice-Chancellors' Committee, the figures show that there continues to be strong demand across the country for higher education.

Some institutions have reported a trend away from part-time to full-time enrolments and a healthy demand for science, engineering and commerce courses.

The increase in numbers partly reflects the Federal Government's decision to fund extra places, and the decision by the Victorian Government to continue to fund additional places.

The figures are preliminary and the universities must wait till the official Census date of April 30 before they can produce final numbers.

The Chairman of the AVCC, Professor John Scott, has said the growth was encouraging, given the Federal

Government's commitment to expanding the higher education system.

But he said it was not yet possible to state how many qualified students had still missed out on places. The AVCC's annual survey of unmet demand was being completed and would be released next month.

Professor Scott said the shift to full-time enrolments could reflect the Government's imposition of a Higher Education Administration Charge. The charge of \$263 is paid by all students, whether they are studying full-time or part-time.

'It is likely', he said, 'that some students are deciding to enrol full-time in a bid to complete their studies more quickly and so reduce the total amount they pay in fees.'

Some of the smaller universities experienced the greatest growth this year.

At Deakin University the overall student load (Equivalent Full-Time Student Units or EFTSU) is expected to increase by almost 12 per cent this year. Some of this rise is due to a new course on campus, the Diploma of Nursing. This has also helped towards a dramatic increase in the number of new full-time students on the campus -- up by almost 40 per cent.

*The Vice-Chancellors assemble during the meeting of the Australian Vice-Chancellors' Committee at The University of Wollongong earlier this month. Another picture taken at the gathering appears on page 3*



# General Notices

## ACADEMICS RECLASSIFIED AS ASSOCIATE PROFESSORS

The following members of the academic staff have been reclassified (from Reader or Principal Lecturer) as Associate Professor.

Mr D. Anderson	Education
Dr M. Bunder	Mathematics
Dr P.G. Burton	Chemistry
Dr B.L. Cambourne	Education
Dr R.N. Chowdhury	Civil and Mining Engineering
Dr P. de Lacey	Education
Dr D.P. Dunne	Metallurgy and Materials Engineering
Dr J. Ellis	Chemistry
Dr A.J. Fielding	Education
Dr A.J. Hulbert	Biology
Dr B.G. Jones	Geology
Dr D.E. Lewis	Economics
Dr R.M. Lilley	Biology
Dr Y.C. Loo	Civil and Mining Engineering
Dr K.J. McLean	Electrical and Computer Engineering
Dr G.C. Nanson	Geography
Dr T.S. Ng	Electrical and Computer Engineering
Dr F.J. Paoloni	Electrical and Computer Engineering
Dr B. Partridge	Health Sciences
Dr R. Robinson	Geography and Centre for Transport Policy Analysis
Dr G.K. Winley	Industrial and Administrative Studies
Dr A.J. Wright	Geology
Dr R.W. Young	Geography

R. Walker  
Personnel Officer (Academic Staff)

## NEW UNIVERSITY TIMETABLER

Mr Chris Hadley has been appointed as the University's Timetabler to replace Ms Robin Lawson. Timetabling will now be a function of the Student Administration and Chris will be located in the Admissions area on extension 3796.

## LAST CHANCE FOR LIBRARY ONLINE CATALOGUE CLASSES

There is still time for students who have not already acquired this essential skill to learn to use the library's online catalogue (OPAC). Until Thursday March 31 classes are being offered daily, every half-hour from 8.30 am to 5.30 pm. Book at the Information Desk in the library

## CAMPUS CLINIC

The Human Movement and Sports Science Department, in association with the Illawarra Sports Medicine Clinic, is to open a campus branch of the Clinic.

Serving the needs of staff and students who sustain injuries in work, sport or recreation, the Campus Clinic will initially operate three afternoons a week (Monday, Wednesday and Friday) from 1.30 to 4.30 pm.

Treatment is by appointment only, and these may be made by contacting Stephanie on ext 3352 (270352 external

line) during Clinic hours, or in person at 8.G17 (old Administration Building).

The concept of an on-campus Clinic is most exciting as it provides an opportunity for students undertaking the Exercise Therapy major in the BAppSci (Human Movement) course to obtain in-house experience and expertise.

Physiotherapist and staff member Irene Romanova will oversee the treatment protocol provided through the Clinic. Fees for service must, in the case of students, be paid for each treatment. Bankcard facilities, however, and the opportunity to obtain accounts, may be available for staff. Fees will be in accordance with those recommended by the Australian Physiotherapists Association, and are largely refundable for people with appropriate private health insurance.

The Clinic will provide an opportunity for staff to obtain treatment for work-related injuries and workers compensation cases will be accepted. This convenience facility will assist staff members to be fully rehabilitated on campus.

For further details, contact Owen Curtis, Human Movement and Sports Science, ext 3493.

## THE ITALIAN COMMUNITY IN AUSTRALIA -- THE FIRST 200 YEARS

### *An Endorsed Bicentennial Activity*

The Department of Languages and the Centre for Multicultural Studies at The University of Wollongong are to host an international conference on the Italians in Australia. The conference is an Australian Bicentennial Activity and proposes to examine and evaluate a number of aspects of Italian migration to and presence in Australia over the past 200 years, an area of teaching and research of particular interest to the Department of Languages as well as to language departments in a number of other tertiary institutions.

Sponsors are The Italian Government, The Italian Embassy in Australia; The Government of NSW; Literary Arts Board, Australia Council; The University of Wollongong; Transfield Pty Ltd; The Dante Alighieri Society, Wollongong; The Fraternity Bowling and Recreation Club; Club Marconi; ICLE; Pietro Tedeschi; Felice Rando; Friends of The University of Wollongong Ltd.

The conference will be held from August 27 to 29. Two days will be held at The University of Wollongong, one day, August 28, at Macquarie University.

**Program:** Saturday August 27: Retroperspectives

**Venue:** Pentagon Lecture Theatre, The University of Wollongong.

Registration: 9 to 9.30 am

Conference opening: 9.30 to 10.30 am

Plenary session: 10.45 am to 1 pm

Parallel sessions: 2 to 5.30 pm

Historical Perspectives, Social Perspectives, Prose writers

Plenary session: 5.30 to 6.30 pm

**Abstracts and Proceedings:** All speakers have been requested to supply abstracts of papers and these will be available on registration. Typed copies of the papers for publication in the Conference Proceedings must be lodged prior to or at the Conference. It is envisaged that the proceedings will be published.

**Secretariat:** The address of the Conference Secretariat is: Department of Languages, The University of Wollongong, PO Box 1144, Wollongong, NSW 2500,



... also at the AVCC meeting



At the meeting of the Australian Vice-Chancellors' Committee March meeting are, from left, Professor D. Penington, Melbourne, Professor R. Golding, James Cook, Professor D. Yerbury, Macquarie, Professor D. McNicol, New England, Professor J. Ward, Sydney, Professor L. Nichol, ANU, and Professor K. Marjoribanks, Adelaide

Australia. Telephone inquiries: Registration and accommodation: Anna Rousch (042) 270956; Papers, participation and general inquiries: Gaetano Rando (042) 270676.

**Registration:** It is necessary for all Conference participants to register formally by completing the registration form, available from Mrs Anna Rousch, Wollongong Uniadvice Ltd, The University of Wollongong, PO Box 1144, Wollongong, NSW 2500, Australia (tel (042) 270956, fax (042) 271675, telex AA29022). Registration: \$100. Student registration (full-time students): \$50. No refunds can be made on cancellations after August 12. The registration fee includes access to all sessions, morning and afternoon teas, lunches, conference materials, transport Sydney to Wollongong on Sunday August 28.

#### INTERNATIONAL DEVELOPMENT PROGRAMS PROJECT OPPORTUNITIES

##### *Rotary Foundation Grants for University Teachers*

The Rotary Foundation, based in Illinois, USA, has announced a new grant program for university teachers. Fifteen grants a year will be awarded to selected higher education staff to teach for six to ten months at universities in developing countries.

Copies of leaflets and application forms are available from the International Development Program of Australian Universities and Colleges. Applicants must submit forms no later than April 15 of the year preceding the proposed teaching year. Write to The Executive Director, IDP, GPO Box 2006, Canberra, ACT 2601.

#### STUDY SKILLS WORKSHOP FOR HIGH SCHOOL AND TERTIARY STUDENTS

April 7 and 8 from 9 am to 4 pm.

Course includes Time management, Study reading, Writing essays, Diagnosis of your skills, Sitting exams and tests, Listening and note-taking, Memory power.

Cost: \$55.

Inquiries: Wollongong Uniadvice Ltd, The University of Wollongong, phone 270956 or 270076.

#### SPORTS ASSOCIATION ANNUAL GENERAL MEETING

The Annual General Meeting of the University Sports Association will be held on April 18 at 5.30 pm in the Sports Lounge. All staff, students and life members welcome.

Notices of motions should be received at least 14 days in advance.

#### FORTHCOMING CONFERENCES/COURSES

21st Century Higher Production Coal Mining Systems Conference April 5 to 8.

Longwall Mining Conference April 9.

Study Skills Workshops for High School and Tertiary students April 7 and 8.

Essay Writing Course for HSC students April 7 and 8.

Introduction to the Alexander Technique Workshop April 16 and 17.

Geostatistics Course Using Computers May 16 to 19.

Whole Language Approaches to Literacy Conference June 18 to 19.

Women and the Law Seminar June 18.

Japanese - Beginning and Intermediate classes May 17.

Inquiries: Anna Rousch, ext 3956.

With the exception of 'Whole Language', which will be held at Sydney University, all others will be held at The University of Wollongong and organised by Wollongong Uniadvice Limited.

#### Friends of the University

##### PROGRAM CHANGES

Senior Citizen's Day at the University, which was to be held in March, will now be held as part of the Festival of Wollongong in October.

Open Day has been moved from April 17 to August 29. The Town v Gown Cricket Match has been moved from April 17 to a day in December where it will become the Friends Christmas celebration.



## Staff Roundup

### STAFF DEVELOPMENT OPPORTUNITY

The University of New South Wales regularly holds a University Management Course for its general staff. This year one place on the course, being held from April 17 to 20, has been offered to a staff member from our University.

The course, which is residential, is designed to introduce participants to the basic elements of management -- managing people, planning, controlling operations and problem-solving.

The participant will have the opportunity to exchange views, find out more about universities from their colleagues and assess their own training and development needs.

Nominations are sought from general staff members who:

- are managers or supervisors, or who are in a professional and other position responsible for carrying out duties that involve leading and supervising others, or who are seeking to acquire such responsibility;
- would now like to take a broader management perspective of their duties and University administration;
- wish to commit themselves to the residential course.

Nomination forms and further details are available from Wendy Raikes, Staff Training Co-ordinator, ext 3946. Completed nominations should be returned to the Personnel Services Branch by March 30.

Attendance at this course by the successful nominee will be supported by central University funds.

### GUIDELINES ON JOB ROTATION AND TRANSFER

The University Guidelines on the Staff Development Job Rotation Program and Transfer (General Staff) have been issued to all departments and units for perusal by interested staff. Staff wanting extra copies should call Jenny Jarman on ext 3935.

### ACADEMIC SUPERANNUATION ARRANGEMENTS

1. All those academics who are currently contributing to the State Public Service Superannuation Scheme (SPSSS), State Superannuation Fund (SSF) or Professorial Scheme will not be eligible to join the new Superannuation Scheme for Australian Universities (SSAU).
2. Existing members of staff (i.e. those on duty prior to 1

December 1987) in superannuable categories (including limited term employees with a term of not less than two years) who are not contributing to any of the above superannuation schemes will be given a once only option to join SSAU. This option will remain valid for three months from 29 January 1988. Permanent full-time academics appointed prior to 1 December 1987 (not including limited term academics) also have the option to join SPSSS, before 31 March 1988. This scheme will be closed to new members on 31 March 1988.

3. The Professorial Superannuation Scheme was closed to new members as of 1 December 1987.
4. The University has been a member of SSAU since 1 December 1987. All new academic appointments since 1 December 1987 must join SSAU as a condition of their appointment.
5. Any new academic staff joining the University after 1 December 1987 who are currently members of SPSSS or SSF may -
  - i) be able to seek exemption from SSAU and remain in SPSSS or SSF;
  - ii) preserve their benefits with SPSSS or SSF and join SSAU;
  - iii) transfer their withdrawal benefits to SSAU and join SSAU.

### LAST CHANCE STAFF PUBLIC SERVICE SUPERANNUATION SCHEME

The State Public Service Association Scheme closes to new entrants on March 31.

Application forms to join the State Public Service Superannuation Scheme must be received by the Superannuation Board office in Sydney before March 31. Eligible staff interested in joining before the closing date should do so now.

Inquiries: Barbara Smith, ext 3914, Wednesday to Friday.

### CURRENT VACANCIES

Closing date is indicated in *italics* in brackets.

- \* Professional Officer Grade 1, Central Science Equipment Facility, (*March 31*)
- \* Faculty Officers, 2 positions, Faculties of Arts and Education, (*March 31*)
- \* Clerk Grade 1/2 (Revenue Clerk), Financial Services, Limited Term to May 1989, (*March 31*)
- \* Research Assistant Grade 1, Sociology, Limited Term to December 23, 20 hours per week, (*March 31*)
- \* Clerk, Office of Research and Postgraduate Studies, (*March 31*)
- \* Technical Officer Grade 1, Civil and Mining Engineering, Limited Term to December 23, (*March 31*)
- \* Laboratory Assistant Grade 1, Creative Arts, 18 hours per week, (*March 31*)
- \* Word Processor Operator, Faculty of Arts, half-time appointment, (*March 31*)
- \* Typist/Office Assistant Grade 1, Halls of Residence (International House), Limited Term for 12 months, (*March 31*)
- \* Typist/Office Assistant Grade 1, Halls of Residence (Weerona), Limited Term for 12 months, (*March 31*)
- \* Delivery Officer, Mail Room, (*March 31*)
- + Research Associate, Mathematics, Contract for 12 months, (*April 6*)

+ Two Half-Time Lecturers or Two Teaching Fellows, Industrial and Administrative Studies, Contract for 4 years, (April 6)

\* AIDS Counsellor, Psychology, Limited Term for 12 months, Half-time appointment, (April 12)

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

## STAFF CHANGES

### New Starters

Mr K.W. Stebbins, Professional Officer, Mechanical Engineering

Dr C.D. Woodroffe, Lecturer, Geography

Ms C. Alcock, Librarian, Library

Ms D.M. Konza, Lecturer, School of Learning Studies

### Transfers/Promotion

Dr A.R.M. Young, Lecturer, Geography

## CAREERS AND APPOINTMENTS SERVICE

The Careers and Appointments Service is now established on the First Floor of the Union Mall. A Careers Information library is being created and should be ready for general use by the end of March/early April. This library will be available for student reference but may be used also by staff who may seek to pursue information on postgraduate courses, and overseas study and work. When the categories of information have been formalised, they will be displayed in a later issue of *Campus News*.

### Casual Employment

A 'register of students' and a 'Job Bank' are being put together to provide casual/part-time work for students. Positions will be sought from the employers in the community as well as positions which may become available within the University. So – think of a job – think of a student. You can contact Gayle Ford on extension 3445 to 'bank your job', or to 'withdraw a student'. Any other general enquiries can be directed to Patricia Webster on extension 3324.

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## KIDS COMPUTING EASTER 1988

*Two courses for older kids will be held from April 5 to 8 April.*

### Crooks and Computers (12-15 year olds)

A computer applications course with a difference. Participants chase crooks and discover a range of computer applications: Database, Word Processing, simple Spreadsheets and Graphics.

### An Introduction to Programming in BASIC

This course provides an introduction to programming in BASIC.

Each participant will use an IBM compatible Personal Computer to learn the fundamentals of the language. The computers provide colour, graphics and sound to enhance program development.

Each course is of four days duration and costs \$85.

Tuesday April 5 to Friday April 8 – 9.30 am to 3.30 pm.

There are places for a maximum of 20 participants per course.

Full details and registration from: ITC Computer Training, The University of Wollongong, PO Box 1144, Wollongong, 2500. Telephone 26 8884.

## EEO news....

### WHY SO FEW? WHAT YOU THINK

The Open Forum, 'Improving the Participation of Women in Academic Life' was held on March 16 and attended by staff from all faculties. It was particularly heartening to see senior staff, including professors and department heads, from subject fields where few women appear, including Engineering, Chemistry and Computer Science, as well as those from the 'traditional' disciplines.

The Vice-Chancellor, Professor Ken McKinnon, opened the seminar remarking that it was an appropriate time to address this challenge given the national support for such moves and declared his personal support for the general thrust in this direction.

The barriers to womens' participation, as indicated by recent research, were listed and discussed only briefly, given that the intention of the forum was to generate strategies for change. In essence, these barriers covered a full range, from broad social factors like gender conditioning, through educational factors, such as irrelevant curriculum and poor career information through finally to the employment barriers like inadequate childcare and policies which fail to take career breaks into account.

The discussion on strategies was lively and may be summarised as follows:

1. The University should actively liaise with school authorities to assist in overcoming some of the barriers perceived at this level of the educational system. This could include providing positive role models from the University, conducting seminars with Career Advisers, and liaising with curriculum committees.
2. Harness the womens' voice on campus on matters concerning all facets of University policy – including those of particular interest to women such as childcare, but reaching far more widely than this into all policy

It was considered vital that women tap into the decision-making and decision influencing process more than at present – not merely by being on more committees as individuals, although this too should be maintained.

This more united policy approach will require better internal communication and coordination of womens' resources and the EEO Unit has undertaken to 'oil' this process.

These were only two of the outcomes of the discussion.

More detailed minutes will be made available to all interested parties, so please contact us if you would like them. I will of course be communicating further on an action plan for these two strategy areas and look forward to any contributions/suggestions on these themes.

Kathy Rozmeta  
EEO Co-ordinator

## EASTER BREAK

Arising from the two working days lost at the Printery because of the Easter break there will be no issue of *Campus News* for April 5. Deadline for copy for the issue dated April 12 will be noon on Tuesday April 5.

# 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 Harriss (ext 3201). Intending applicants are reminded that all research applications must be forwarded through the Office of Research and Post-graduate Studies.

## INDUSTRY RESEARCH AND DEVELOPMENT BOARD

Applications are invited for the 1989-91 round of Biotechnology Grants. A major objective of the grants is the development of a commercially viable biotechnology industry in Australia. The grants are to support biotechnology research in genetic engineering, enzyme application and fermentation technology, cell manipulation and culture.

Applications close with the University on May 2.

## AUSTRALIA-CHINA EDUCATION CO-OPERATION PROGRAM

Applications are invited for participation in the 1989 Australia-China Education Co-operation Program funded by the Australia International Development Assistance Bureau.

The proposed project should develop further the existing formal links or initiate new formally agreed institution-to-institution exchanges contributing to Australia-China relations. The Education Co-operation Program contribution to any one project will not exceed \$30,000.

Applications close with the University on June 16.

## AUSTRALIAN ACADEMY OF SCIENCE

The Australian Academy of Science and the Australian Academy of Technological Sciences and Engineering operate an exchange program with the Royal Society.

Scientists and technologists who are Australian residents and who are at least postdoctoral may apply now

to participate in the 1989 program. Applicants should propose a collaborative research project which has been developed in consideration with an appropriate host scientist in the United Kingdom. Successful applicants will receive a grant-in-aid contributing to air fares, living and travel expenses within the United Kingdom.

Applications close with the University on June 17.

## PREVIOUSLY REPORTED IN CAMPUS NEWS

	Internal Closing
Field Sciences Research Facility	March 31
CSIRO/University of Wollongong	
Collaborative	March 31
Australian Water Research Advisory	
Council F'ships	March 31
Australian Water Research Advisory	
Council Programs	April 13
Research into Primary Production F'ships	April 15
NH&MRC Visiting Postgraduate	
Research Scholarships	April 15
National Soil Conservation Program	April 15
Rudi Lemberg Travelling F'ships	April 16
NH&MRC Public Health Research Grants	April 22
Dept of Energy - Research and	
Development Projects	April 29
Industrial Research and Development	
Grants for Biotechnology	May 2
Australia-China Education	
Co-operation Program	May 17
National Heart Foundation	May 17
Australian Academy of Humanities	
Grant-in-Aid	June 16
Clive and Vera Ramaciotti Foundation Grants	June 16
Earthwatch	Any time
Criminology Research	Any time
Pig Research Council -- Support for	
Eminent Visitors	Any time
MERA Project Grants	Any time
Clive and Vera Ramaciotti Travel Grants	Any time
James N Kirby Foundation	Any time

## Concerts, Exhibitions and Entertainment

### ANTHONY PEEBLES AT SCHOOL OF CREATIVE ARTS

Distinguished British concert pianist, Anthony Peebles, is in residence at The School of Creative Arts for the period Monday March 28 to Thursday March 31. Mr Peebles is currently making his fifth Australian concert tour and will fulfill engagements for the ABC and other promoters in all states. An extremely busy touring artist, he has played in over 100 countries in recent years, and performs regularly with the major British and European orchestras.

Attention is drawn to a public recital which Mr Peebles will give in the Music Auditorium on the evening of Wednesday March 30. He will perform works by Schubert, Chopin and Liszt, including the great B-minor Sonata by Liszt. Tickets for this recital will be available at the door

from 7.30 pm. Starting time is 8 pm.  
Admission prices: Adults \$7, students/concession \$4.  
Inquiries to Wayne Dixon (270587 or 297518) or David Vance (270303 or 292519)

### WOLLONGONG BICENTENNIAL CHOIR UPDATE

This large massed choir, with members drawn from various choirs in the Illawarra, has been formed and organised by Sylvia Rice (President of the Illawarra Choral Society), especially for 1988 and has as its conductor Robert Smith. The accompanist is Keith Baxter; all three are lecturers in the Faculty of Education. The choir had its first performance at the Royal opening of the Illawarra Performing Arts Centre on Saturday January 30, with a sparkling rendition of *Zadok the priest* (Handel), a favourite with Prince Charles.

On Sunday March 27 members of the choir performed in Brandon Park at the 'Back to Wollongong' Festival organised by the Wollongong Bicentennial Committee.



There they were accompanied by the Tommy Tycho Orchestra in an anthem-style arrangement of *Song of Australia*, and provided choral support for the finale, *Celebration of a Nation*.

On Easter Sunday, April 3, the choir will participate in the Combined Churches Ecumenical Service, again in Brandon Park, and organised jointly by the Wollongong Bicentennial Committee and the Wollongong Ministers Fraternal. Here, to the accompaniment of the Wollongong Salvation Army Band, the choir will lead the congregational singing and also provide two solo items: the *Hallelujah Chorus* (from *Messiah* by Handel), and *Lord of the Dance* (Carter arr. Smith).

Conductor of the choir, Robert Smith, has arranged this modern popular hymn tune for four-part choir and brass band especially for the occasion, and the performance will be used for the presentation of liturgical dance. The dancers have been trained by Valerie Barnsley, a second-year BEd(Primary) student, who also designed the costumes. A mature student, Valerie has always been vitally interested in dance, after extensive ballet training in her teens; she brings sincere Christian conviction to bear upon her work with this group of young dancers, who come from local churches. As a part of the week-long Festival of Nations Celebrations, this service will begin at 2 pm.

CROISSANTS AND COFFEE AT GLENIFFER BRAE

Saturday April 16 at 8.30 am, is the date and time for hot croissants and coffee at the Conservatorium of Music, Gleniffer Brae. There will be music provided by Conservatorium students and staff. Sponsorship is by Tip Top Bakeries.

Bring your friends and enjoy a pleasant hour of entertainment in the idyllic surrounds of Gleniffer Brae gardens and canopied courtyard. The fresh early morning autumn air along with hot croissants and coffee should heighten the appeal and start to the day.

Informal seating will be available; elderly and disabled passengers will be able to be driven to the Manor House. If you really enjoy the occasion, a donation would be gratefully received by the orchestral parents support group.

TOP AUSTRALIAN CHAMBER MUSIC TRIO FOR WOLLONGONG

The Sydney Trio, a recently formed chamber music ensemble that promises to become one of the finest in Australia, is to make its first appearance in Wollongong at the Performing Arts Centre on Saturday March 26 at 8.15 pm in the first concert of the Illawarra Music Club's Gold chamber music series.

The outstanding musicians who make up the trio are violinists Ronald Thomas, international competition winner, conductor and recording artists; Georg Pedersen who has performed widely in Europe as well as giving solo performances of cello masterworks for the ABC; and Christine Logan, the trio's pianist, who has played in concerts on radio and television in the USA and Canada.

The Trio will perform Mozart's Trio in E major K 542, Beethoven's Archduke Trio Op. 97 and Dvorak's Trio in F minor Op. 65.

Seats from \$10 (concession \$5) are available from the Performing Arts Centre, phone 263366.

EASTER WITH SONG

The University of Wollongong Singers Easter program will take place on Good Friday, April 1, 8 pm, at All Saints Church, Figtree. The program of sacred music from the Renaissance will include some of the works performed in the past to enthusiastic response: Byrd's Ave Verum Corpus, Taverner's Dum Transisset Est, Palestrina's Stabat Mater (for double choir) and Tallis' Lamentations of Jeremiah.

Besides the Singers usual ceremonial appearances -- University Church Service, Graduation, the Gala Concert in June for the Friends of the University -- preparations are in hand for two special concerts which, it is hoped, will interest *Campus News* readers, who are offered, for the first time, subscribers' tickets.

1. August 19, 8 pm, University Union Hall, Australian Choral Music. The Singers celebrate Australia's bicentennial year with a concert to Australian choral music, including a short work commissioned from young composers in the School of Creative Arts as well as a host of exciting, little-heard works spanning the past 200 years from Isaac Nathan and Percy Grainger to Martin Wesley-Smith's witty 'Songs for Snark Hunters'.

2. December 10, 8 pm, Performing Arts Centre, Handel's *Messiah*. The choir, expanded, will be joined by professional soloists and a chamber orchestra in a performance of Handel's 'Messiah'. This will provide fresh insights and enjoyment for the listener already familiar with this masterpiece of baroque music.

The Singers hope you will be able to join them for these concerts. They are offering subscribers' tickets at rates for adult, concession (children, students, pensioners) and family (two adults plus any number of children). Single and subscription tickets will be available at the door on Good Friday.

The table below sets out the savings for subscribers.

	Adult Door Price	Student/ Concession Door Price	Family Door Price
Easter	\$ 5	\$ 3	\$12
Australiana	\$ 8	\$ 5	\$18
Messiah	\$14	\$10	\$30
	\$27	\$18	\$60
Subscribers	\$22	\$14	\$48

Seminars

WOMEN'S STUDIES

Title: *Huxley Finds Man, Loses Woman: the Woman Question and the control of Victorian Anthropology*.

Speaker: Dr Evelleen Richards (STS)

Date: Tuesday, April 12

Time: 6.30 pm

Venue: 19.2058

Students and staff welcome. Inquiries: Sue Uniacke, Philosophy, ext 3604.

DEPARTMENT OF MECHANICAL ENGINEERING POSTGRADUATE SEMINARS

Time: 11 am (Friday)

Venue: Department of Mechanical Engineering seminar Room, Bulding 8.

April 15

Speaker: Kumar Atangsaputra

Title: The Application of Granulation to Fine Coal Preparation

Continued overleaf

**DEPARTMENT OF METALLURGY AND  
MATERIALS ENGINEERING  
SESSION 1**

Time: Monday 4.30 to 5.30 pm

Venue: Room 1.121, Department of Metallurgy and Materials Engineering.

The maximum duration of the seminar is one hour, starting promptly at 4.30 pm. At least ten minutes should be allowed for discussion.

An effort should be made to present a concise, coherent account of the subject, using well prepared visual aids. As the seminars will be open to members of the University and local industry, a good standard of presentation is expected. Research students listed for a talk should consult their supervisors for advice and guidance on both the material and the method of presentation.

Attendance is mandatory for full-time and part-time postgraduate research students, and all academic staff and MATL 491 undergraduate students are expected to attend.

April 11

Speakers: Professor J. Blake, Dr C. Coleman, Dr P. Davy, Dr N. Smyth

Title: Current Research Activity in Applied Mathematical Modelling in the Department of Mathematics

April 18

Speaker: M. Atkinson

Title: Fun with Flow Rules

May 2

Speaker: A. Wingrove

Title: Research Management and Planning

May 9

Speaker: Yu Aibing

Title: Porosity of Multicomponent Mixtures

May 16

Speaker: Hardjatmo

Title: Liberation of Minerals in Finely Disseminated Ores

May 23

Speaker: J. Jones

Title: Microwave Project

May 30

Speaker: Nguri Ardha

Title: The Effect of Bubble Size Distribution in Mineral Flotation

**SCHOOL OF INDUSTRIAL AND  
ADMINISTRATIVE STUDIES**

'Some Overseas Views on Management Theory and Practice'.

Speaker: Dr Michael Hough, Head of the School of Industrial and Administrative Studies in The University of Wollongong.

Thursday April 14 at 10.30 am in room 19/2040.

**TASC SEMINAR SERIES -- TECHNOLOGY AND  
THE ECONOMY -- THE NEW GAME FROM AN  
INTERNATIONAL PERSPECTIVE**

Wednesday March 30, 12.30 pm

Speaker: Dr Mark Dodgson, Research Fellow, SPRU, Visiting Research Fellow, TASC

Title: High Technology Companies -- Corporate Strategies and Public Policies

Venue: ITC Building 39, University Campus, Conference Room 1

Wednesday April 6, 12.30 pm

Speaker: Dr Kirsty Hughes, Lecturer, University of Manchester

Title: Co-operative R&D and Industrial Diversification

Venue: ITC Building 39, University Campus, Conference Rooms 2 and 3

Further information from the Centre for Technology and Social Change, telephone 268866 or extension 3639.

**DEPARTMENT OF ACCOUNTANCY AND LEGAL  
STUDIES**

Seminars will be held in the Social Science Building, Room 2001 (Accountancy and Legal Studies Department).  
Inquiries Hai Yap Teoh, Seminar Co-ordinator.

Date: Friday April 8 at 11 am

Topic: Accountants' Liability to Third Parties for Professional Negligence.

Presented by Mr B.H. Andrew

**DEPARTMENT OF BIOLOGY SEMINAR SERIES**

Wednesdays 3.30 pm, Building 35, Room G19.

March 30. Dr Adrian Gibbs, Research School of Biological Science, Australian National University, Canberra.

*Some recent studies in virus evolution.*

April 6. No seminar: mid-session break.

April 13. Dr Nick Waser, Biology Department, University of California, Riverside, California, USA.

*The evolution of mating systems in montane wildflowers.*

April 20. Dr Glenda Sullivan-Tailyour, Biology Department, The University of Wollongong.

*Plasma membrane glycoproteins induced by human cyto-megalo virus.*

April 27. Dr Mary Price, Biology Department, University of California, Riverside, California, USA.

*Morphology, performance and microhabitat use by desert rodents.*

May 4. Dr Lesley Head, Geography Department, The University of Wollongong.

*Pollen and charcoal as evidence of Aboriginal impacts on Australian vegetation.*

May 11. Dr Beverly Walker, Botany Department, University of Western Australia (now Biology, The University of Wollongong).

*Plant hormones and the control of flowering.*

May 18. Dr Graham Pyke, Department of Vertebrate Ecology, Australian Museum, Sydney.

*Pollination ecology of Christmas Bells: the role of nectar production.*

May 25. Dr Peter Fairweather, Centre for Environmental and Urban Studies, Macquarie University, North Ryde, NSW.

*Patterns and processes on seashores.*